



EUROPEAN COMMISSION  
DIRECTORATE-GENERAL FOR MOBILITY AND TRANSPORT  
DIRECTORATE-GENERAL FOR ENERGY  
SRD - Shared Resource Directorate  
**SRD.2- Informatics & Logistics**

# UDB XML Exchange Model Template

## Class Model

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# 1 Document History

## 1.1 Document History

Version	Date	Comment	Author
0.0.1	05/04/2022	Draft Document created	Mohamed-Fahim KHAJA
0.0.2	05/04/2022	6 Services related to Organisation	Mohamed-Fahim KHAJA
0.0.3	27/09/2022	4 Services related to Certificates	Mohamed-Fahim KHAJA
0.0.4	08/11/2022	4 Services related to Transactions	Mohamed-Fahim KHAJA
0.0.5	10/11/2022	2 Services related to Gas Injection	Mohamed-Fahim KHAJA
0.0.6	24/11/2022	4 Sevices for POS 4 Services for Material Processing 2 Service for Initial Stock	Mohamed-Fahim KHAJA
0.0.7	07/12/2022	3 Service for Gas Injection	Mohamed-Fahim KHAJA
0.0.8	21/12/2022	3 Services for Organisation updated 1 Service of Certificate updated	Mohamed-Fahim KHAJA
0.0.9	09/01/2023	2 Services related to Gas Withdrawal	Mohamed-Fahim KHAJA
0.1.0	09/03/2023	2 Services related to Transaction 2 Services related to Initial Stock 1 Service updated for Organisation	Mohamed-Fahim KHAJA
0.1.1	05/04/2023	2 Services updated for Initial Stock 3 Services updated for Certificates	Mohamed-Fahim KHAJA
0.1.2	20/04/2023	6 Services added for Sourcing contact 4 Services added for POO UCO Trade 4 Services added for POO FGP Trade	Mohamed-Fahim KHAJA
0.1.3	31/05/2023	2 Service related to Transaction Notification	Mohamed-Fahim KHAJA
0.1.4	19/07/2023	2 Service related to Cancel Transaction 1 Service related to Organisation	Mohamed-Fahim KHAJA
0.1.5	31/07/2023	3 Service related to POOTrade updated	Mohamed-Fahim KHAJA
0.1.6	03/08/2023	2 Services for Certificate Few services for POS Section 2 Services for Transaction	Mohamed-Fahim KHAJA
0.1.7	31/08/2023	1 service for Transaction updated 2 services for POOTrade updated	Mohamed-Fahim KHAJA
0.1.8	22/09/23	1 service for Certificate 2 services for Initial Stock 2 services for Material Process 2 service for Gas added	Mohamed-Fahim KHAJA
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0.2.1	21/11/2023	3 Services for Sourcing contact 2 Services for Certificate 1 service for Initial Stock 1 Service for FGP Trade	Mohamed Fahim KHAJA
0.2.2	20/12/2023	3 services for Material Processing updated 1 Service for Accept Transaction updated	Mohamed Fahim KHAJA
0.2.3	17/01/2023	2 service for Initial stock 2 service for Certificate 1 service for FGP	Mohamed Fahim KHAJA
0.2.4	05/02/2024	12 services updated for GHG emissions 2 Services for Sourcing contact 3 services for organisation 1 service for Notification	Mohamed Fahim KHAJA
1.0	29/02/2024	2 services for Certificate 2 services for Point of Origin Trade	Mohamed Fahim KHAJA
1.1	05/04/2024	2 Enums updated 2 services for Gas added 1 service updated for Sourcing contact 2 service updated for FGP trade	Mohamed Fahim KHAJA
1.2	19/04/2024	5 Services for Transaction updated 2 Services for FGP updated 2 Services for POO updated 2 Services for POS updated 2 Services for Initial stock updated 2 Services for Material processing 3 Services for Gas injection	Mohamed Fahim KHAJA
1.3	22/05/2024	2 Services for Transaction updated 11 Services for POS section updated 2 Service for Transaction added	Mohamed Fahim KHAJA

Contact:

MOVE UDB project (EC-UDB-SUPPORT@ec.europa.eu)

## 1.2 Release note

### 1.2.1.1 0.0.1

- New Draft document created
  - Created new UDB Model
  - Created services
    - EODetailByVSRequest
    - EODetailByVSResponse
    - EODetailByIDRequest
    - EODetailByIDResponse

### 1.2.1.2 0.0.2

- UDB-497-1005-1418
  - Removed services
    - EODetailByVSRequest

- EODetailByVSResponse
- EODetailByIDRequest
- EODetailByIDResponse
- Added services
  - AddOrganisationRequest
  - AddOrganisationResponse
  - GetOrganisationByIDRequest
  - GetOrganisationByIDResponse
  - GetOrganisationListRequest
  - GetOrganisationListResponse

### 1.2.1.3 0.0.3

- UDB\_498\_1007\_1511
  - Added services
    - AddUpdateCertificateRequest
    - AddUpdateCertificateResponse
    - GetCertificateRequest
    - GetCertificateResponse
    - ErrorResponse

### 1.2.1.4 0.0.4

- UDB\_495\_520
  - Added services
    - EOAddTransactionRequest
    - EOAddTransactionResponse
    - EOGetTransactionRequest
    - EOGetTransactionResponse

### 1.2.1.5 0.0.5

- UDB\_1890
  - Added services
    - AddGasInjectionRequest
    - AddGasInjectionResponse

### 1.2.1.6 0.0.6

- UDB-1387-1972-1979-1980-519-1393
  - Added services
    - EOUpdatePOSRequest
    - EOUpdatePOSResponse
    - EOGetPOSListRequest
    - EOGetPOSListResponse
    - EOAddMaterialProcessingRequest
    - EOAddMaterialProcessingResponse
    - EOGetMaterialProcessListRequest
    - EOGetMaterialProcessListResponse
    - EOAddInitialStockRegnRequest
    - EOAddInitialStockRegnResponse

### 1.2.1.7 0.0.7

- UDB-2048-2046-2054
  - Added services
    - UpdateGasSustainabilityRequest
    - UpdateGasSustainabilityResponse
    - GetInjectionRequest
    - GetInjectionResponse
  - Updated
    - AddGasInjectionRequest
    - AddGasInjectionResponse

### 1.2.1.8 0.0.8

- UDB-2145
  - Updated
    - AddOrganisationRequest

- AddUpdateCertificateRequest
- GetCertificateRequest
- GetOrganisationByIDRequest
- GetOrganisationListRequest

### 1.2.1.9 0.0.9

- UDB\_2051
  - Added services
    - AddGasWithdrawalRequest
    - AddGasWithdrawalResponse

### 1.2.1.10 0.1.0

- UDB\_AddOn
  - Added services
    - EOConfirmTransactionRequest
    - EOConfirmTransactionResponse
    - GetInitialStockRequest
    - GetInitialStockResponse
  - Updated
    - GetOrganisationByIDRequest

### 1.2.1.11 0.1.1

- UDB\_2789
  - Updated services
    - AddUpdateCertificateRequest
    - GetCertificateRequest
    - GetCertificateResponse
    - AddInitialStockRegnRequest
    - GetInitialStockResponse

### 1.2.1.12 0.1.2

- UDB\_2952\_3036
  - Added services
    - AddSourcingContactRequest
    - AddSourcingContactResponse
    - GetSourcingContactByIDRequest
    - GetSourcingContactByIDRequest
    - GetSourcingContactListRequest
    - GetSourcingContactListRequest
- UDB\_2953\_3037
  - Added services
    - EOAddPoOTradeRequest
    - EOAddPoOTradeResponse
    - EOGetPoOTradeRequest
    - EOGetPoOTradeResponse
- UDB\_2954\_303
  - Added services
    - EOAddFGPTransactionRequest
    - EOAddFGPTransactionResponse
    - EOGetFGPTransactionRequest
    - EOGetFGPTransactionResponse

### 1.2.1.13 0.1.3

- UDB\_3327\_3334
  - Added services
    - TransactionBuyerNotification
    - TransactionSellerNotification

### 1.2.1.14 0.1.4

- UDB\_3583
  - Added service
    - EOCancelTransactionRequest
    - EOCancelTransactionResponse
- UDB\_2713
  - Updated service
    - AddGasInjectionRequest
    - AddGasInjectionResponse
- UDB\_3805
  - Updated service
    - AddOrganisationRequest

### 1.2.1.15 0.1.5

- UDB\_3895
  - Updated service
    - EOAddPoOTradeRequest
    - EOAddPoOTradeResponse
    - EOGetPoOTradeResponse

### 1.2.1.16 0.1.6

- UDB\_3859-2954
  - Updated service
    - AddUpdateCertificateRequest
    - GetCertificateResponse
    - Updated POS Data for Biomass land area
- UDB\_3997
  - EOUpdateRejectedTransactionRequest
  - EOUpdateRejectedTransactionResponse
- UDB\_4003
  - Remove option tags from Udb Request / Response headers

### 1.2.1.17 0.1.7

- UDB\_3841-3954
  - Updated service
    - TransactionBuyerNotification
    - EOAddPoOTradeRequest
    - EOGetPoOTradeResponse

### 1.2.1.18 0.1.8

- UDB\_4385
  - Updated Service
    - AddUpdateCertificateResponse
    - EOAddInitialStockRegnRequest
    - EOGetInitialStockResponse
    - EOAddMaterialProcessingRequest
    - EOGetMaterialProcessListResponse
- UDB\_4014
  - Added service
    - ConfirmGasInjectionRequest
    - ConfirmGasInjectionResponse
- Unit Enum
  - Updated MeasuringUnitEnum

### 1.2.1.19 0.1.9

- UDB\_4484
  - Updated service
    - EOUpdateRejectedTransactionRequest
- UDB\_4304
  - Updated service
    - AddSourcingContactRequest
    - GetSourcingContactResponse
- UDB\_4325
  - Updated service

- AddUpdateCertificateRequest
- GetCertificateResponse

### 1.2.1.20 0.2.0

- UDB\_4463
  - Updated service
  - AddUpdateCertificateRequest
  - GetCertificateResponse
- UDB\_4401
  - Updated service
  - EOConfirmTransactionResponse
  - TransactionSellerNotification

### 1.2.1.21 0.2.1

- UDB\_4346
  - Updated service
  - AddSourcingContactRequest
  - GetSourcingContactByIDRequest
  - GetSourcingContactListRequest
- UDB\_4401
  - Updated service
  - AddUpdateCertificateRequest
  - GetCertificateResponse
- UDB\_4620
  - Updated service
  - AddInitialStockRegnRequest
  - EOAddFGPTransactionRequest
- UDB\_4620
  - Updated enum
  - GHGUnitEnum

### 1.2.1.22 0.2.2

- UDB\_4665
  - Updated service
  - EOAddMaterialProcessingRequest
  - EOAddMaterialProcessingResponse
  - EOGetMaterialProcessListResponse
- UDB\_4953
  - Updated service
  - EOAddMaterialProcessingRequest
  - EOConfirmTransactionRequest

### 1.2.1.23 0.2.3

- UDB\_5089
  - Updated Service
  - EOAddInitialStockRegnRequest
  - GetInitialStockResponse
  - AddUpdateCertificateRequest
  - GetCertificateResponse
  - EOAddFGPTransactionResponse

### 1.2.1.24 0.2.4

- UDB\_4940
  - Updated below services to add extra GHG Emission types
  - EOAddInitialStockRegnRequest
  - EOAddTransactionRequest
  - EOConfirmTransactionResponse
  - EOGetPOSListResponse
  - EOGetTransactionResponse
  - TransactionBuyerNotification
  - EOUpdatePOSRequest
  - EOAddFGPTransactionRequest



- EOAddPoOTradeRequest
- EOGetFGPTransactionResponse
- EOGetInitialStockResponse
- EOGetPoOTradeResponse
- UDB\_5190
  - Updated services
  - AddSourcingContactRequest
  - GetSourcingContactByIDResponse
- UDB\_5190
  - Updated services
  - AddOrganisationRequest
  - GetOrganisationListResponse
  - GetOrganisationByIDResponse
- UDB\_5273
  - Updated service
  - TransactionBuyerNotification

### 1.2.1.25 1.0

- UDB\_5407
  - Added service
  - GetCertificateExpiryRequest
  - GetCertificateExpiryResponse
- UDB\_5162
  - Updated service
  - EOAddPoOTradeRequest
  - EOGetPoOTradeResponse

### 1.2.1.26 1.1

- UDB\_5302
  - Updated enum
  - TransactionStatusEnum
  - OperationStatusEnum
- UDB\_5461
  - Added service
  - GetGasEOListRequest
  - GetGasEOListResponse
- UDB\_5595
  - Updated services
  - AddSourcingContactRequest
- UDB\_5579
  - Updated services
  - EOAddFGPTransactionRequest
  - EOGetFGPTransactionResponse

### 1.2.1.27 1.2

- UDB\_5493
  - Updated Services
  - EOAddInitialStockRegnRequest
  - EOAddTransactionRequest
  - EOConfirmTransactionRequest
  - EOConfirmTransactionResponse
  - EOGetPOSListResponse
  - EOGetTransactionResponse
  - EOUpdatePOSRequest
  - EOAddFGPTransactionRequest
  - EOAddPoOTradeRequest
  - EOGetFGPTransactionResponse
  - EOGetInitialStockResponse
  - EOGetPoOTradeResponse
  - EOUpdateRejectedTransactionRequest
- UDB\_5532
  - Updated Services
  - EOAddMaterialProcessingRequest
  - EOGetMaterialProcessListResponse

- UDB\_5301
  - Updated Services
    - AddGasInjectionRequest
    - GetGasInjectionRequest
    - ConfirmGasInjectionRequest

**1.2.1.28 1.3**

- UDB\_5840
  - Updated services
    - EOAddTransactionRequest
    - EOGetTransactionResponse
- UDB\_5487
  - Updated services
    - EOAddInitialStockRegnRequest
    - EOAddFGPTransactionRequest
    - EOAddPointOfOriginTradeRequest
    - EOAddTransactionRequest
    - EOUpdateRejectedTransactionRequest
    - EOConfirmTransactionRequest
    - EOGetInitialStockResponse
    - EOGetFGPTradeResponse
    - EOGetPoOTradeResponse
    - EOUpdatePOSRequest
    - TransactionBuyerNotification
- UDB\_5826
  - Added services
    - EOInterTransferRequest
    - EOInterTransferResponse

## 2 Overview

### 2.1 Package diagram

The model is composed of 2 main parts:

- **the service and actions**

As the system to system communication is based on an asynchronous solution, the model defines, from one hand, the request services made available to Member states competent Authorities to perform actions on the ECDB platform and, from the other hand the response services to be made available by Member States so that ECDB can acknowledge or return the requested data to competent Authorities.

The wording "service and actions" comes for AS4. A parallel may be drawn with UML and web services :

- AS4: service / action
- UML: class / operation
- web-service: service / operation

- **The core elements**

*Core elements* constitutes the data structure that is common to all type of crew information.

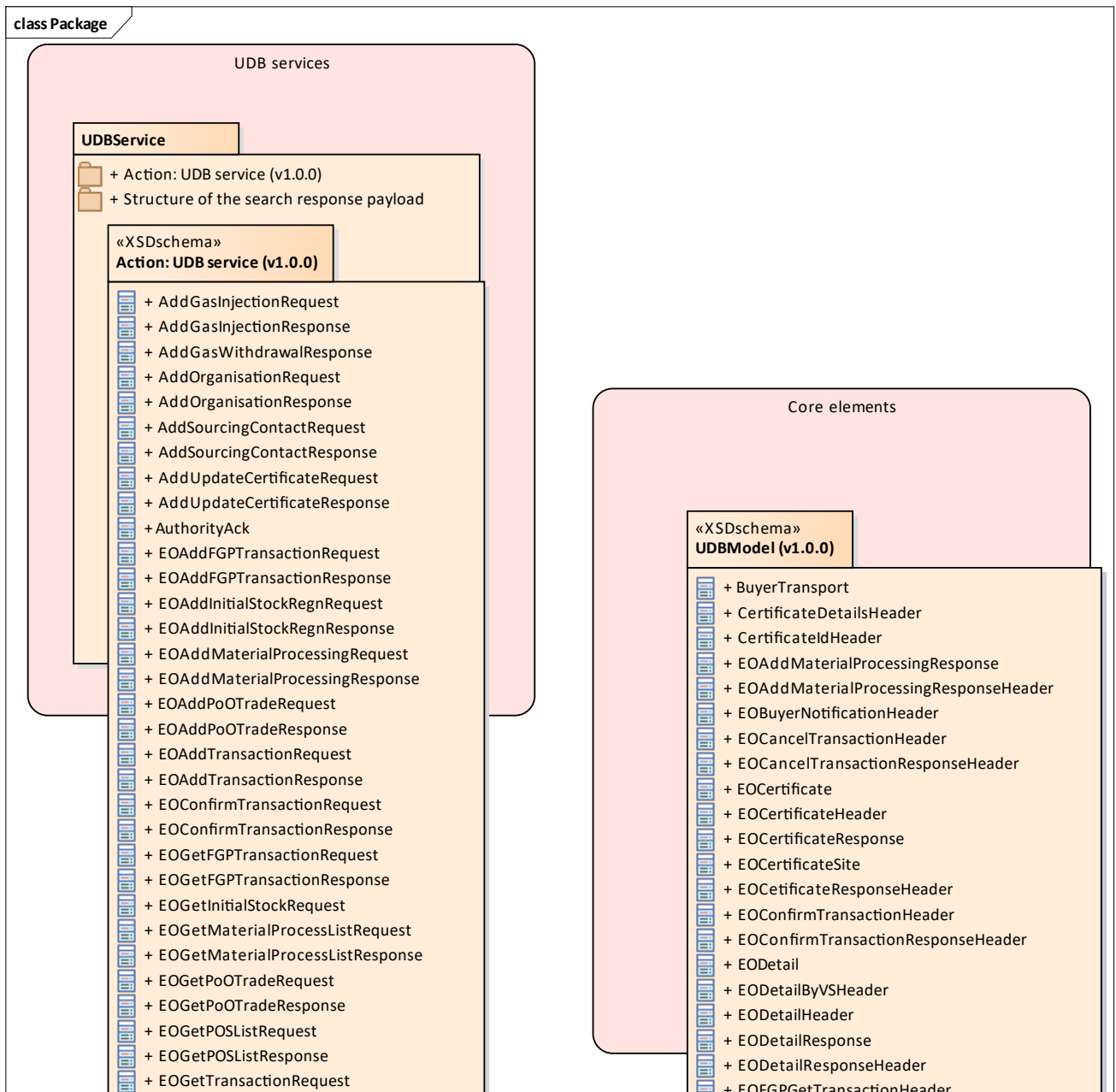


Figure 1: Package

## 3 Services

### 3.1 UDBService

Crew service exposed by the eDelivery Access point where Exchange message with MS can be exchanged in the purpose of:

- Verification of the transaction in the Union database
- Consultation of stock accounts
- Consultation and modification of EO Accounts
- Sending and receiving notification

All the requests and responses are posted asynchronously to the related UDBService method.

#### 3.1.1 Action: UDB service (v1.0.0)

##### 3.1.1.1 UDB Service : Add Gas Injection Request diagram

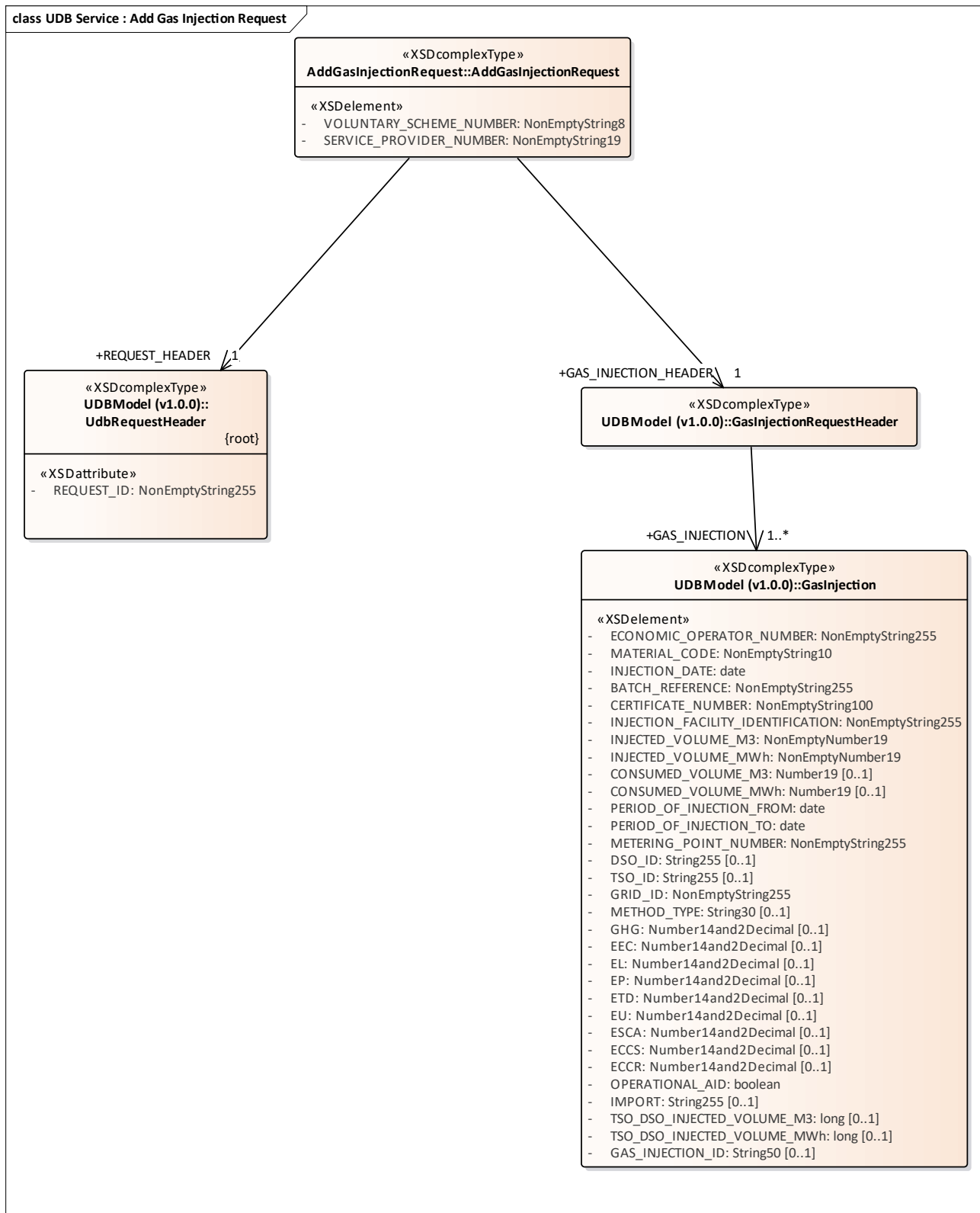


Figure 2: UDB Service : Add Gas Injection Request

### 3.1.1.2 UDB Service : Add Gas Injection Response diagram

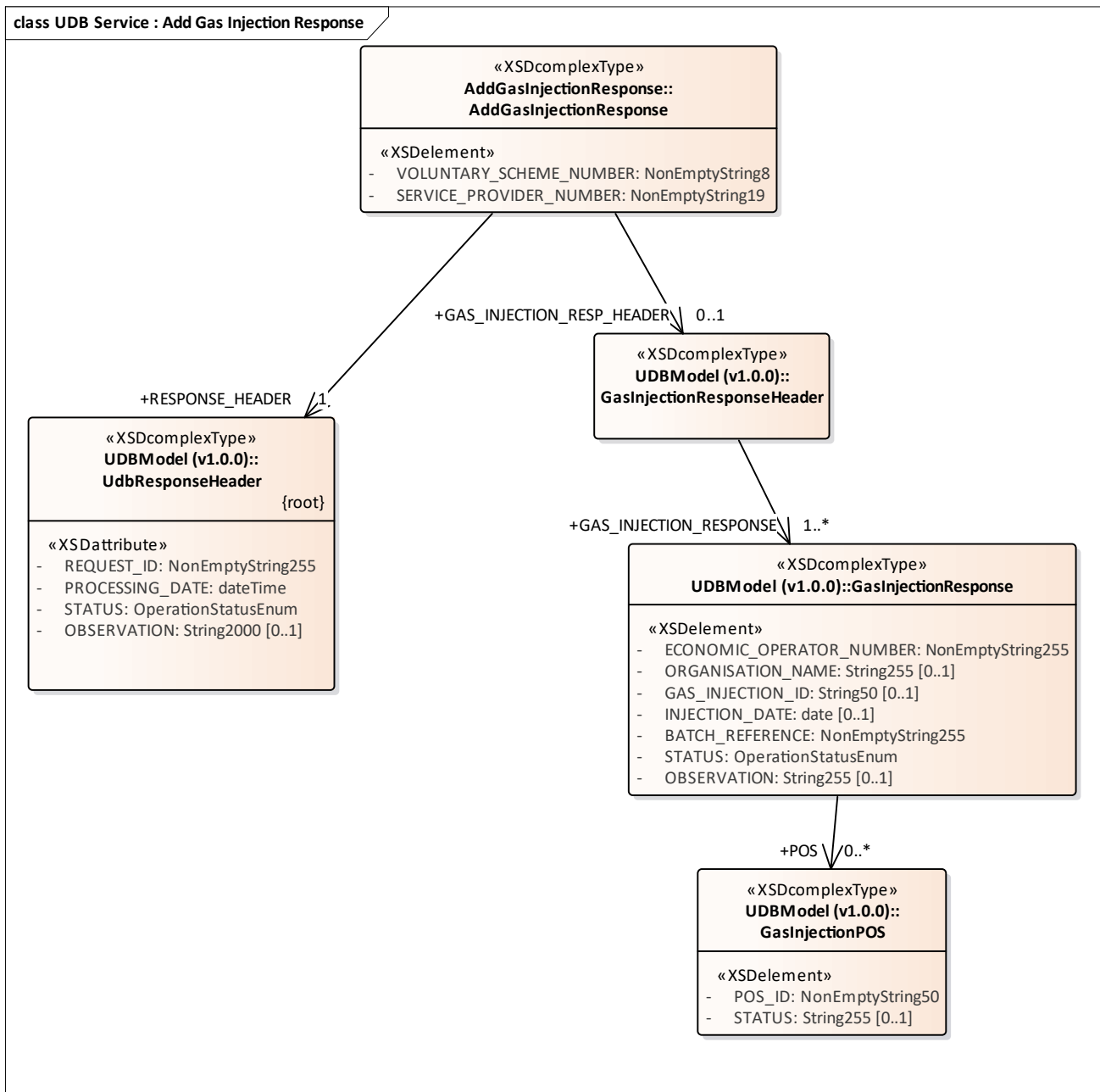


Figure 3: UDB Service : Add Gas Injection Response

### 3.1.1.3 UDB Service : Add Initial Stock Registration Request diagram

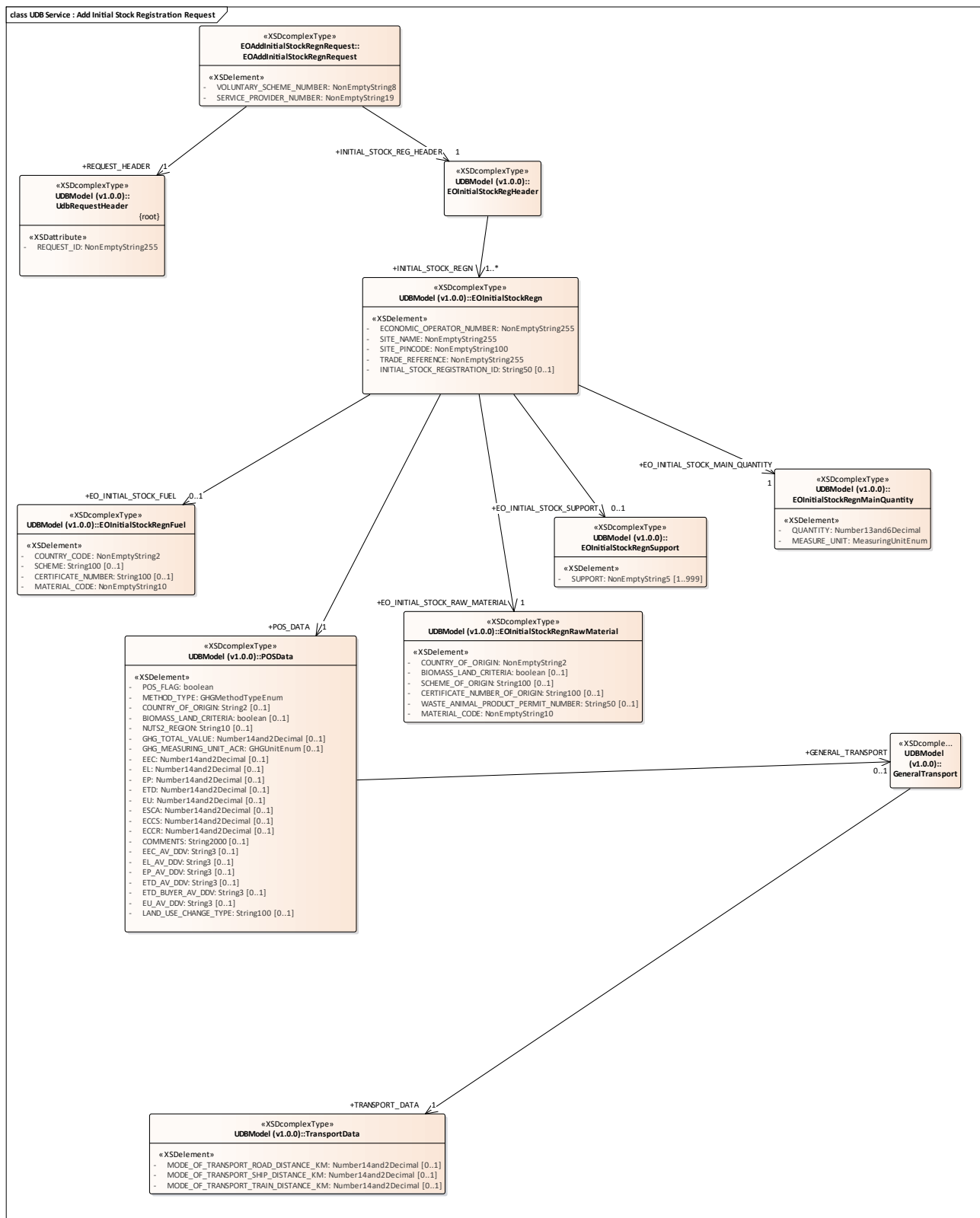


Figure 4: UDB Service : Add Initial Stock Registration Request

### 3.1.1.4 UDB Service : Add Initial Stock Registration Response diagram



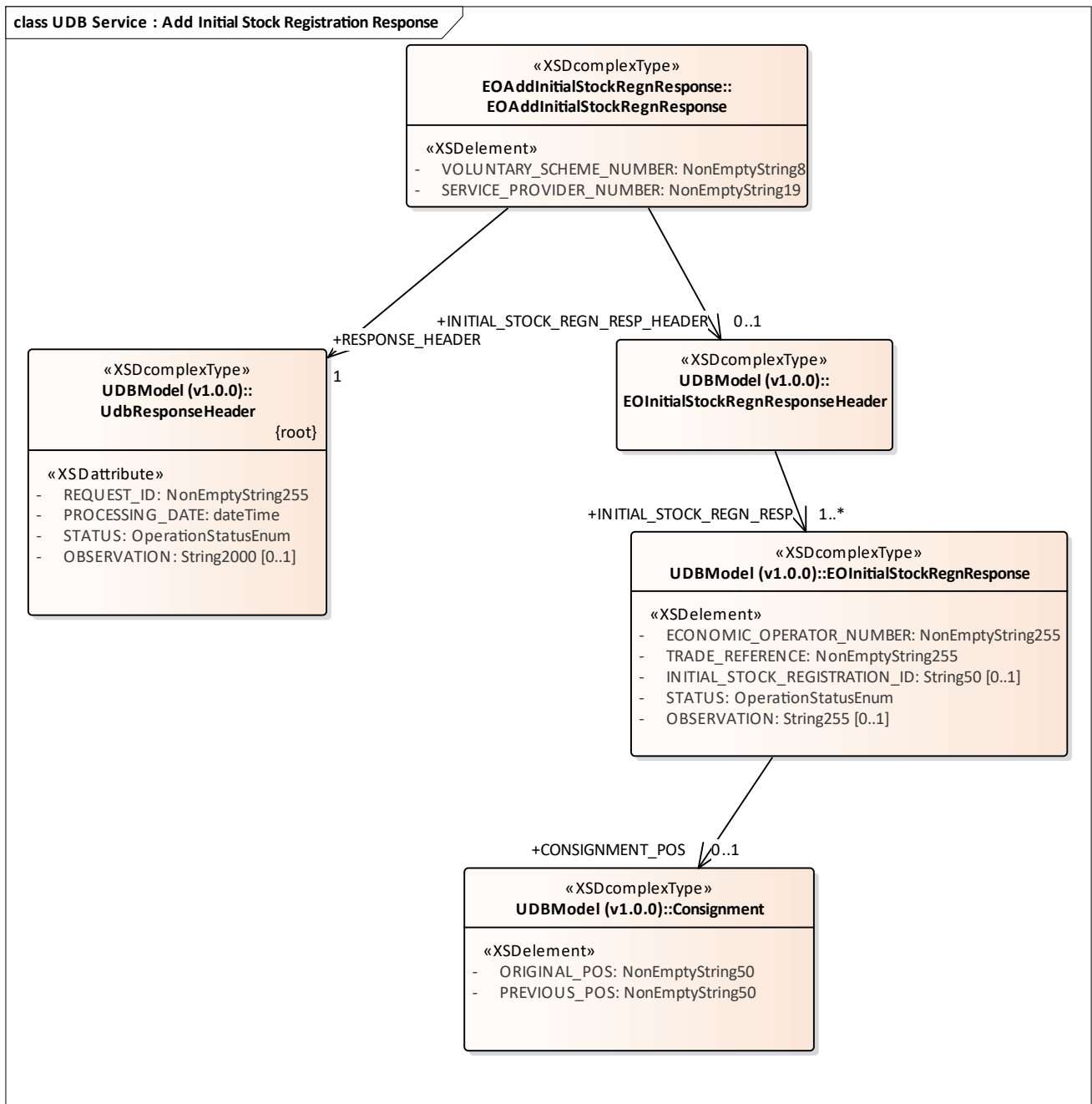


Figure 5: UDB Service : Add Initial Stock Registration Response

### 3.1.1.5 UDB Service : Add Material Processing Request diagram

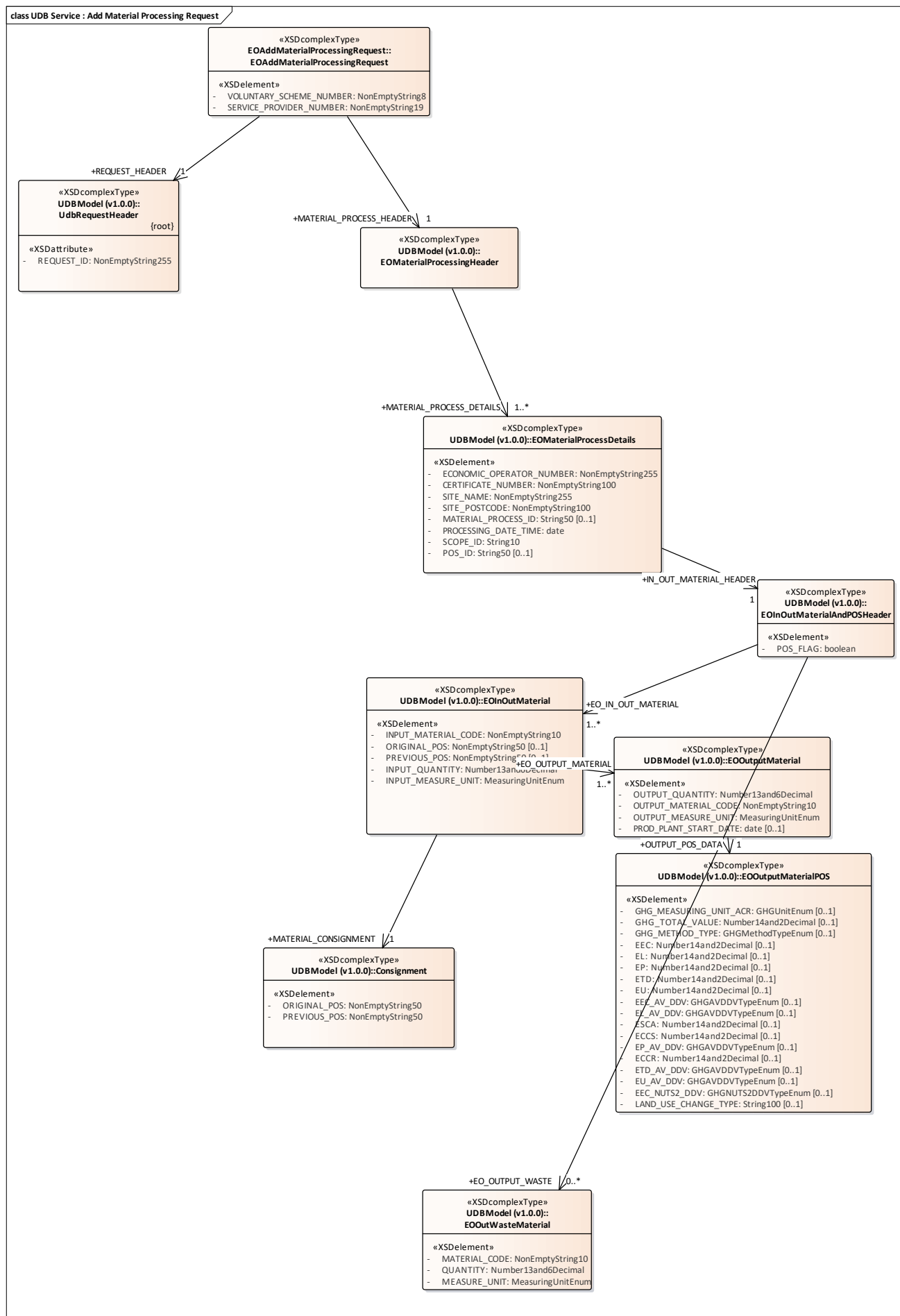


Figure 6: UDB Service : Add Material Processing Request

### **3.1.1.6 UDB Service : Add Material Processing Response diagram**

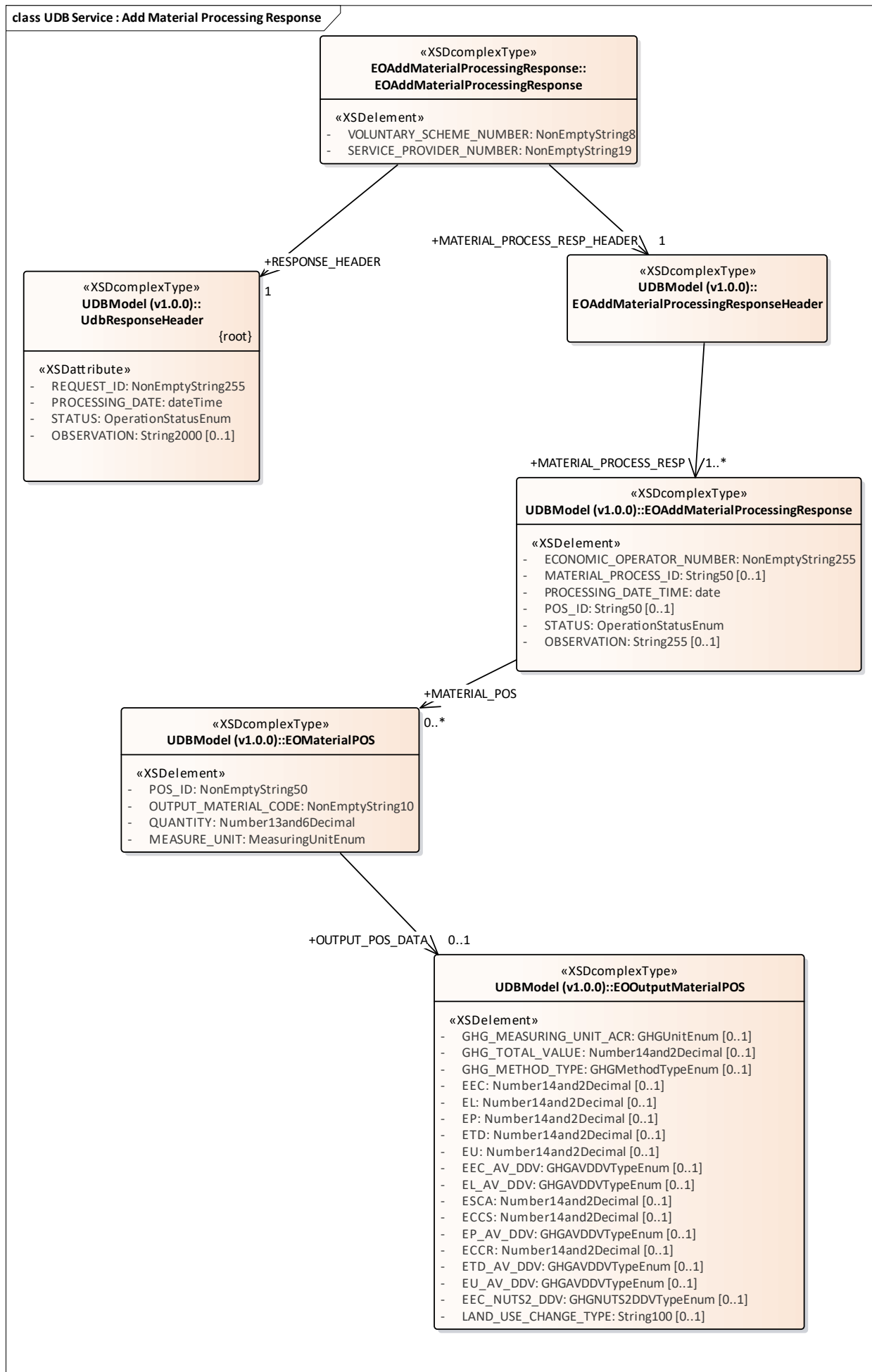


Figure 7: UDB Service : Add Material Processing Response

### 3.1.1.7 UDB Service : Add Organisation Request diagram

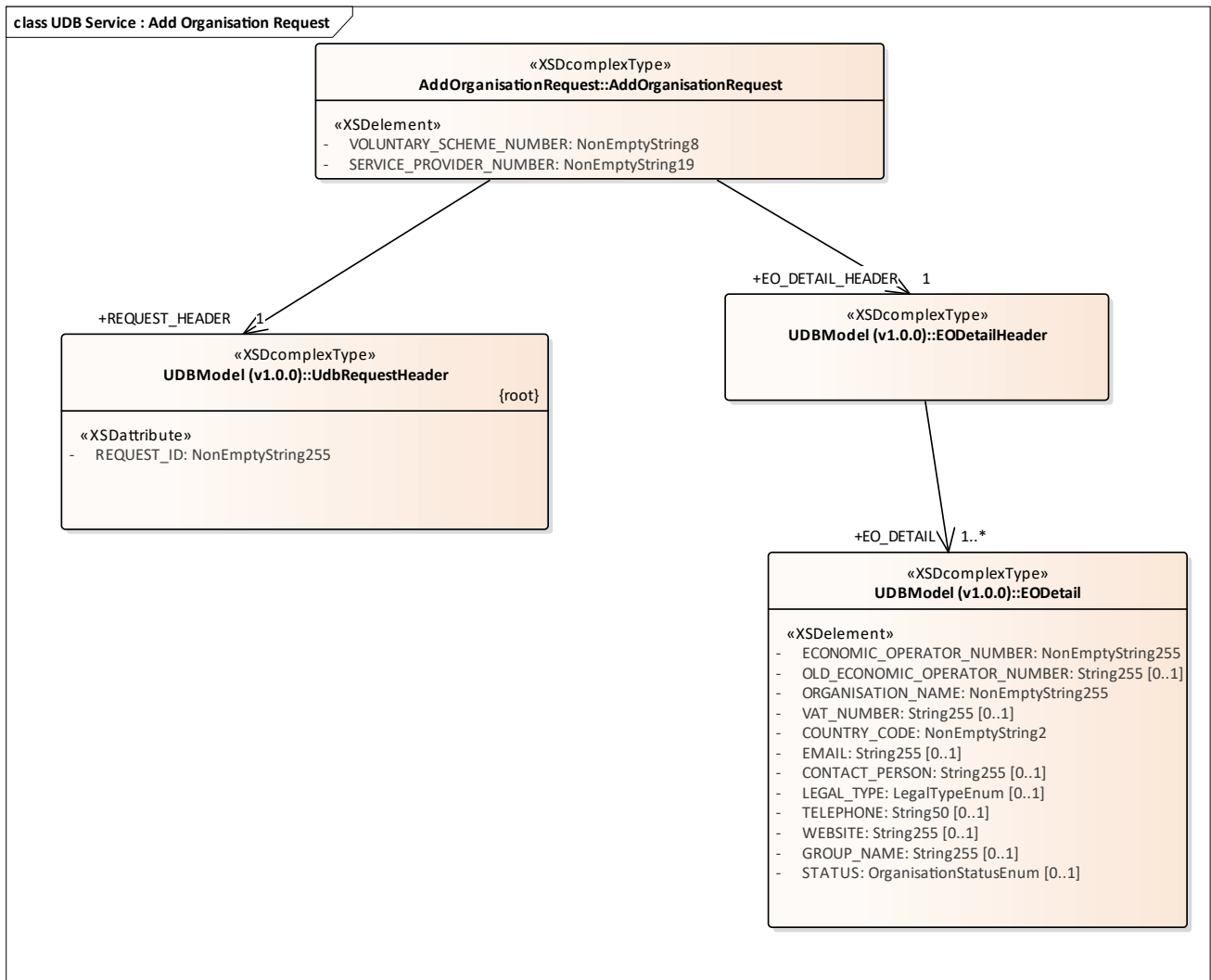


Figure 8: UDB Service : Add Organisation Request

### 3.1.1.8 UDB Service : Add Organisation Response diagram

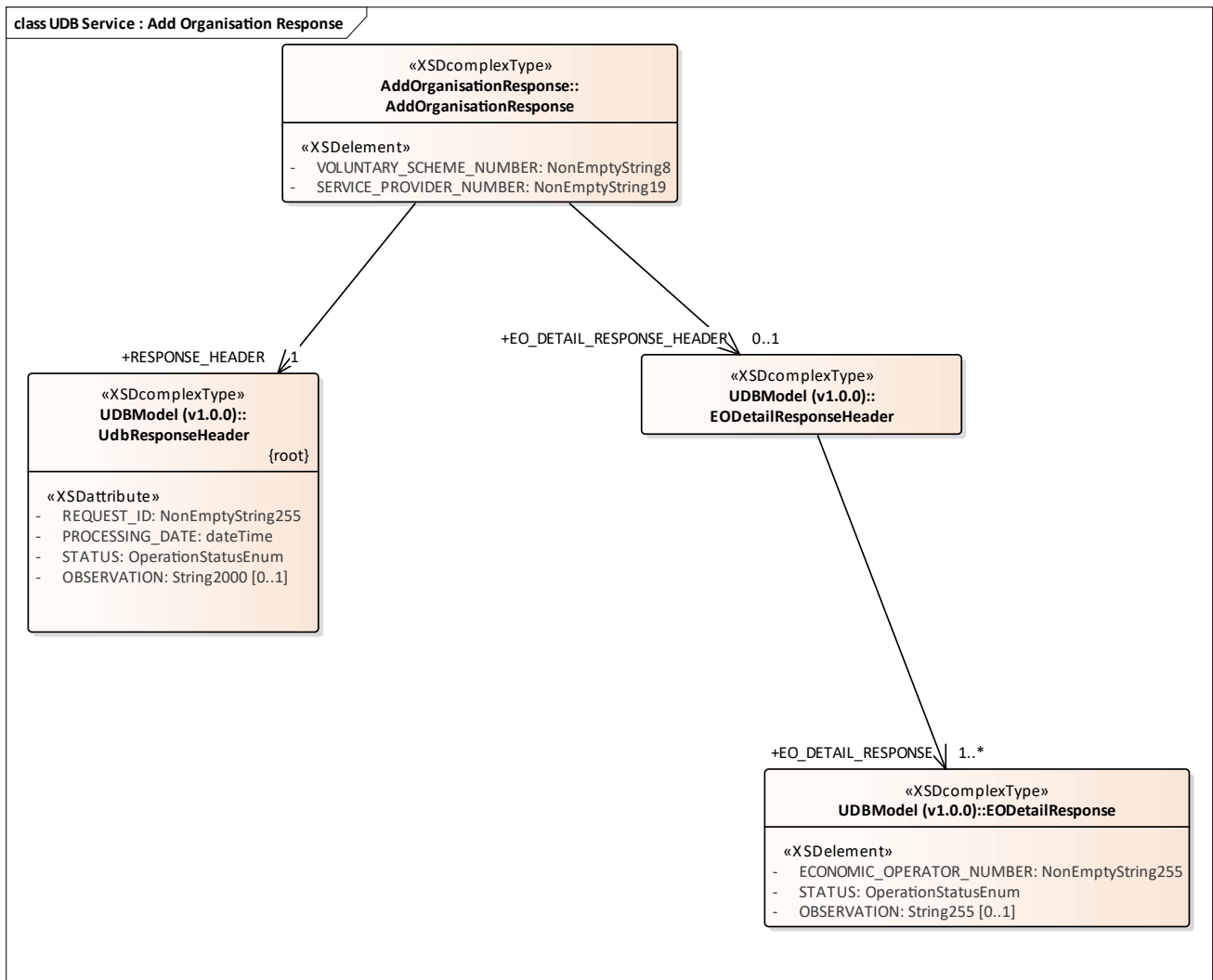


Figure 9: UDB Service : Add Organisation Response

### 3.1.1.9 UDB Service : Add Sourcing Contact Request diagram

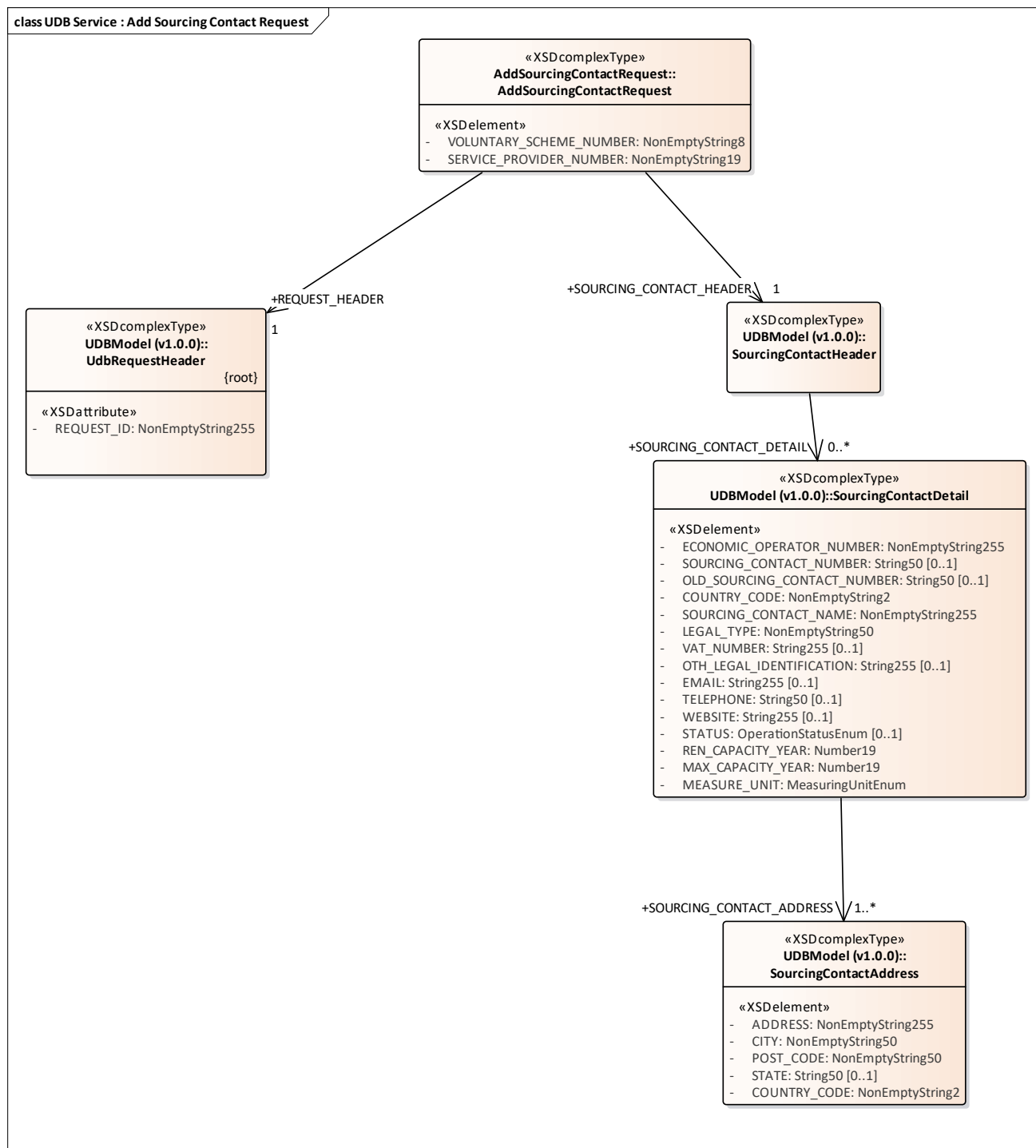


Figure 10: UDB Service : Add Sourcing Contact Request

### 3.1.1.10 UDB Service : Add Sourcing Contract Response diagram

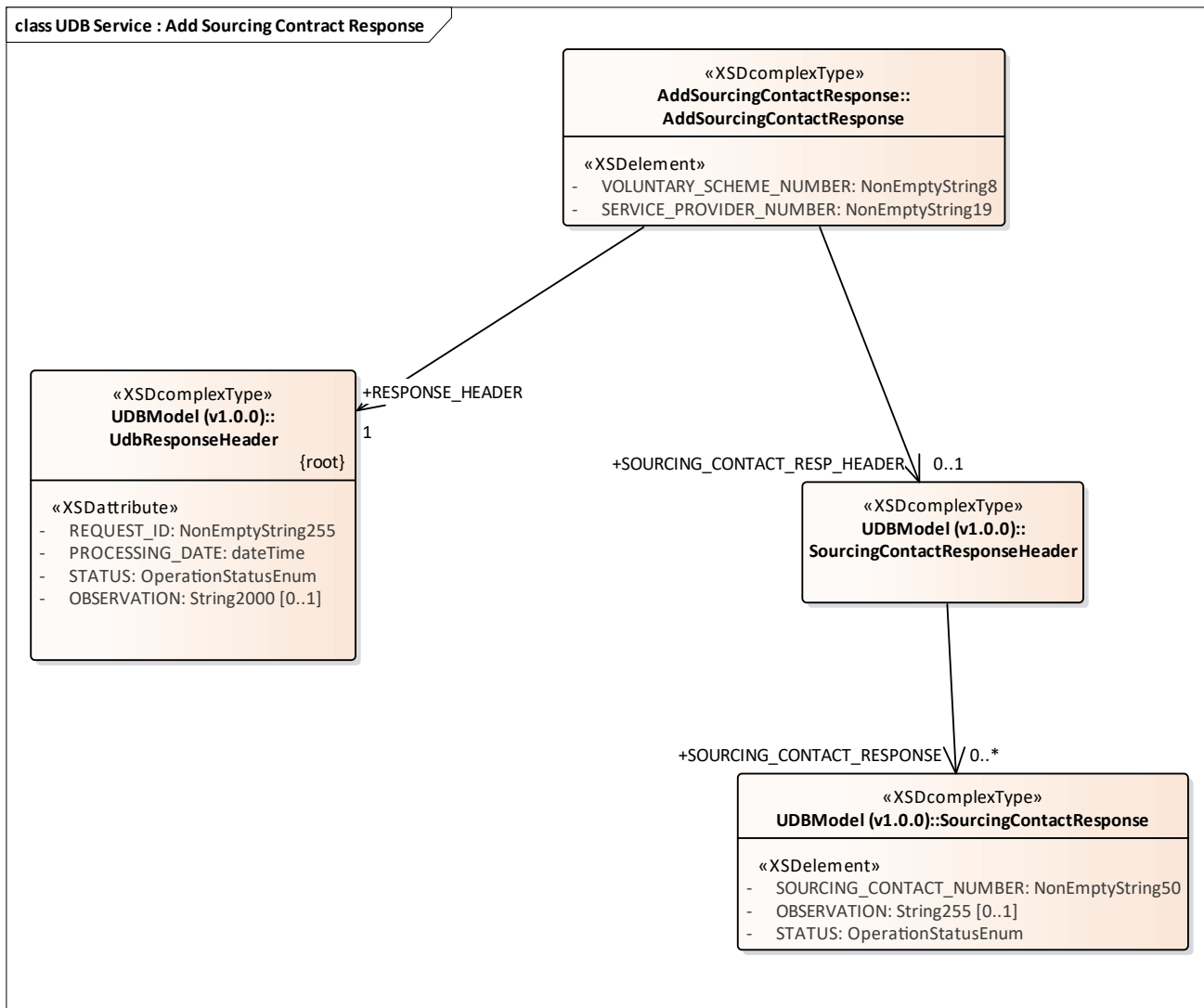


Figure 11: UDB Service : Add Sourcing Contract Response

### 3.1.1.11 UDB Service : Add Transaction Request diagram



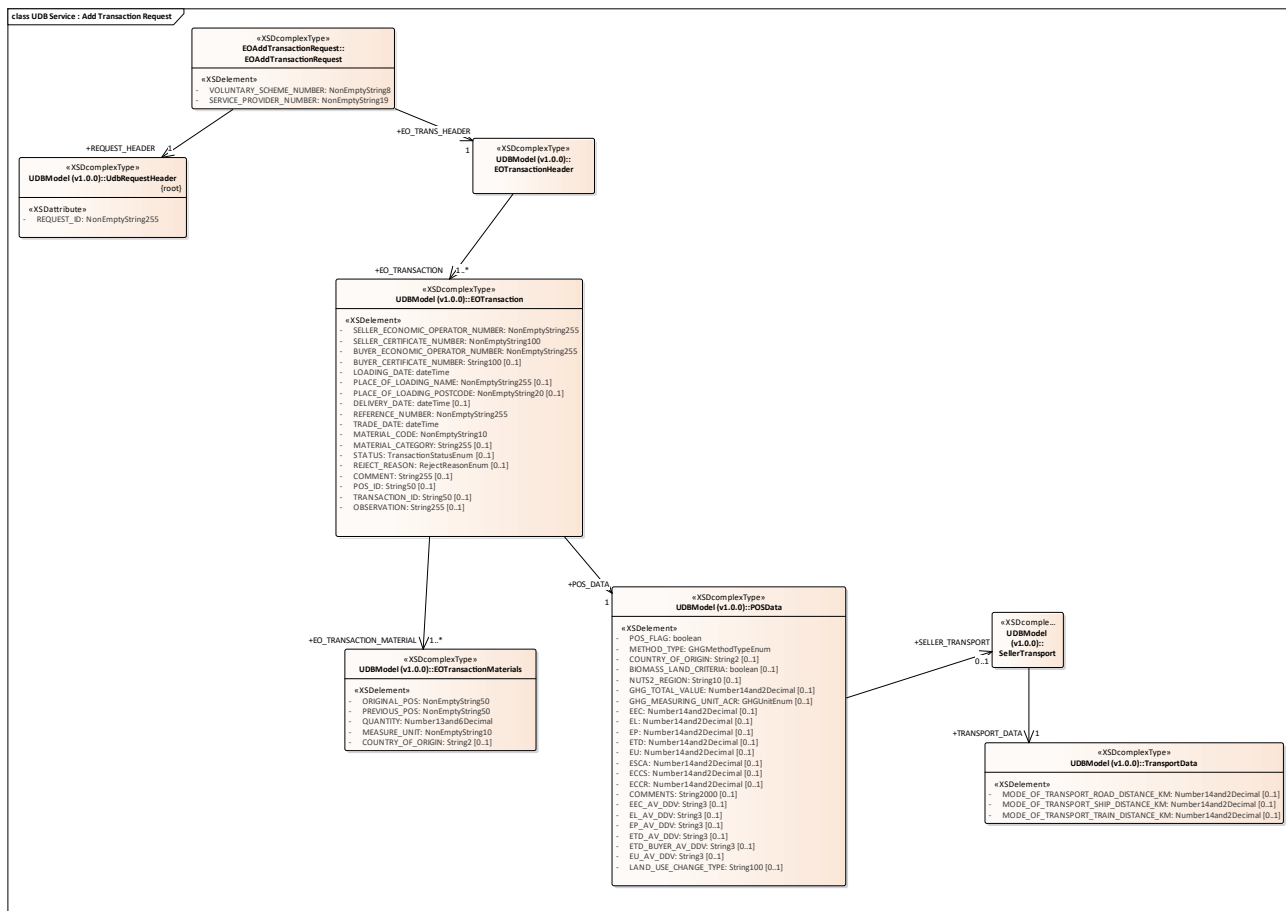


Figure 12: UDB Service : Add Transaction Request

### 3.1.1.12 UDB Service : Add Transaction Response diagram

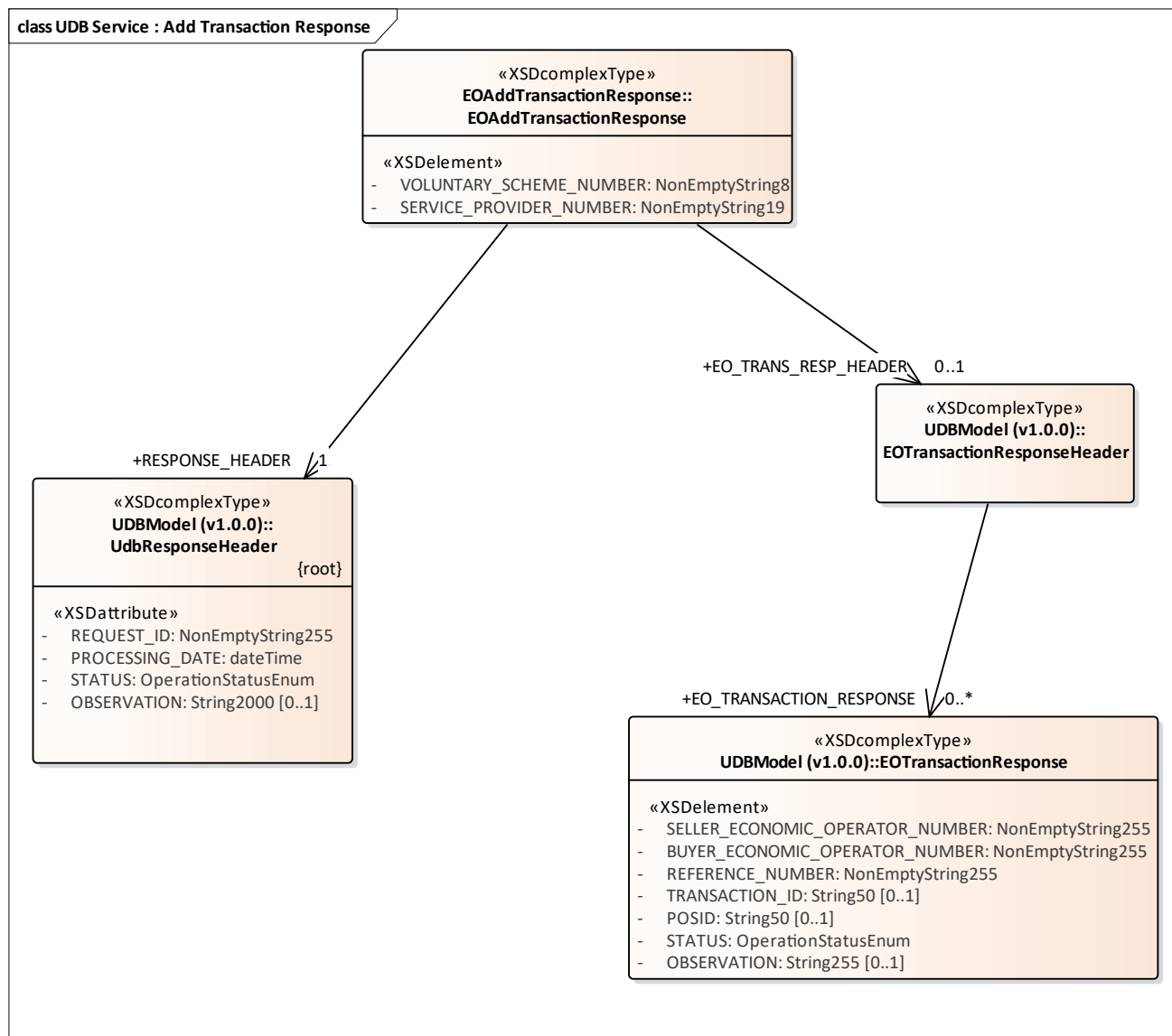


Figure 13: UDB Service : Add Transaction Response

### 3.1.1.13 UDB Service : Add Update Certificate Request diagram

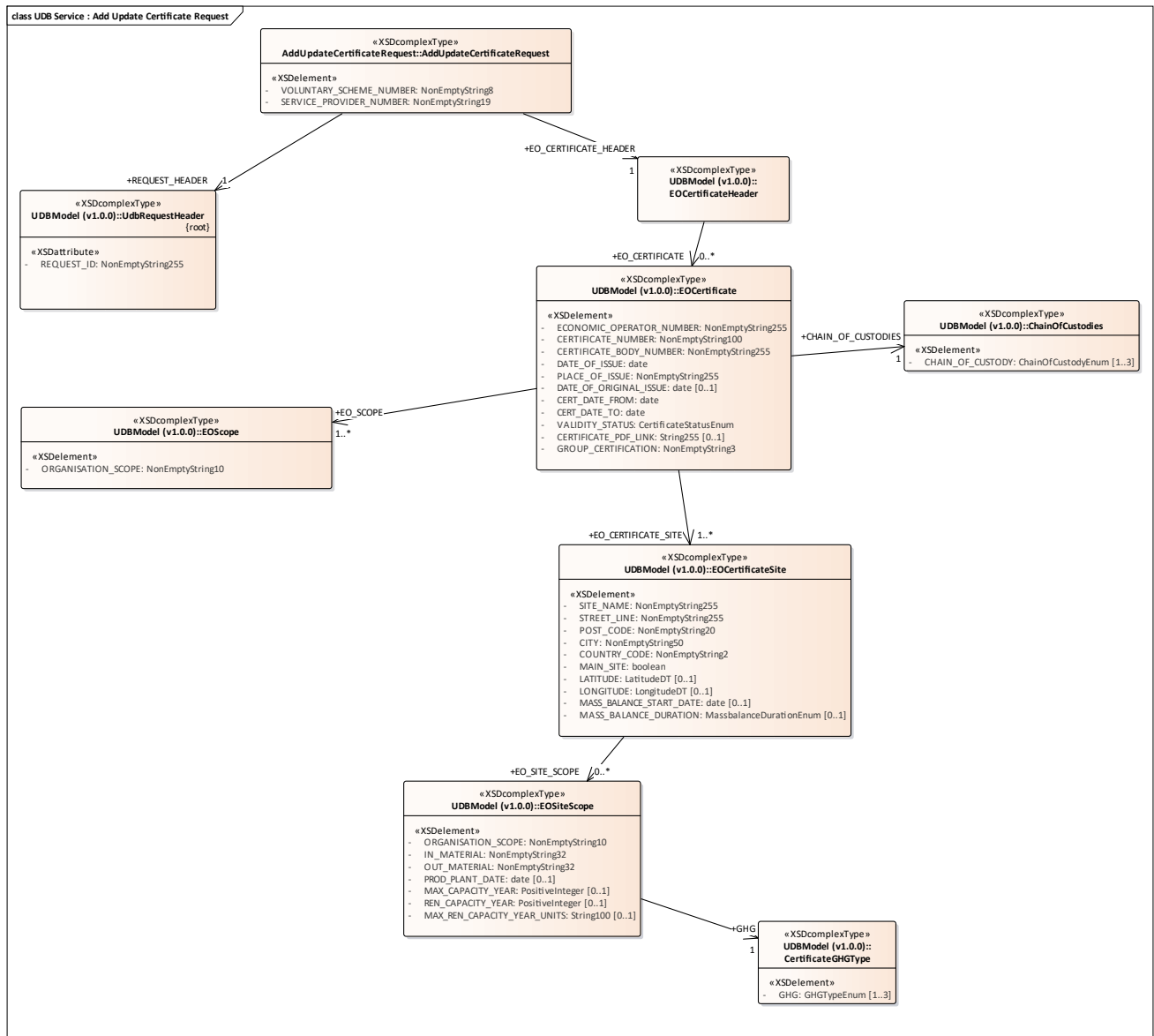


Figure 14: UDB Service : Add Update Certificate Request

### 3.1.1.14 UDB Service : Add Update Certificate Response diagram

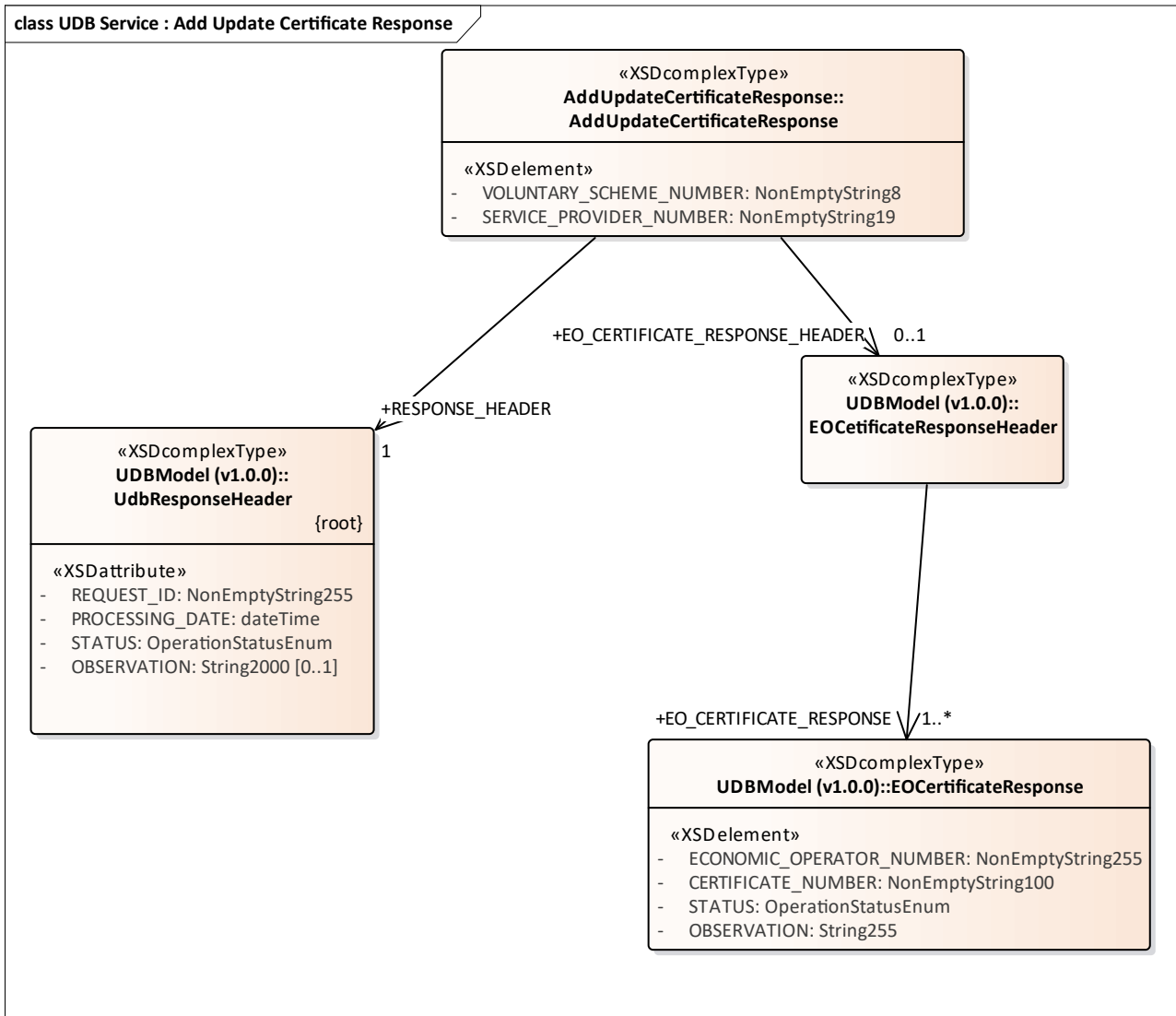


Figure 15: UDB Service : Add Update Certificate Response

### 3.1.1.15 UDB Service : Confirm Transaction Request diagram

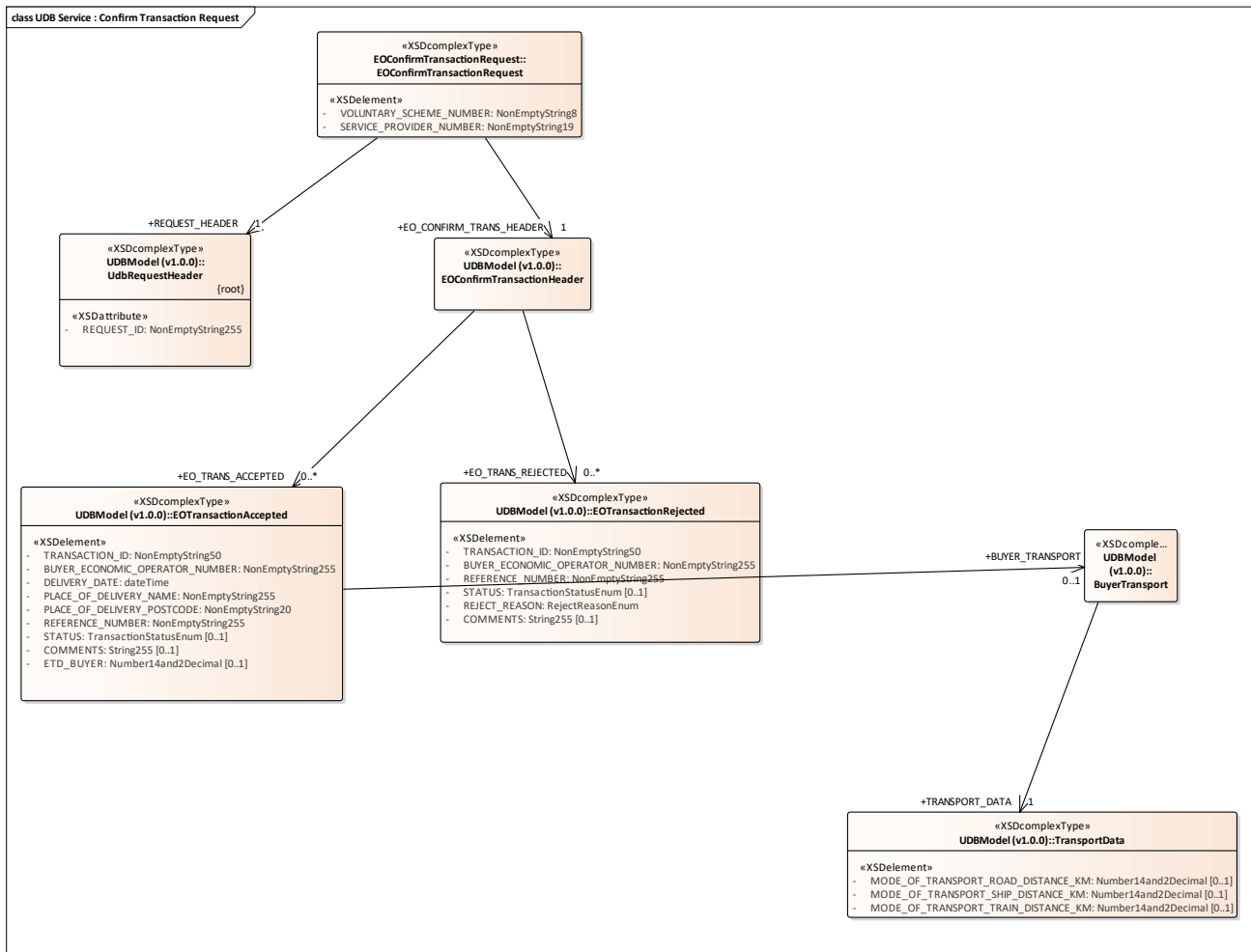


Figure 16: UDB Service : Confirm Transaction Request

### 3.1.1.16 UDB Service : Confirm Transaction Response diagram

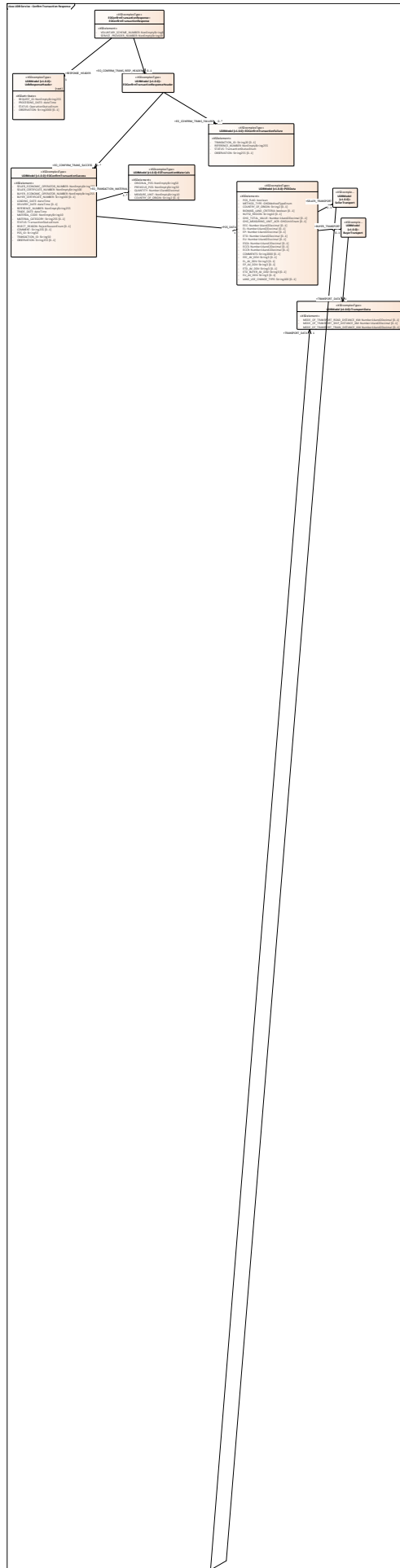


Figure 17: UDB Service : Confirm Transaction Response

### 3.1.1.17 UDB Service : Error Response diagram

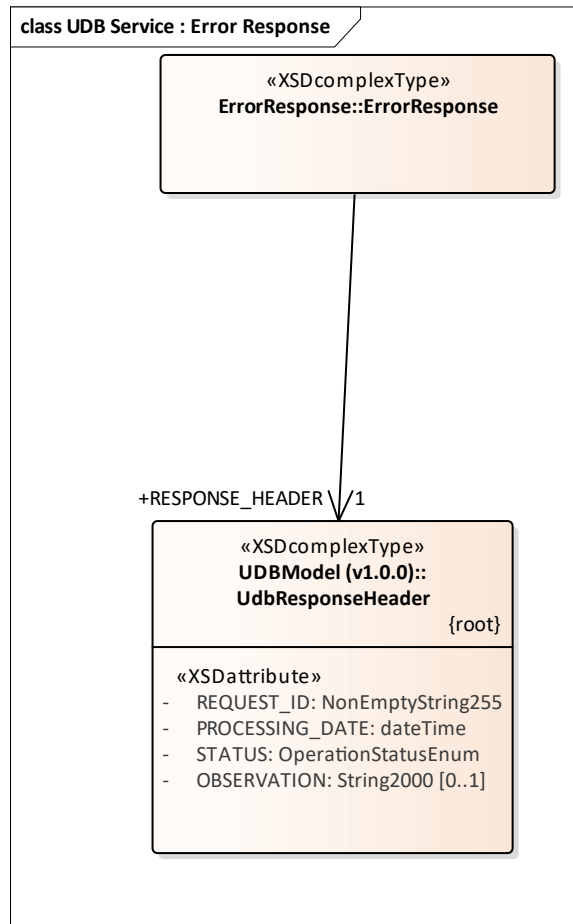


Figure 18: UDB Service : Error Response

### 3.1.1.18 UDB Service : Get Certificate Expiry Request diagram

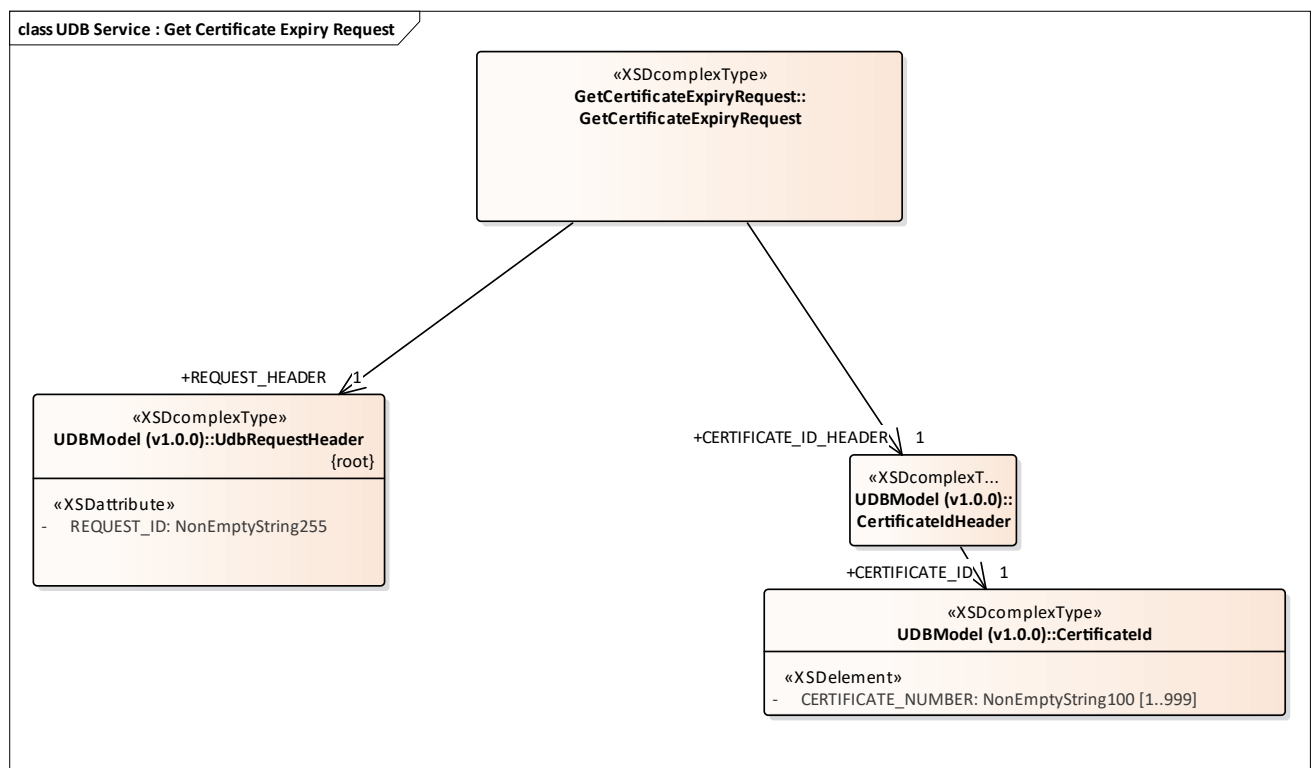


Figure 19: UDB Service : Get Certificate Expiry Request

### 3.1.1.19 UDB Service : Get Certificate Expiry Response diagram

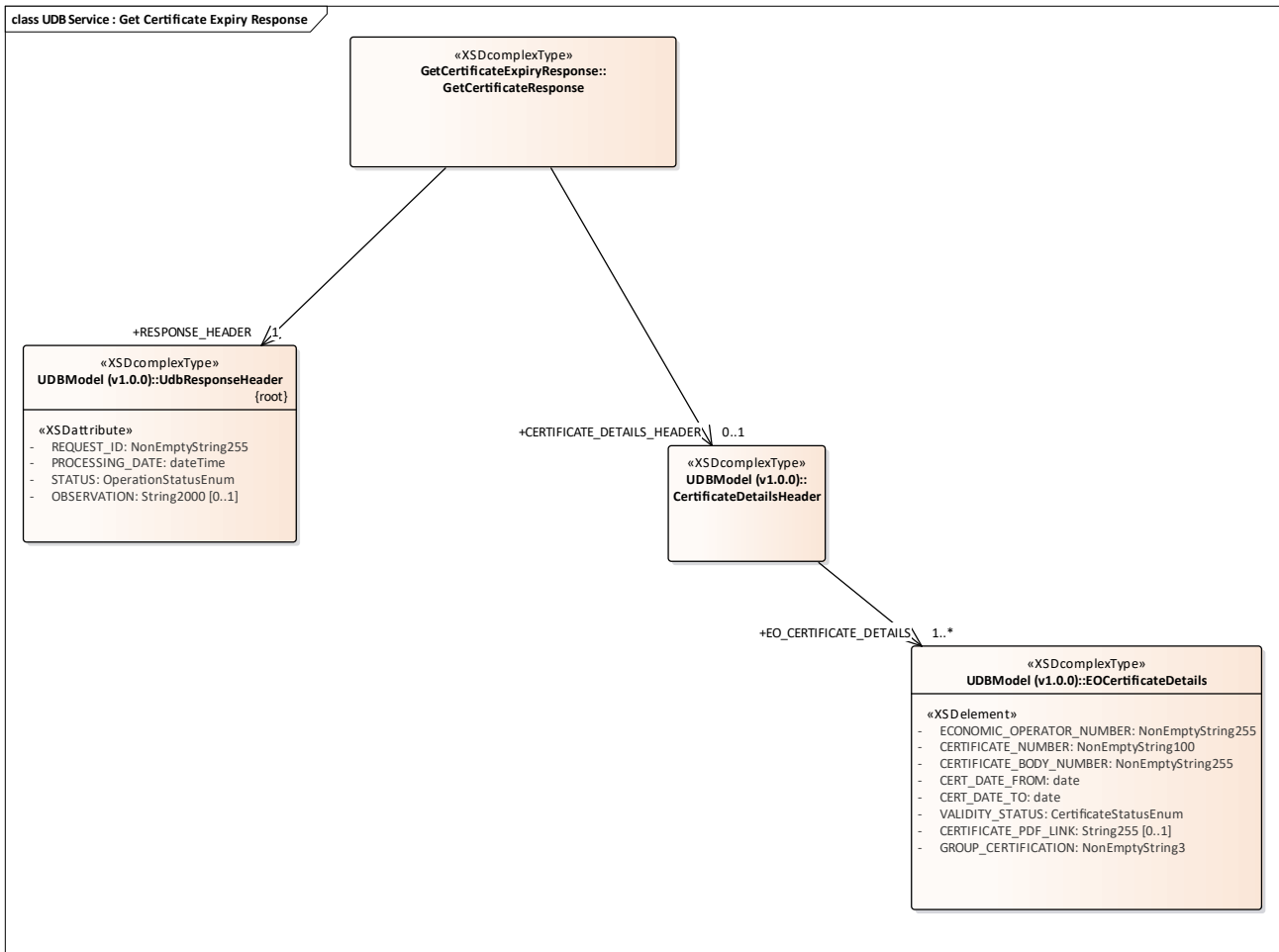


Figure 20: UDB Service : Get Certificate Expiry Response

### 3.1.1.20 UDB Service : Get Certificate Request diagram



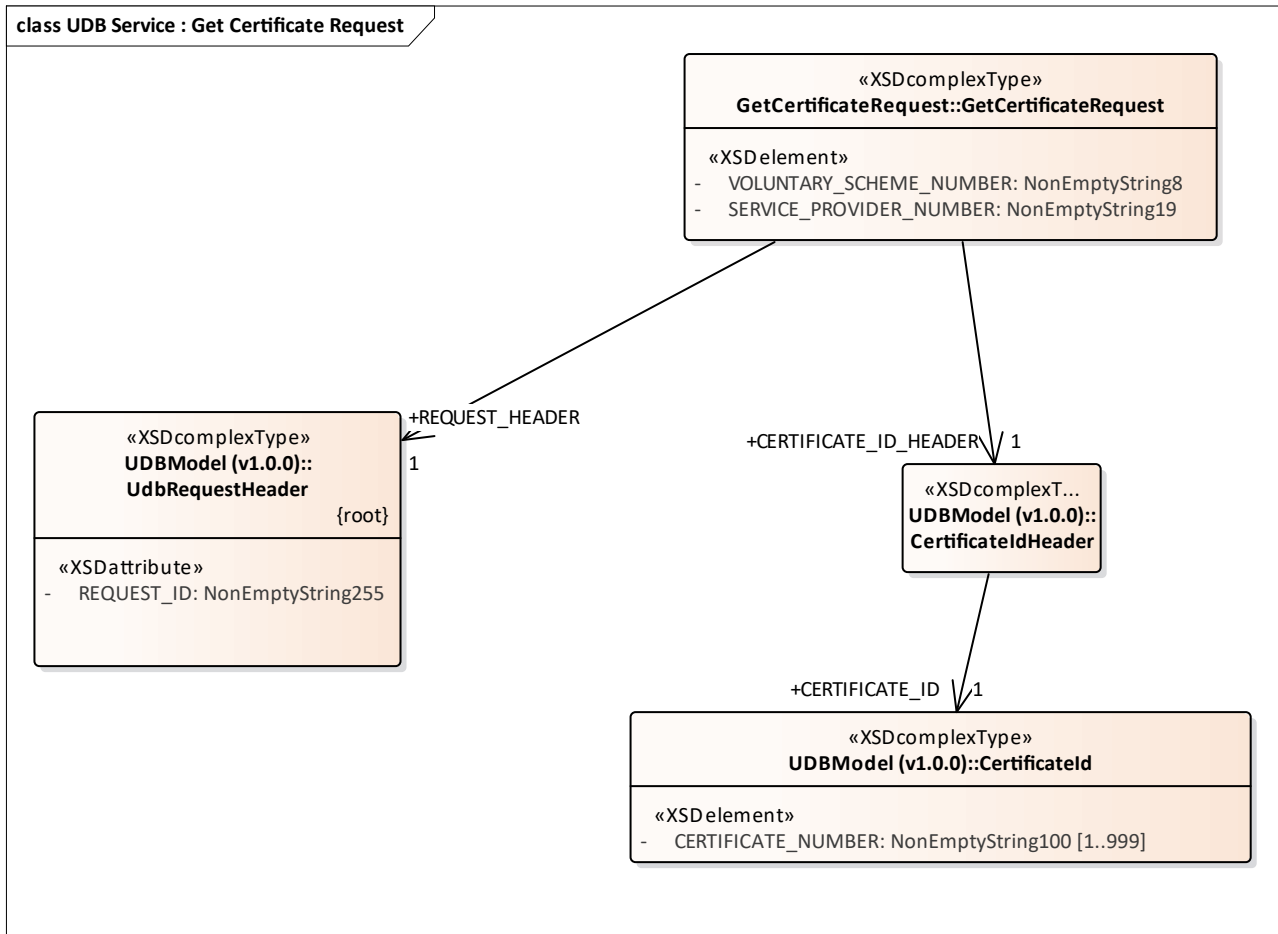


Figure 21: UDB Service : Get Certificate Request

### 3.1.1.21 UDB Service : Get Certificate Response diagram

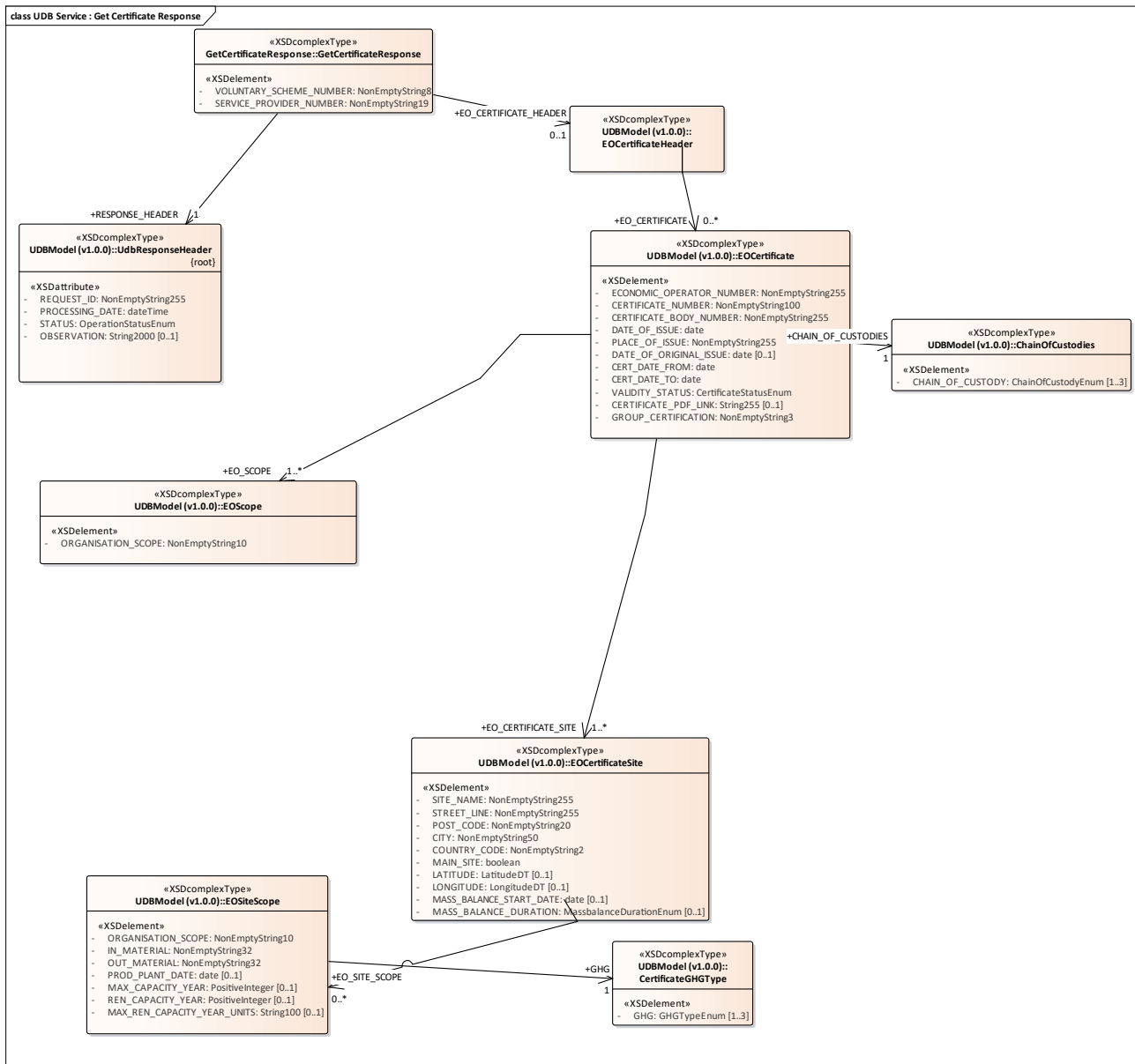


Figure 22: UDB Service : Get Certificate Response

### 3.1.1.22 UDB Service : Get Gas EO List Request diagram

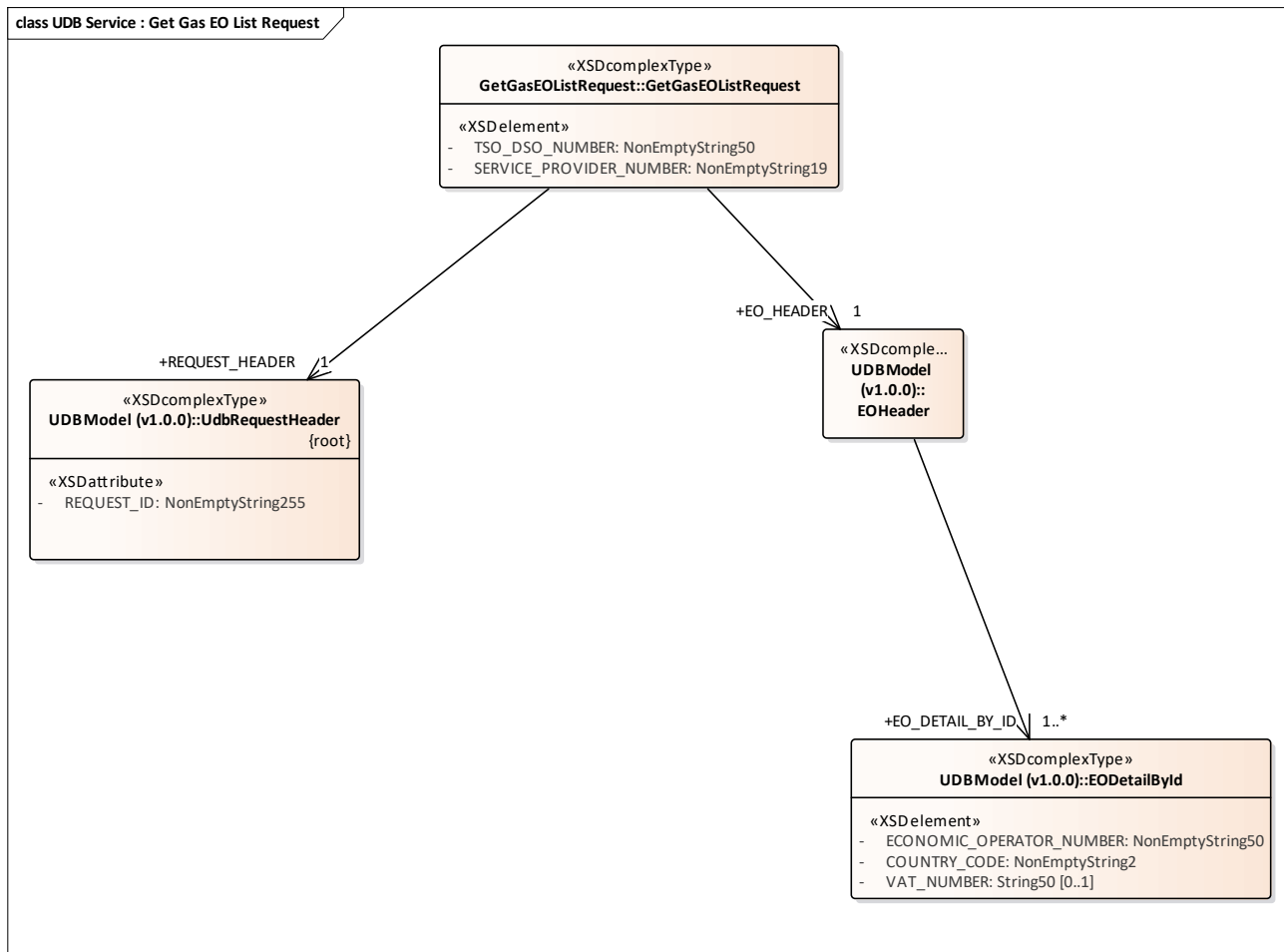


Figure 23: UDB Service : Get Gas EO List Request

### 3.1.1.23 UDB Service : Get Gas EO List Response diagram

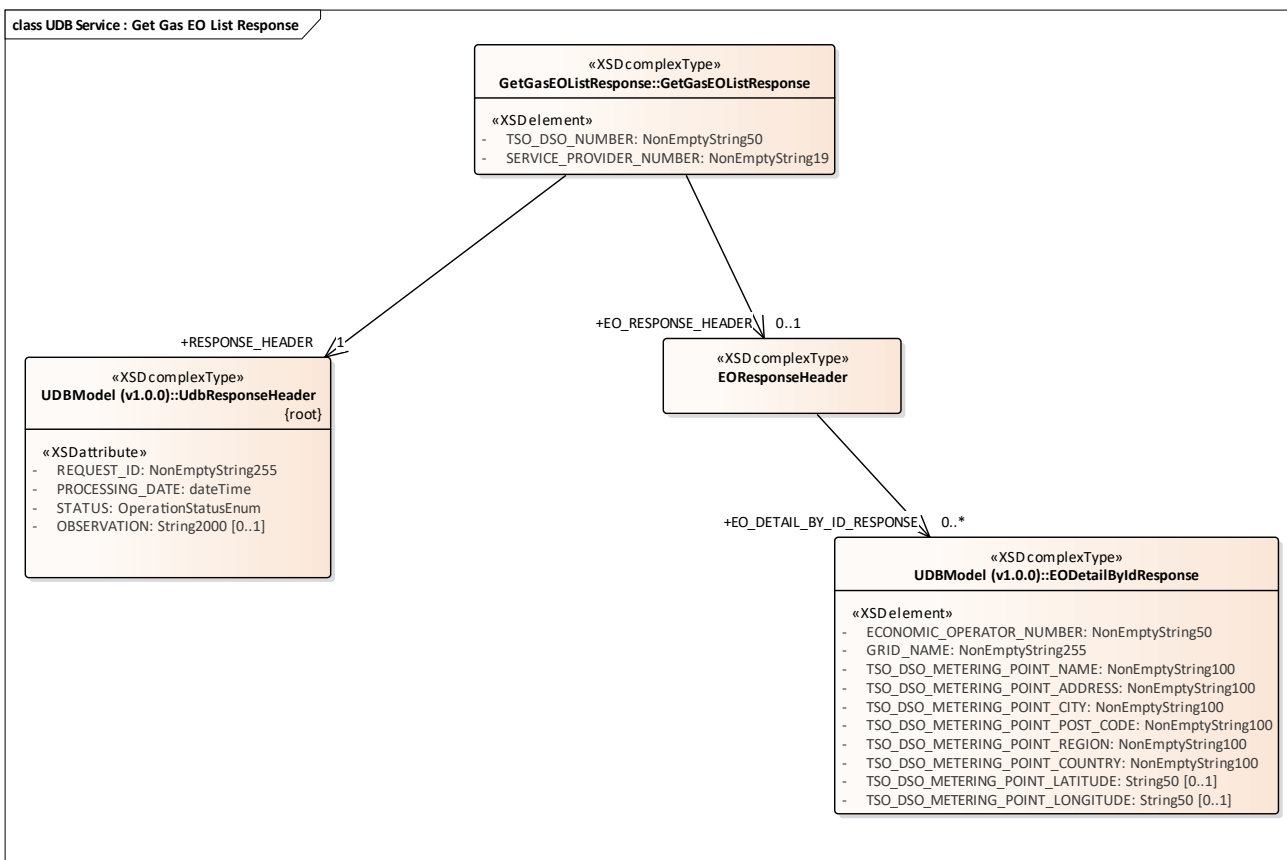


Figure 24: UDB Service : Get Gas EO List Response

### 3.1.1.24 UDB Service : Get Gas Injection Request diagram

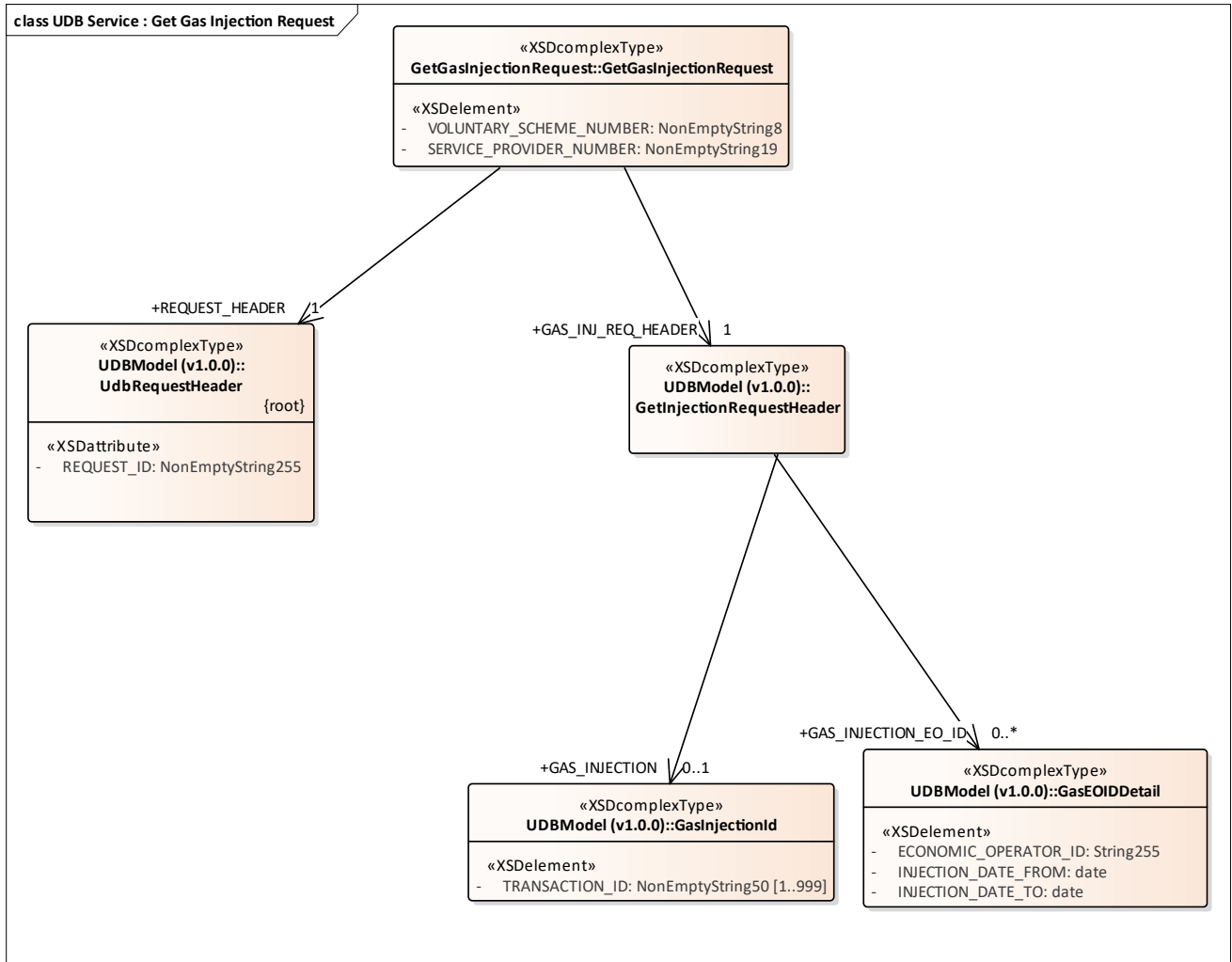


Figure 25: UDB Service : Get Gas Injection Request

### 3.1.1.25 UDB Service : Get Gas Injection Response diagram

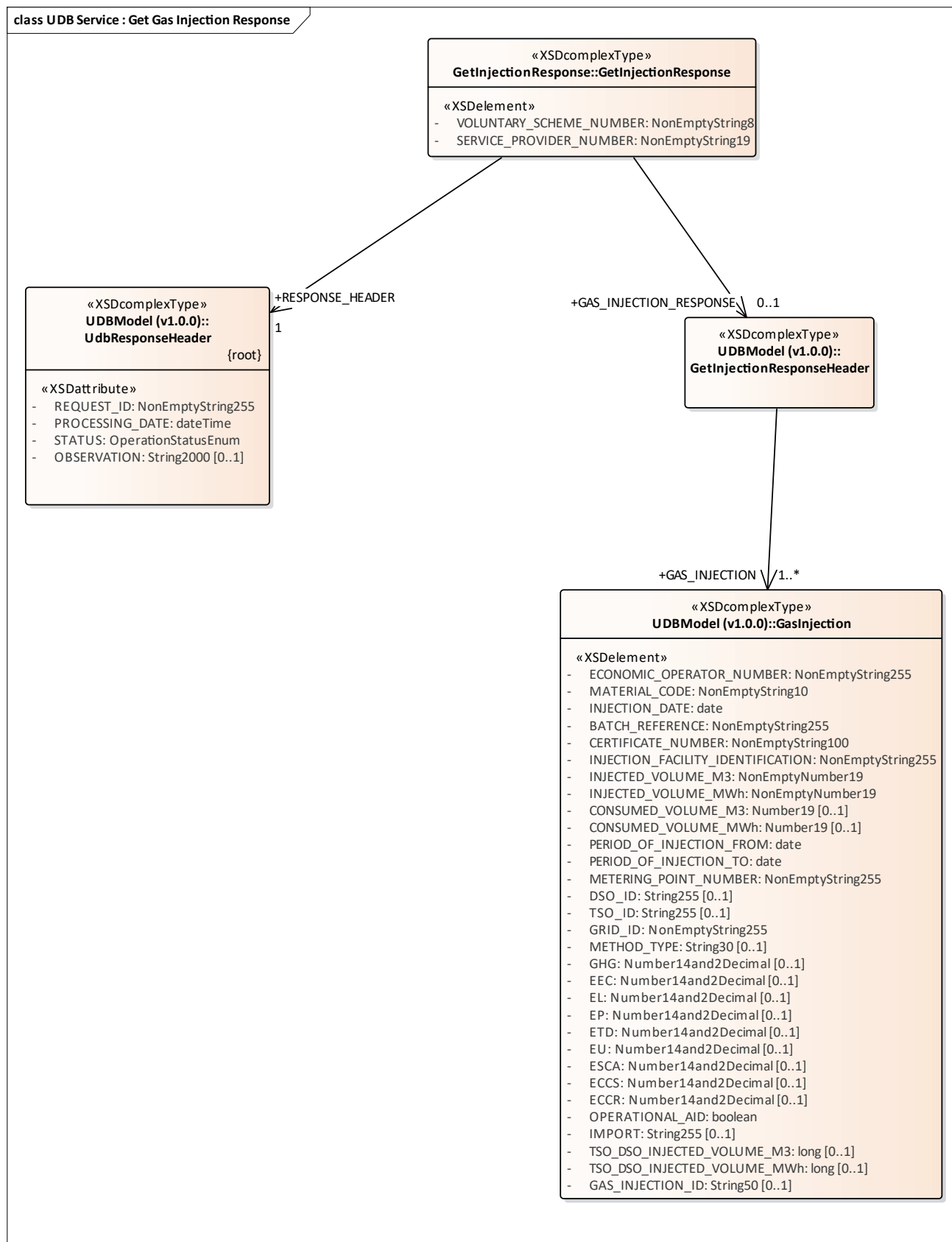


Figure 26: UDB Service : Get Gas Injection Response

### 3.1.1.26 UDB Service : Get Material Process List Request diagram

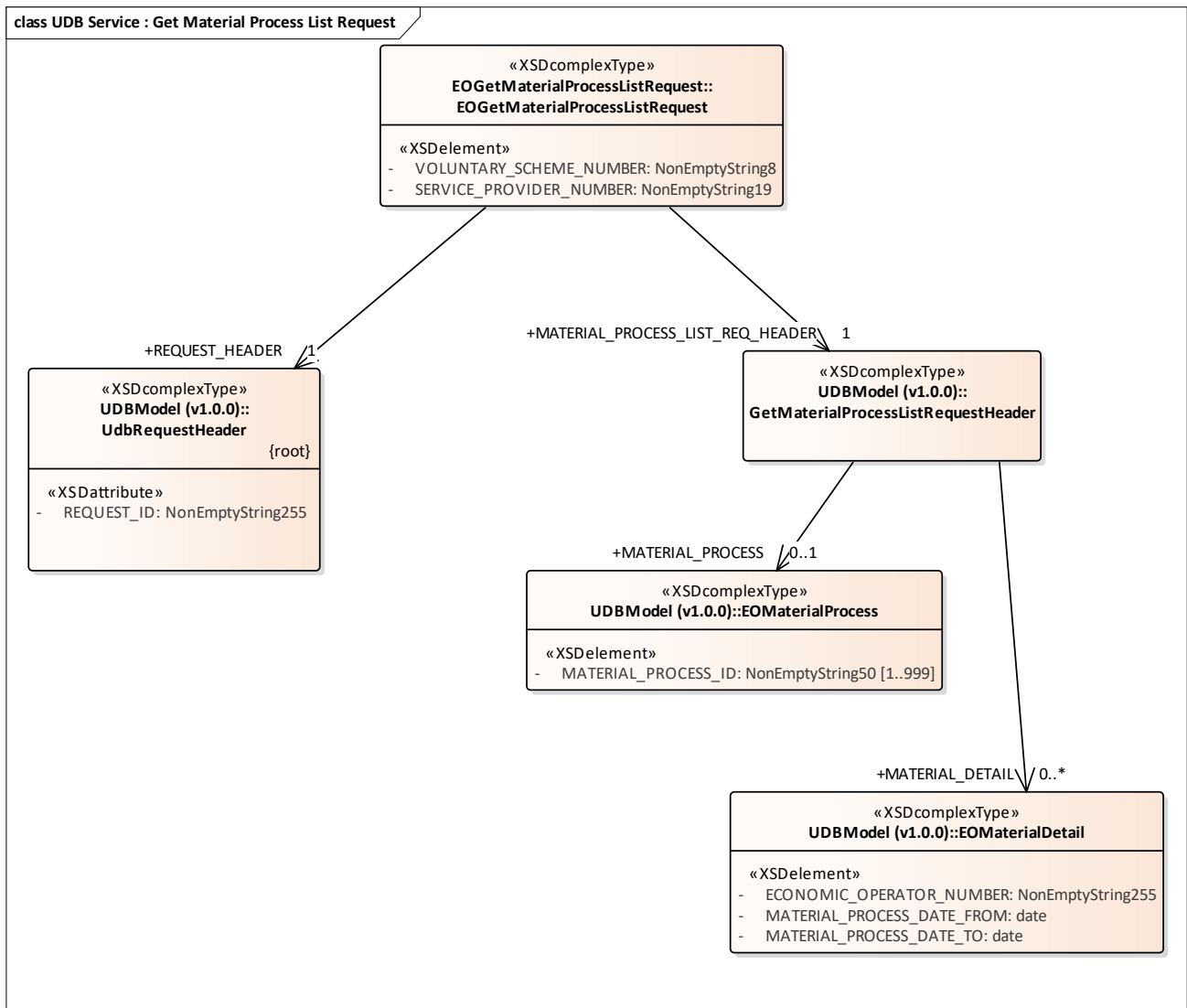


Figure 27: UDB Service : Get Material Process List Request

### 3.1.1.27 UDB Service : Get Material Process List Response diagram

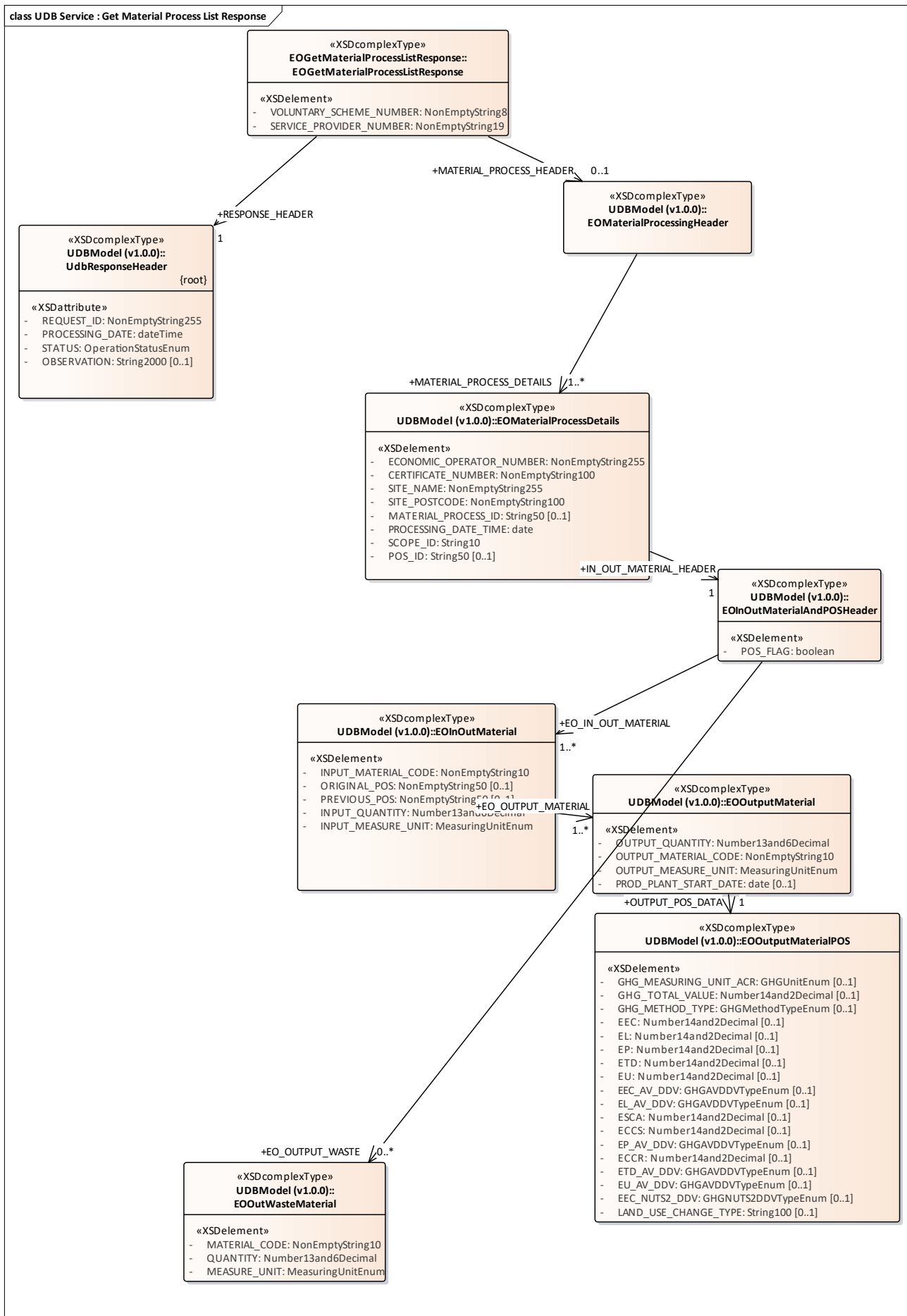


Figure 28: UDB Service : Get Material Process List Response

### 3.1.1.28 UDB Service : Get POS List Request diagram

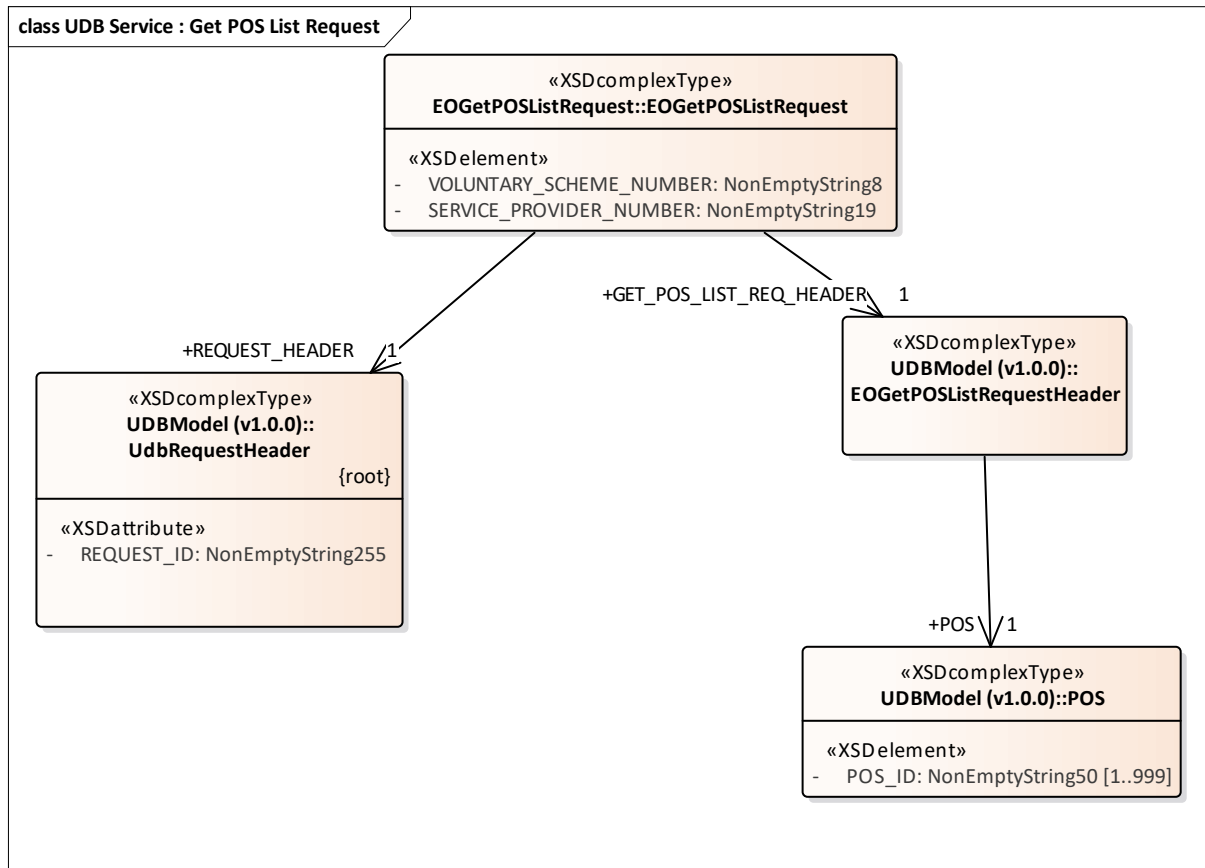


Figure 29: UDB Service : Get POS List Request

### 3.1.1.29 UDB Service : Get POS List Response diagram



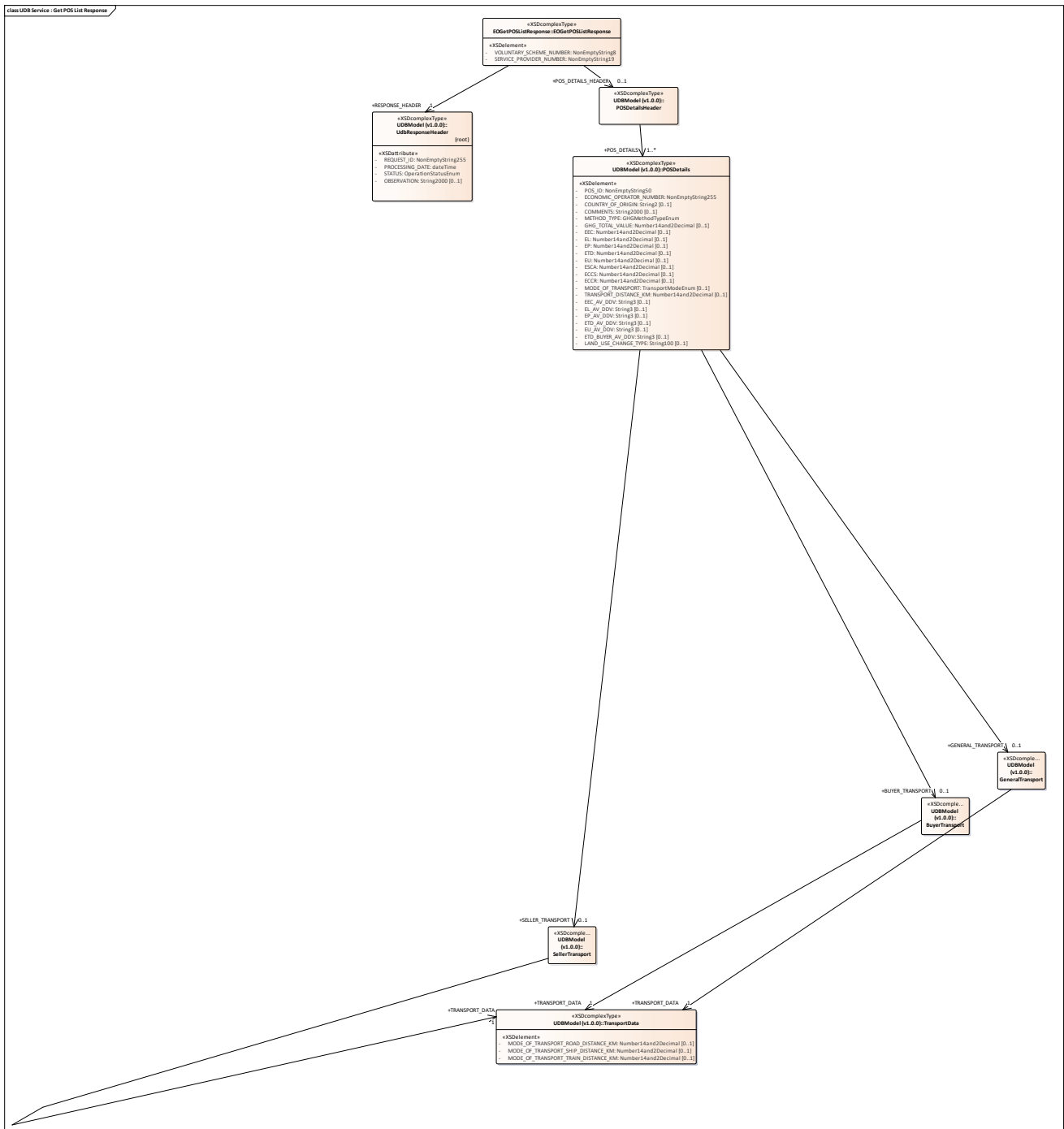


Figure 30: UDB Service : Get POS List Response

### 3.1.1.30 UDB Service : Get Transaction Request diagram

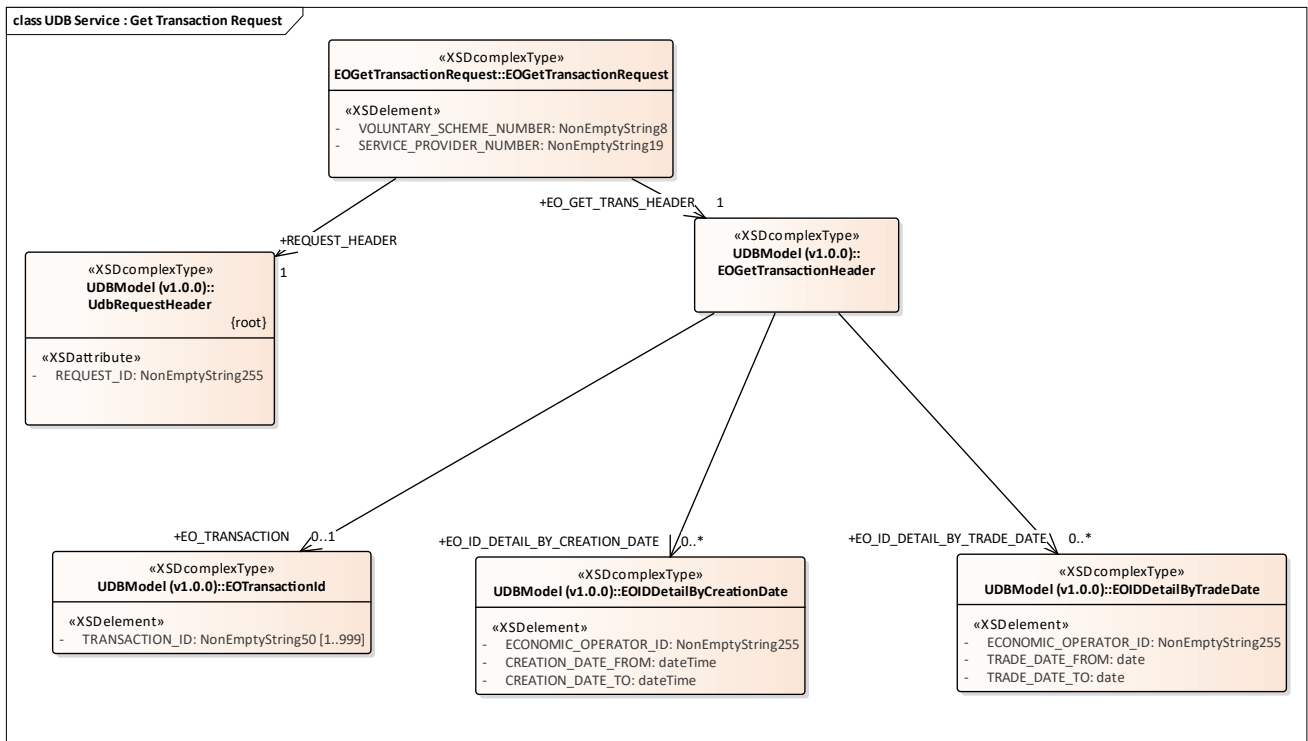


Figure 31: UDB Service : Get Transaction Request

### 3.1.1.31 UDB Service : Get Transaction Response diagram

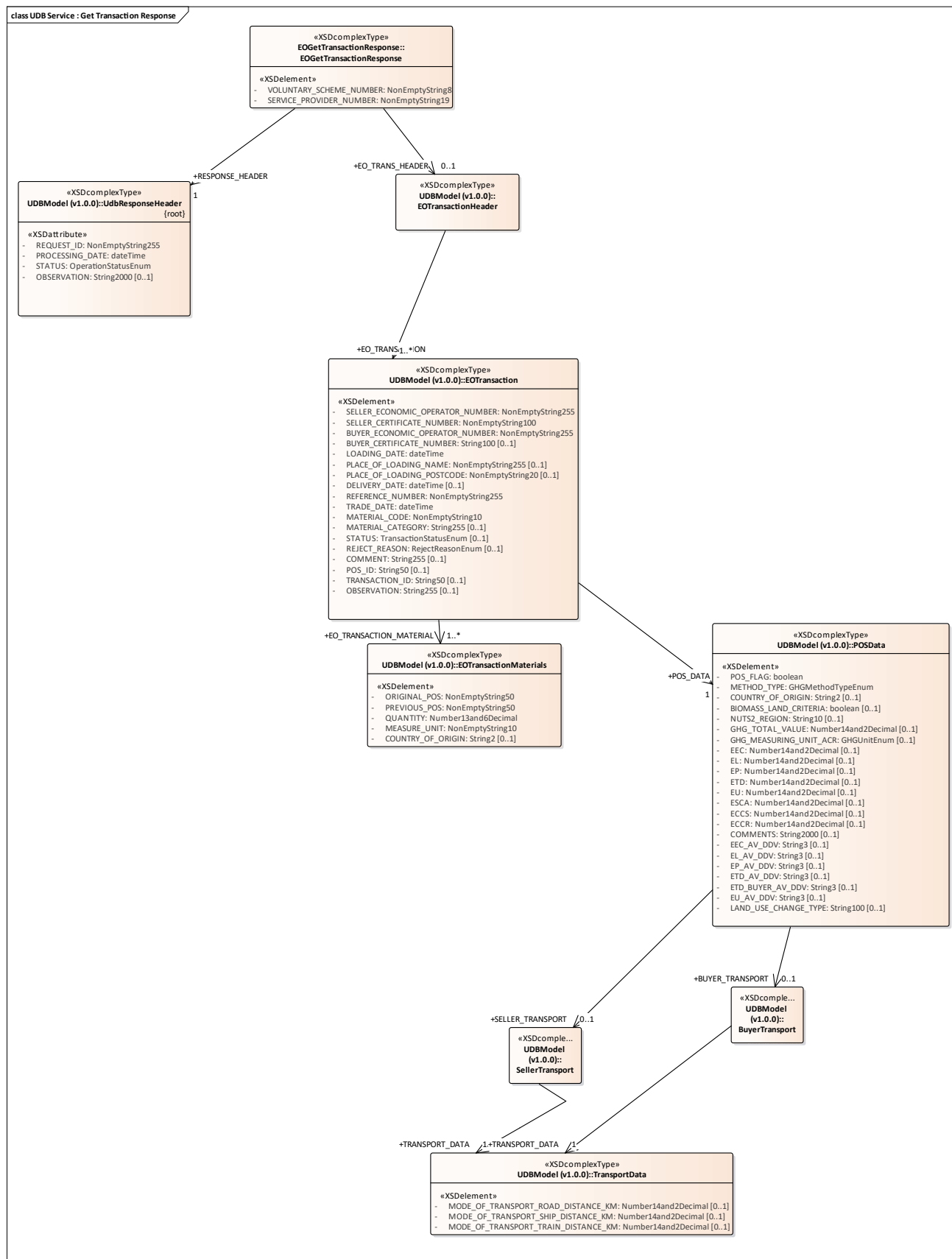


Figure 32: UDB Service : Get Transaction Response

### 3.1.1.32 UDB Service : Transaction Buyer Notification diagram

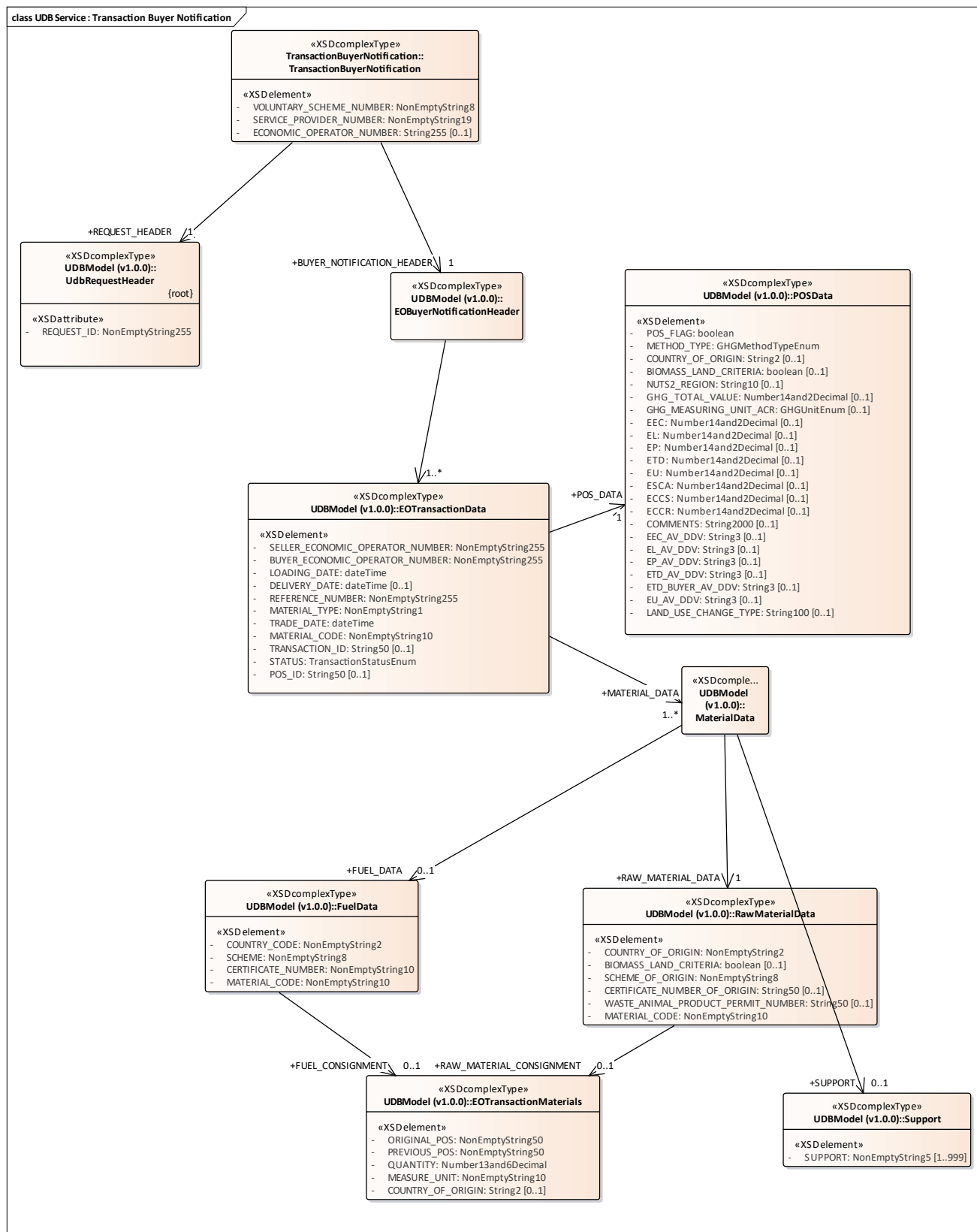


Figure 33: UDB Service : Transaction Buyer Notification

### 3.1.1.33 UDB Service : Transaction Seller Notification diagram

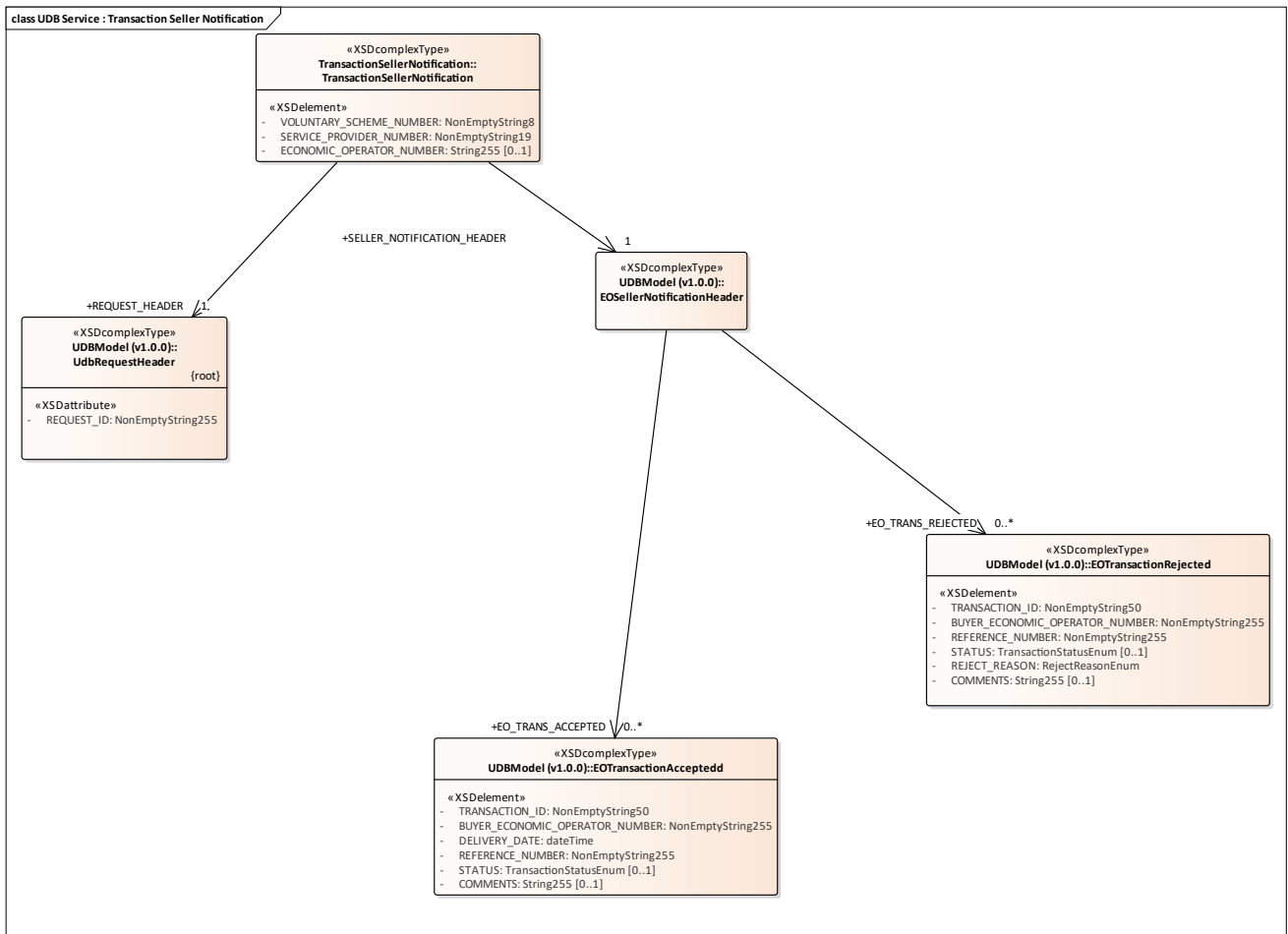


Figure 34: UDB Service : Transaction Seller Notification

### 3.1.1.34 UDB Service : Update Gas Sustainability Request diagram

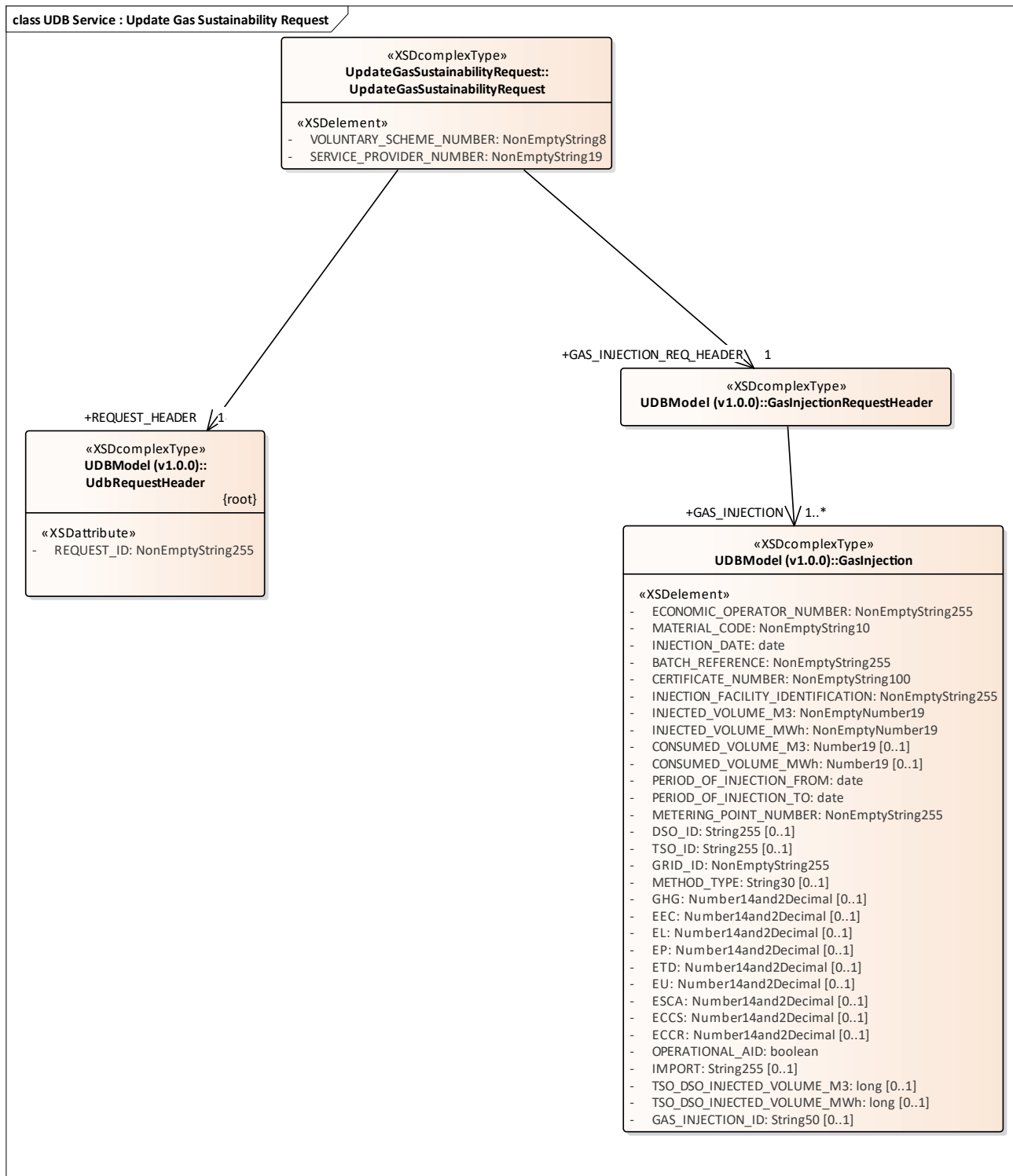


Figure 35: UDB Service : Update Gas Sustainability Request

### 3.1.1.35 UDB Service : Update Gas Sustainability Response diagram

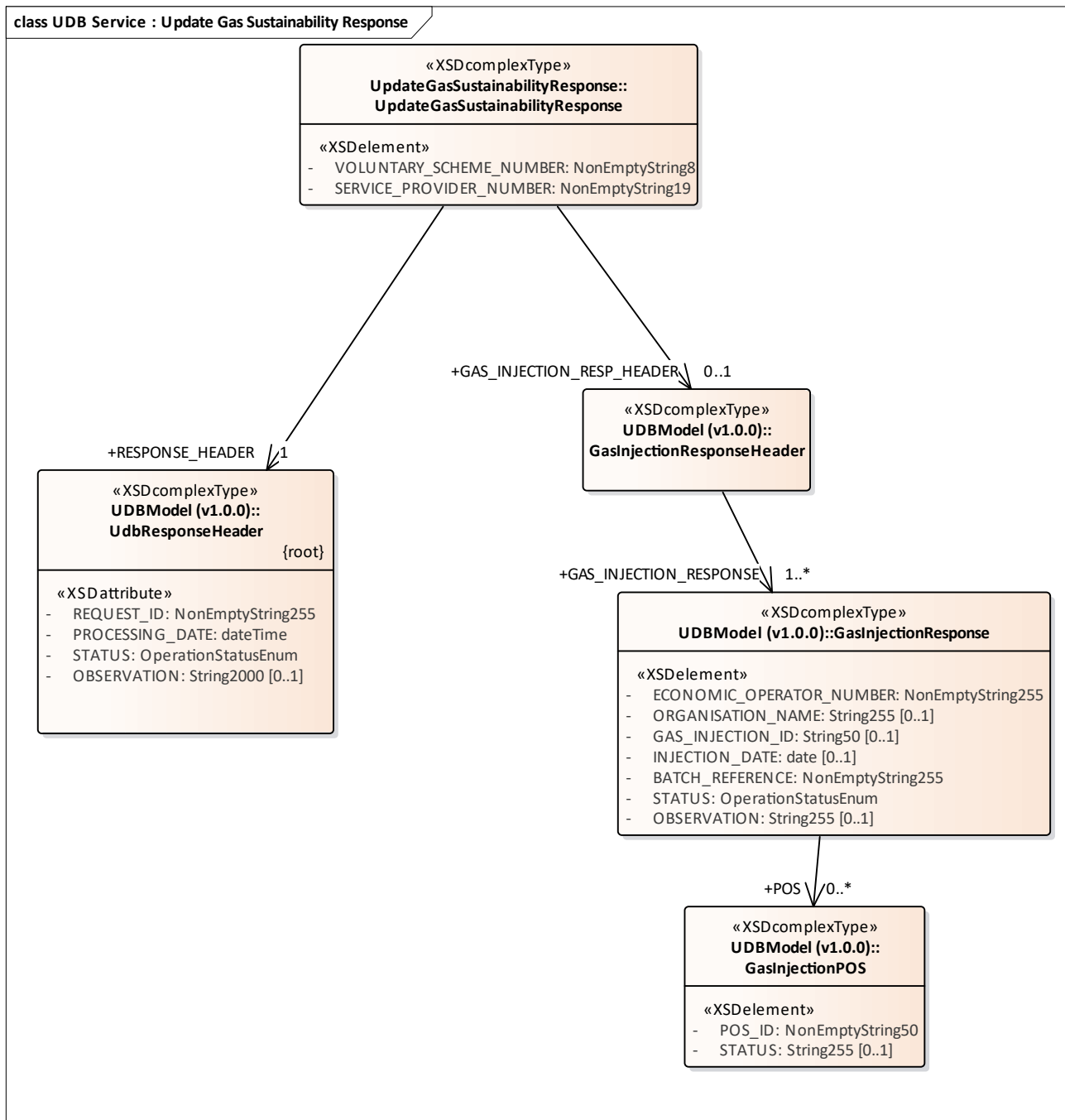


Figure 36: UDB Service : Update Gas Sustainability Response

### 3.1.1.36 UDB Service : Update POS Request diagram

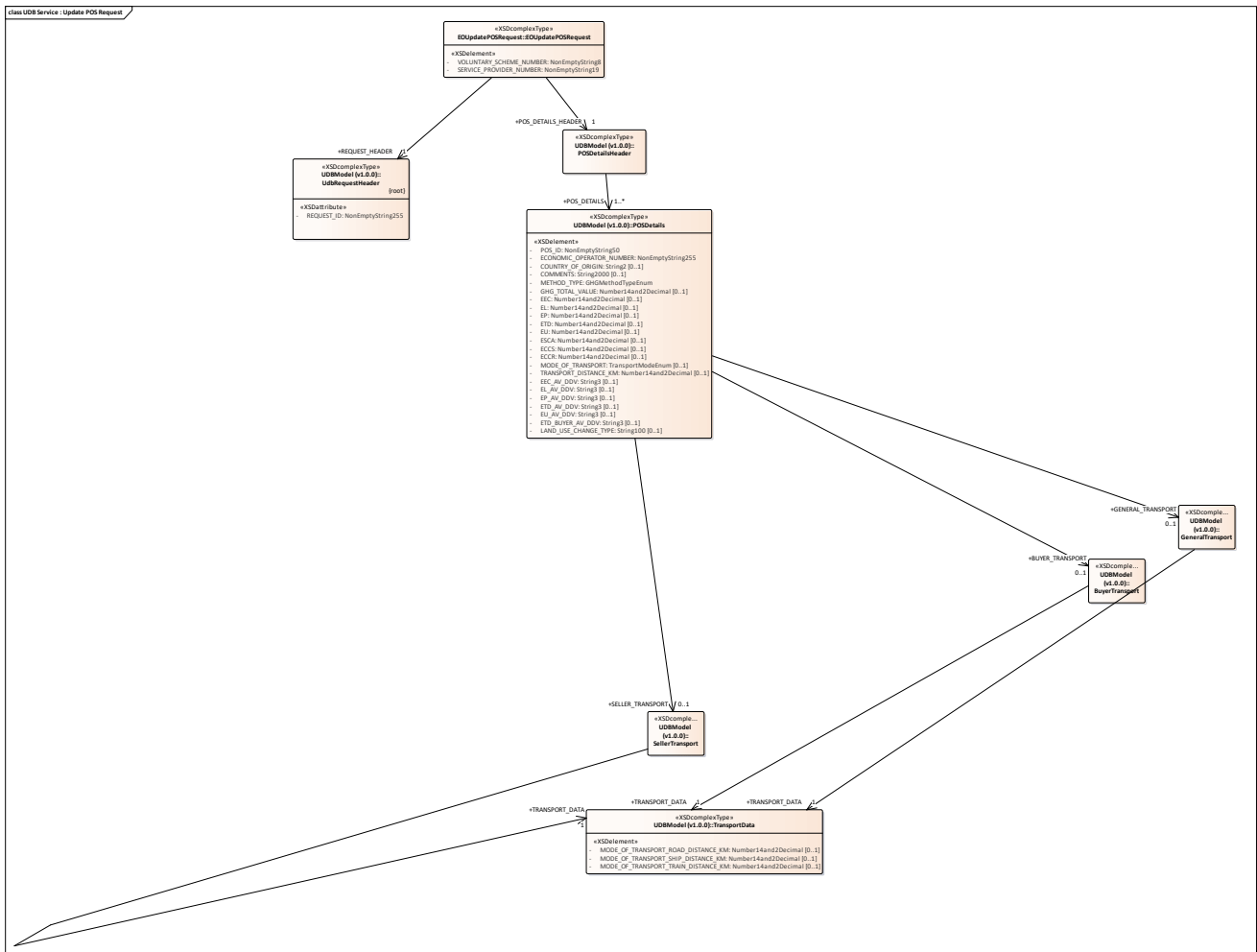


Figure 37: UDB Service : Update POS Request

### 3.1.1.37 UDB Service : Update POS Response diagram



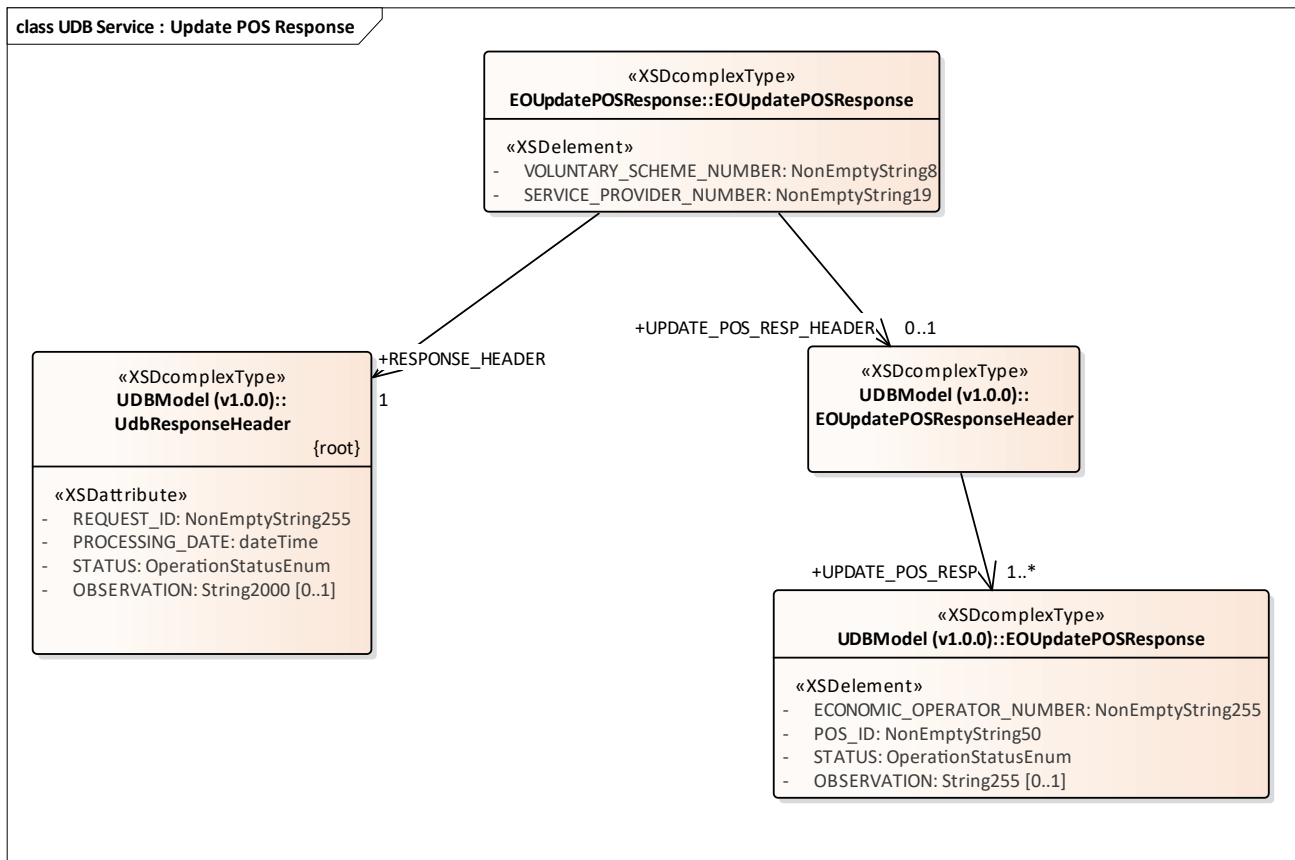


Figure 38: UDB Service : Update POS Response

### 3.1.1.38 UDB service : Add FGP Transaction Request diagram

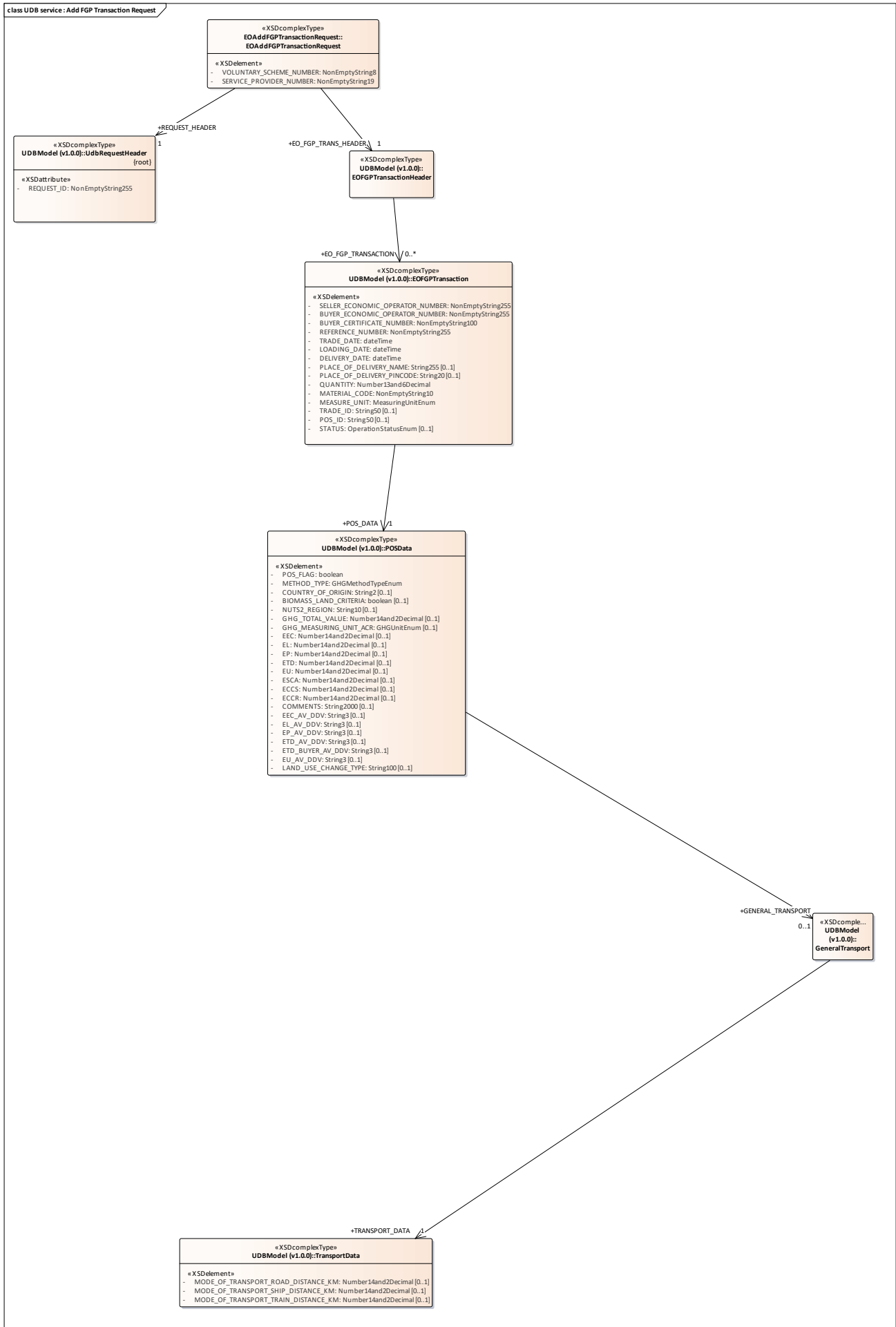


Figure 39: UDB service : Add FGP Transaction Request

### 3.1.1.39 UDB service : Add FGP Transaction Response diagram

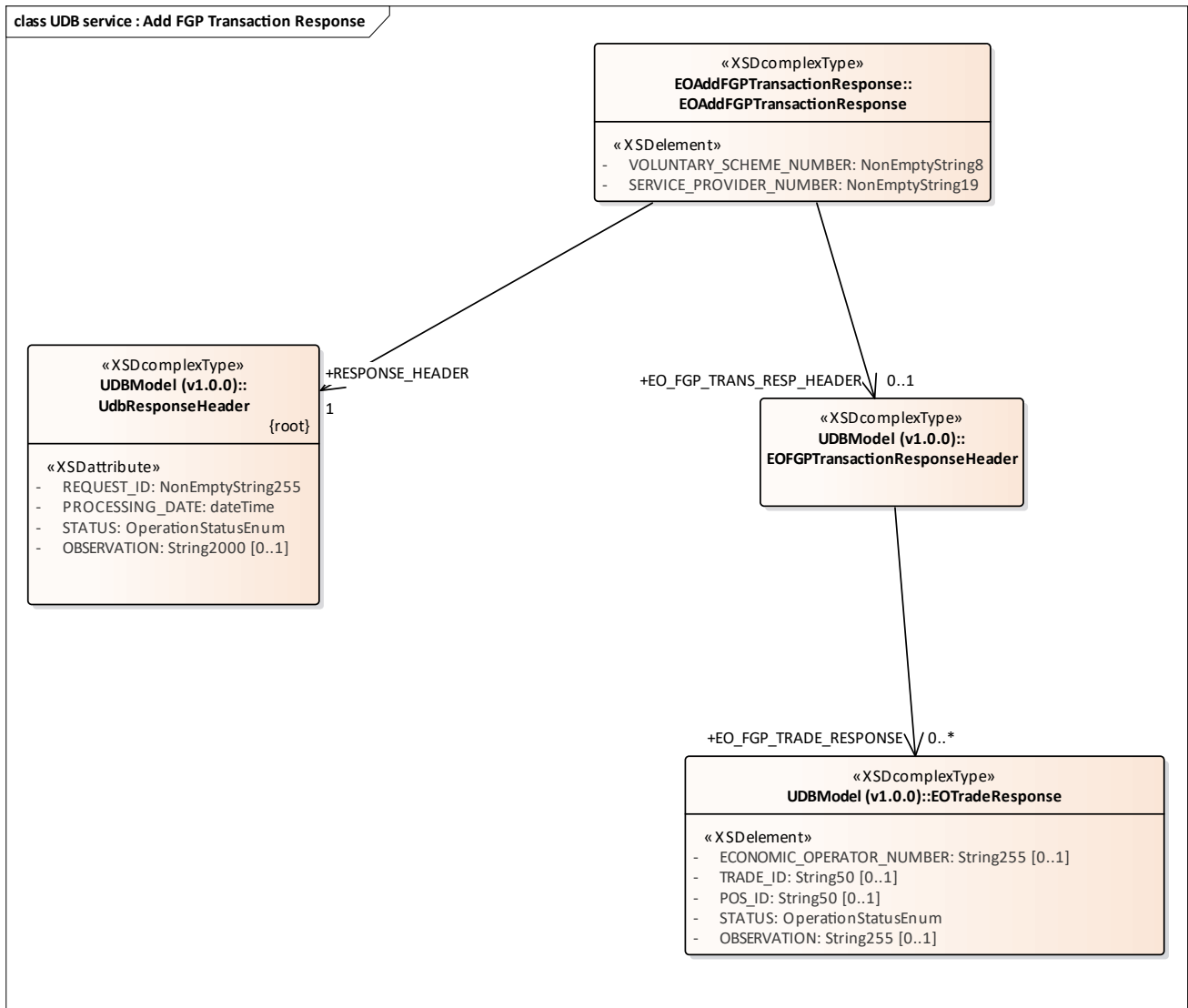


Figure 40: UDB service : Add FGP Transaction Response

### 3.1.1.40 UDB service : Add Gas Withdrawal Request diagram

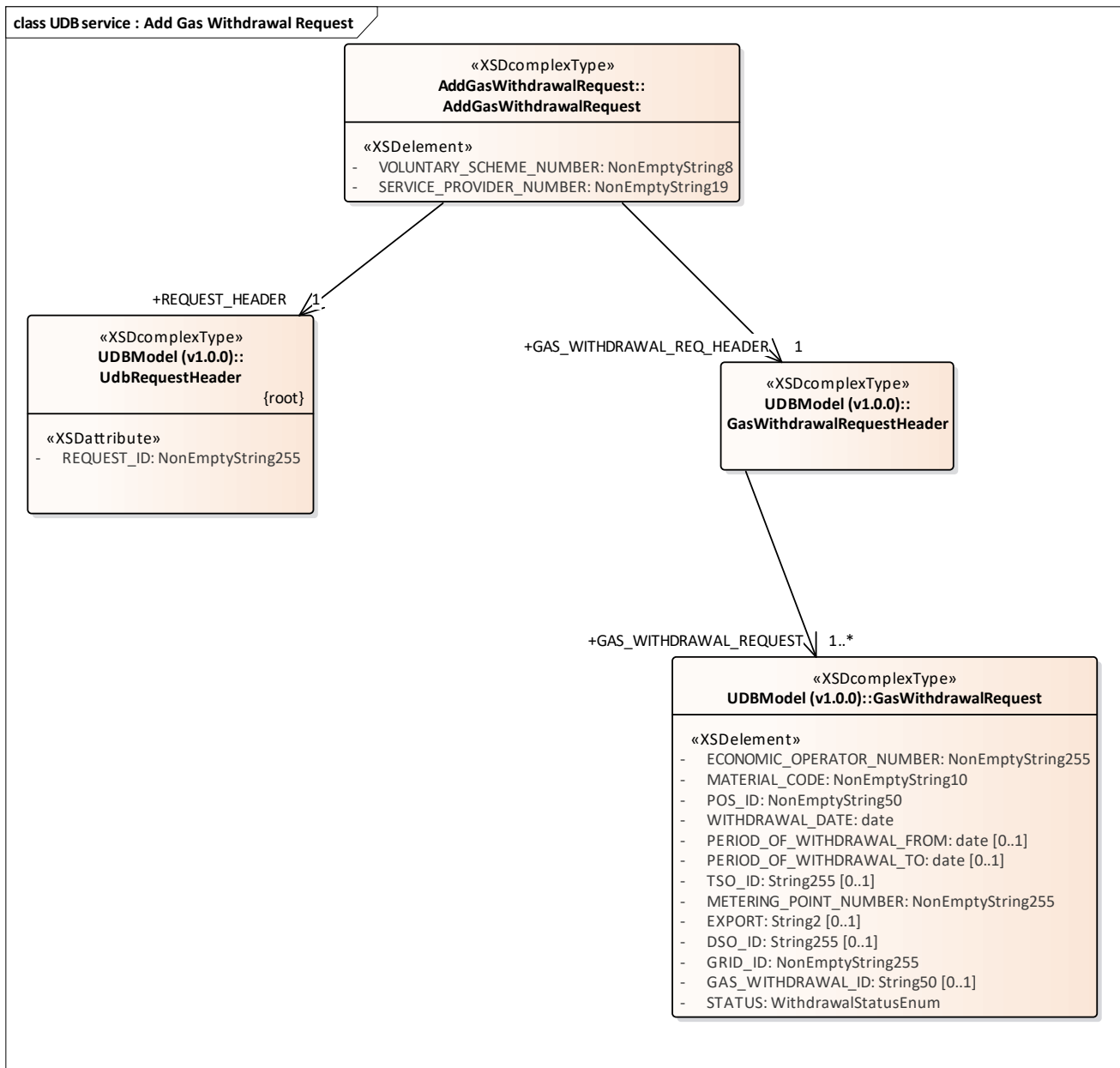


Figure 41: UDB service : Add Gas Withdrawal Request

### 3.1.1.41 UDB service : Add Gas Withdrawal Response diagram

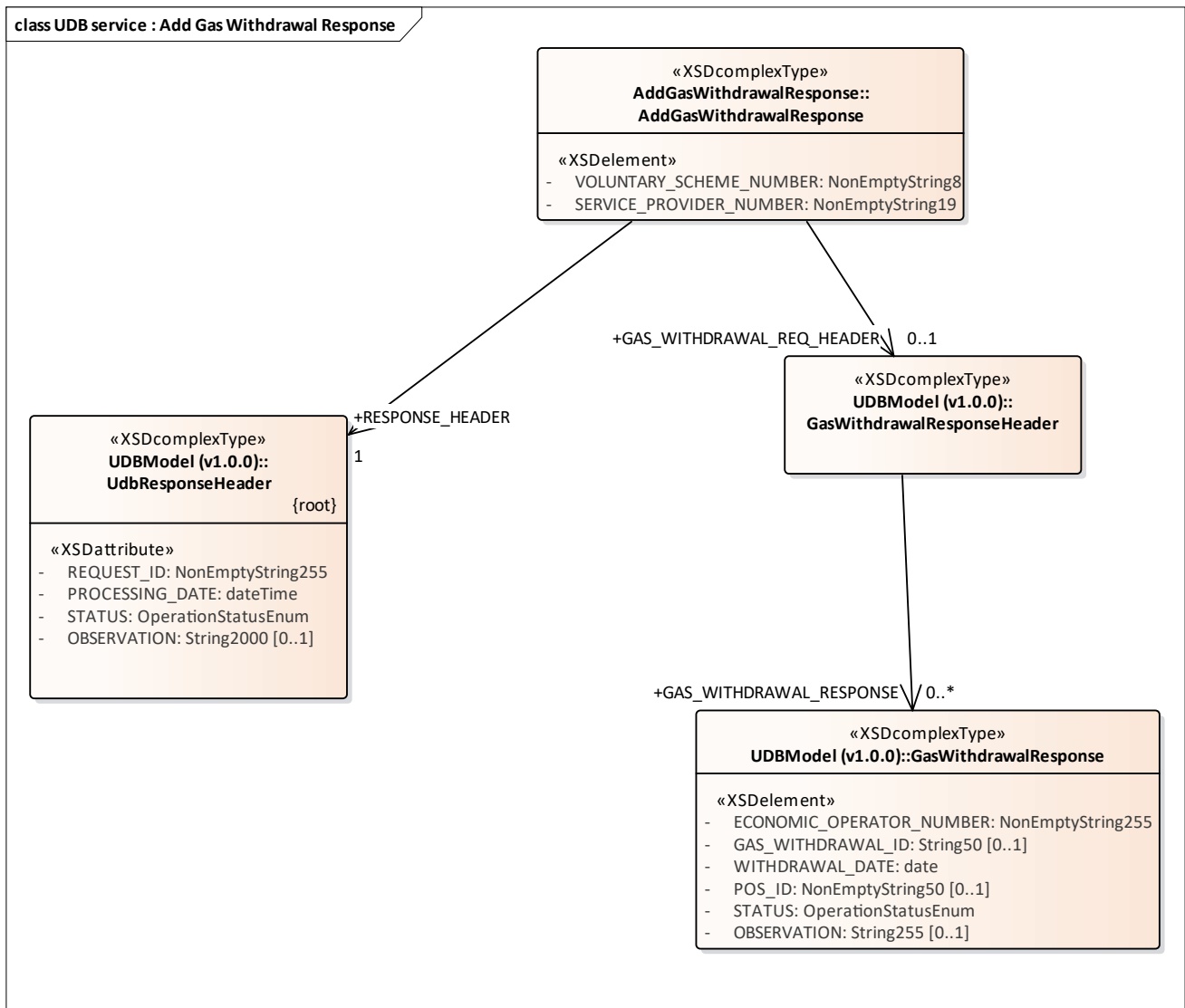


Figure 42: UDB service : Add Gas Withdrawal Response

### 3.1.1.42 UDB service : Add Point of Origin Trade Request diagram

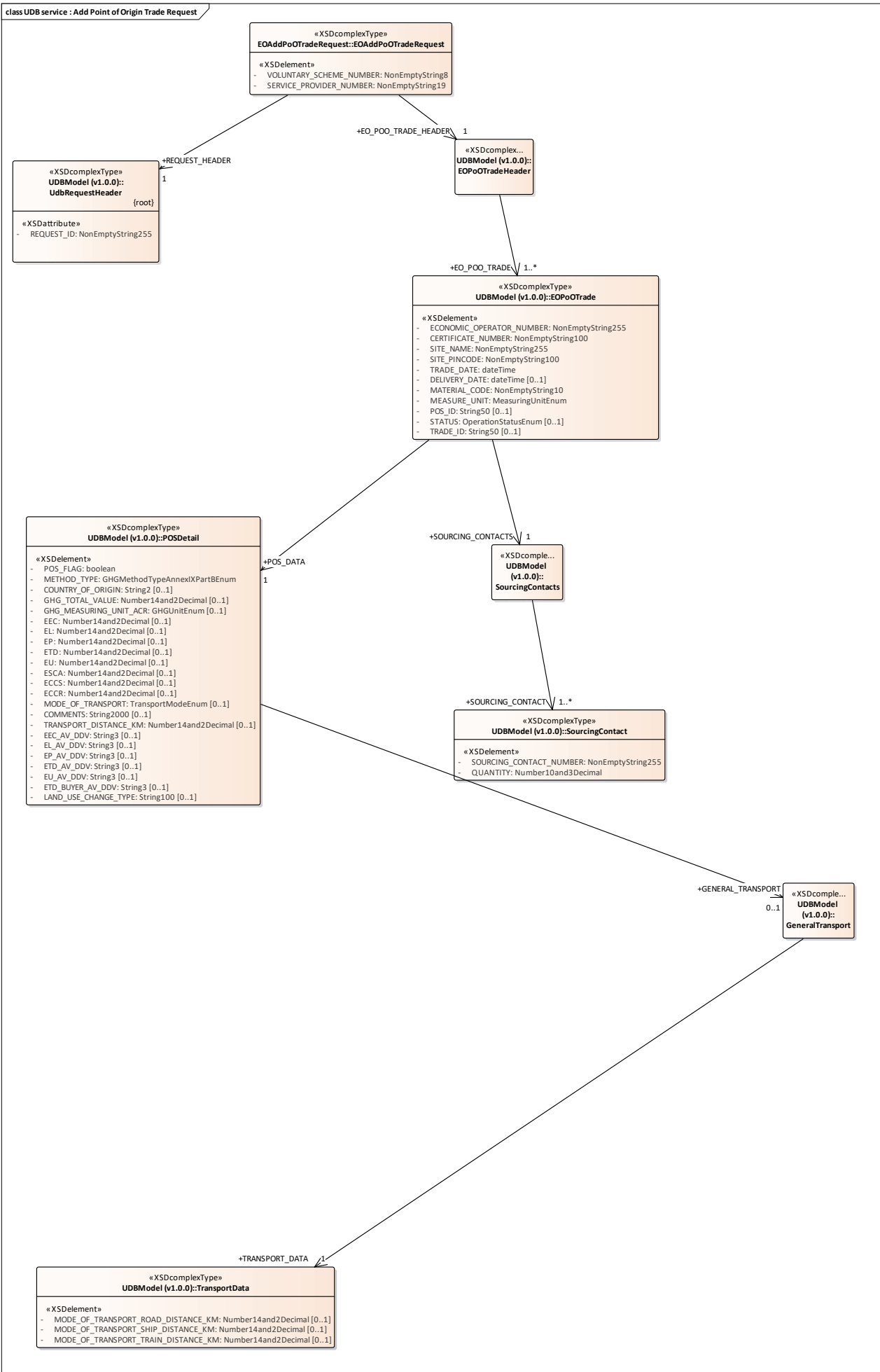


Figure 43: UDB service : Add Point of Origin Trade Request

### 3.1.1.43 UDB service : Add Point of Origin Trade Response diagram

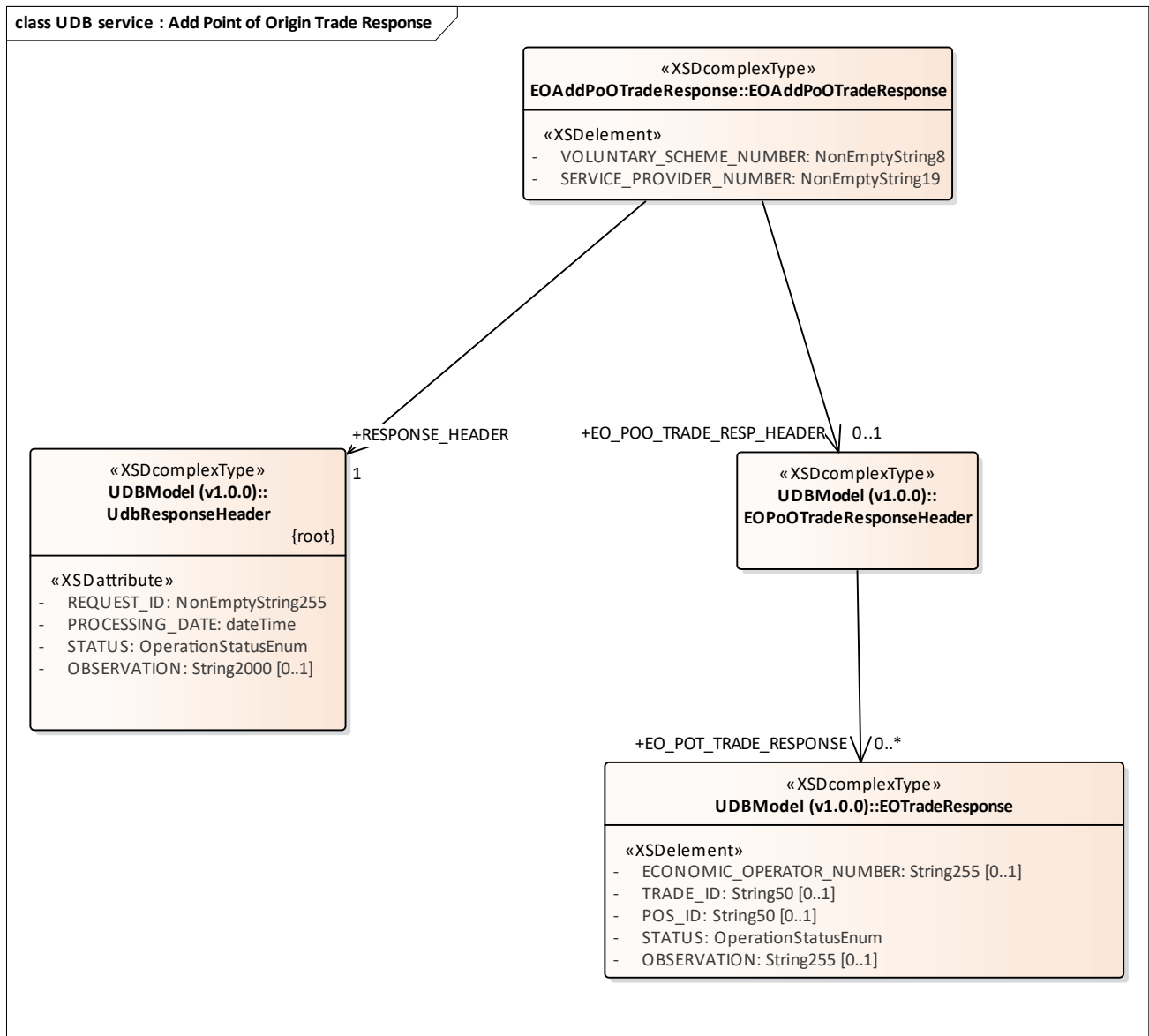


Figure 44: UDB service : Add Point of Origin Trade Response

### 3.1.1.44 UDB service : Cancel Transaction Request diagram

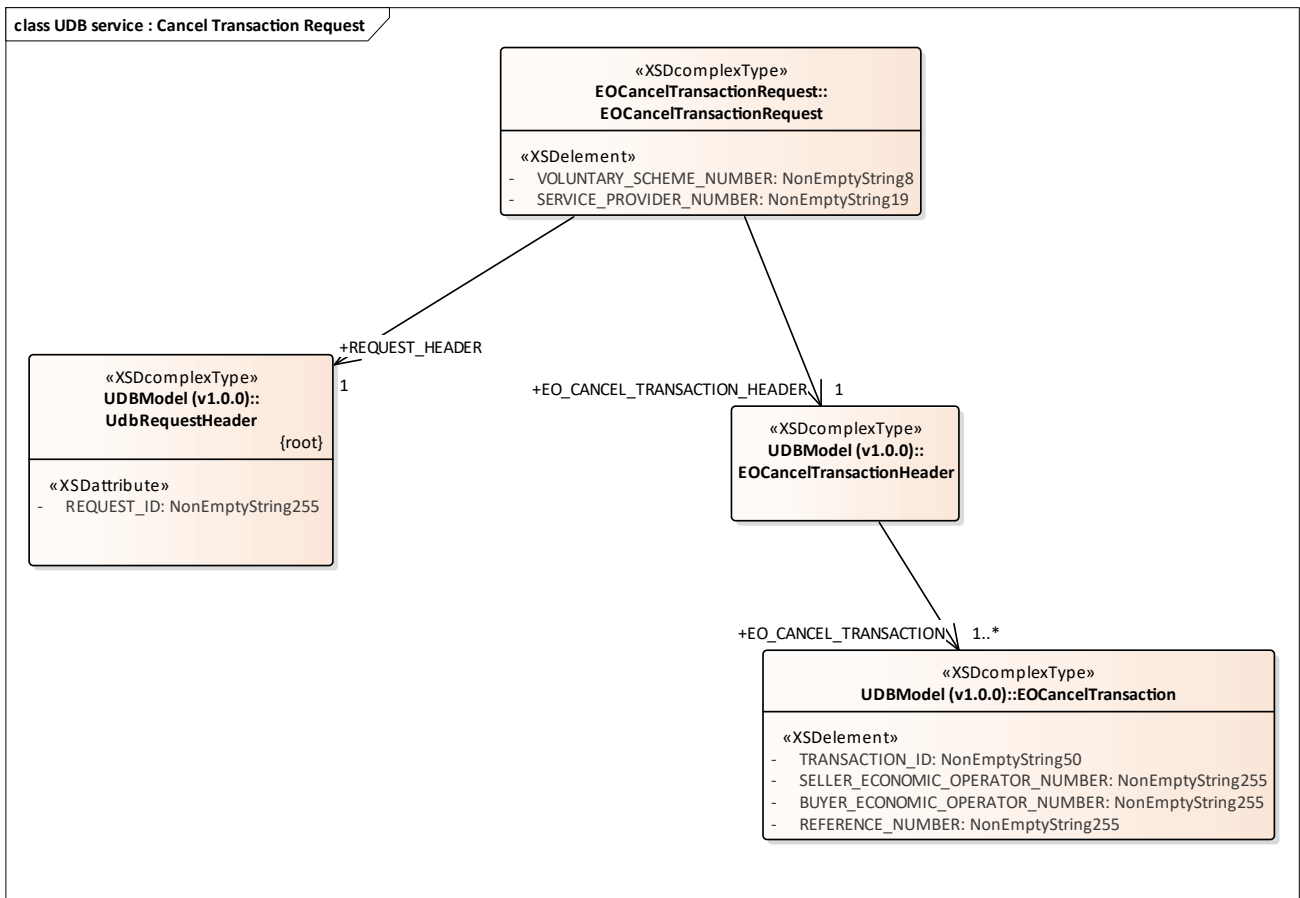


Figure 45: UDB service : Cancel Transaction Request

### 3.1.1.45 UDB service : Cancel Transaction Response diagram



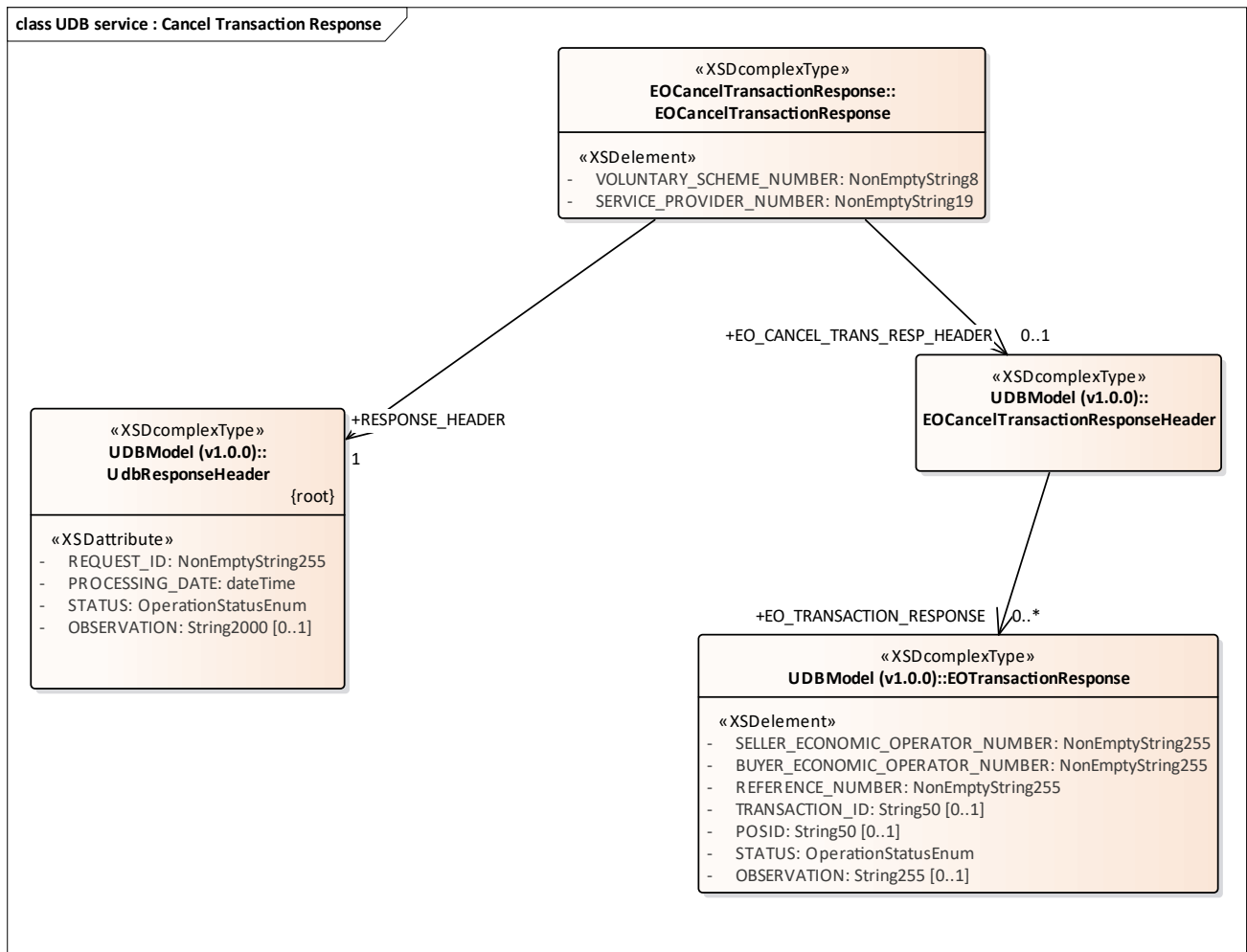


Figure 46: UDB service : Cancel Transaction Response

### 3.1.1.46 UDB service : Confirm Gas Injection Request diagram

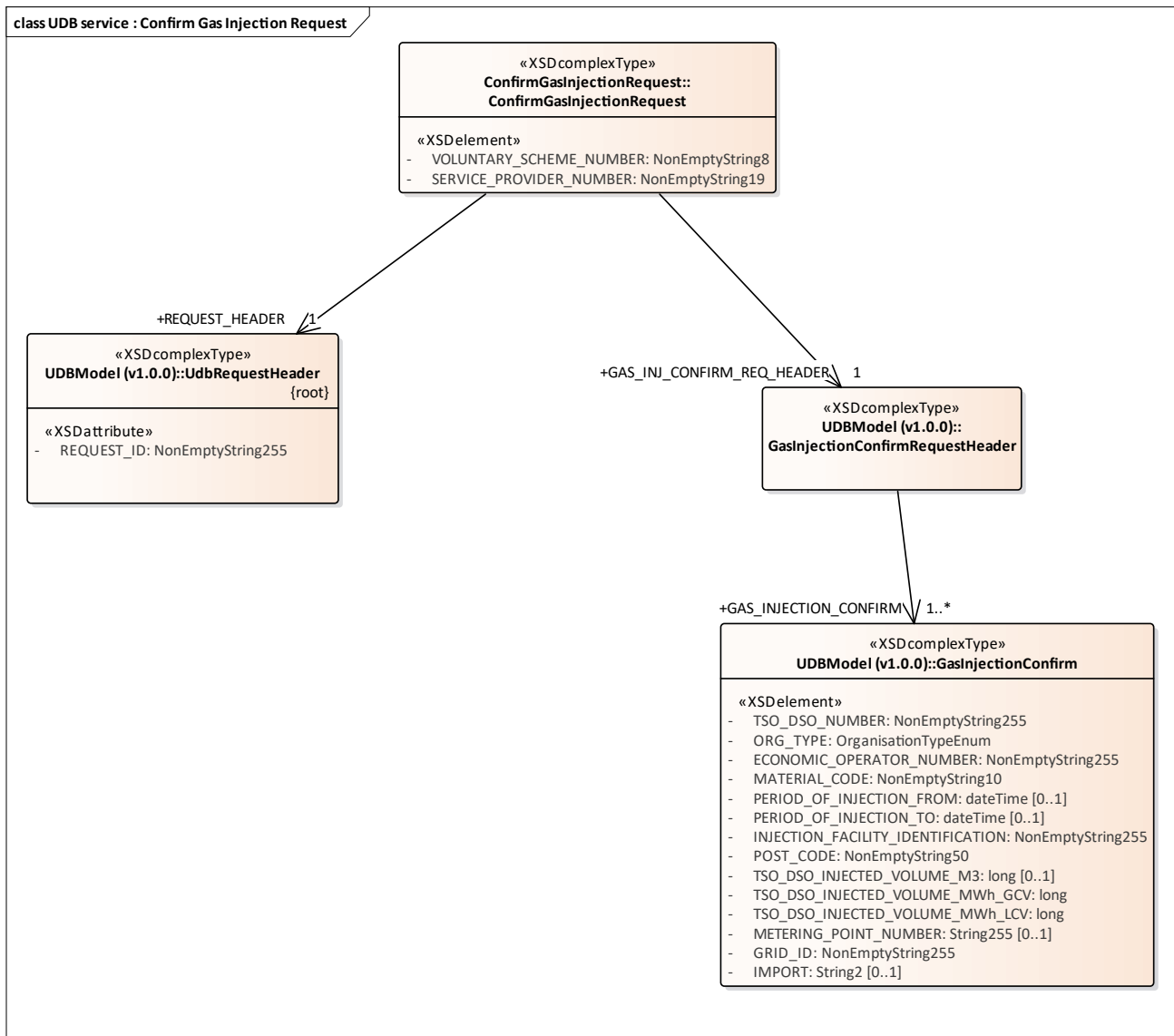


Figure 47: UDB service : Confirm Gas Injection Request

### 3.1.1.47 UDB service : Confirm Gas Injection Respose diagram

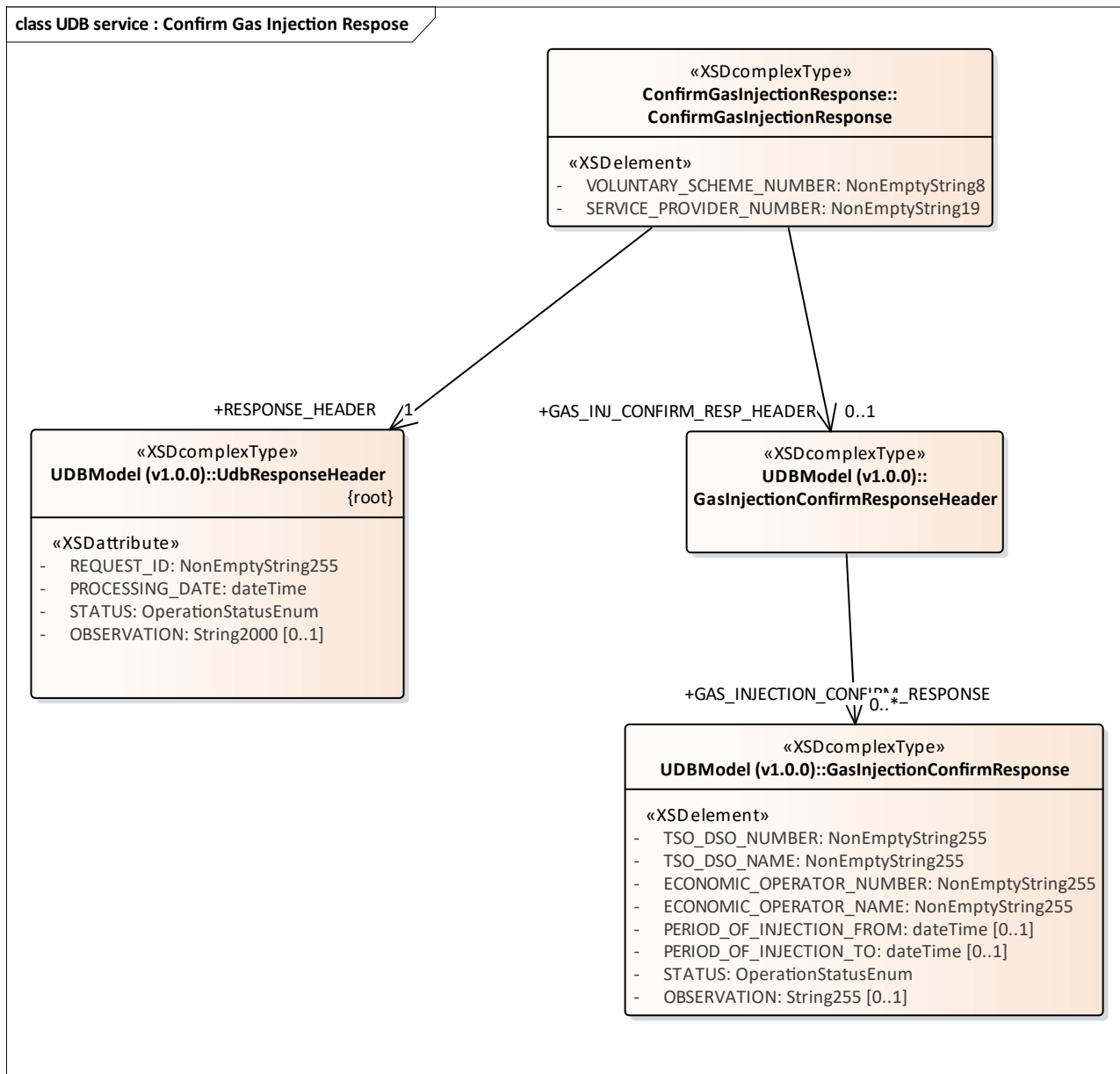


Figure 48: UDB service : Confirm Gas Injection Response

### 3.1.1.48 UDB service : Get FGP Transaction Request diagram

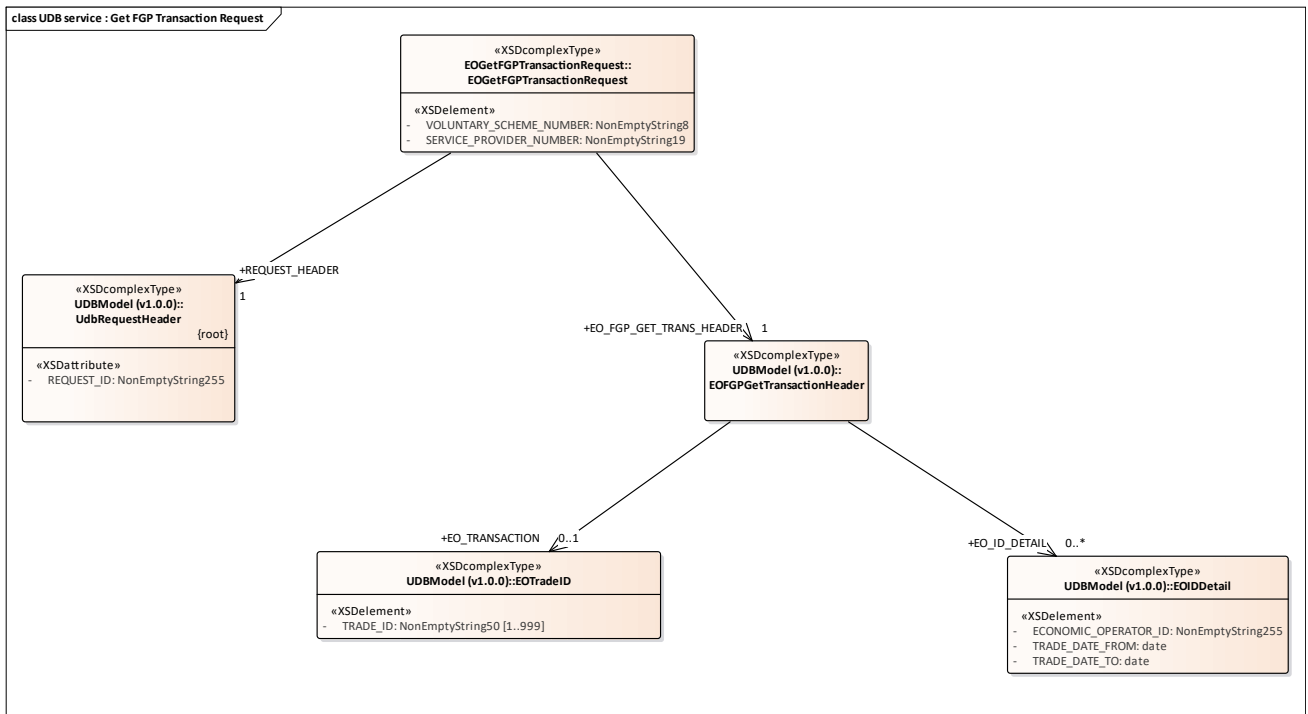


Figure 49: UDB service : Get FGP Transaction Request

### 3.1.1.49 UDB service : Get FGP Transaction Response diagram

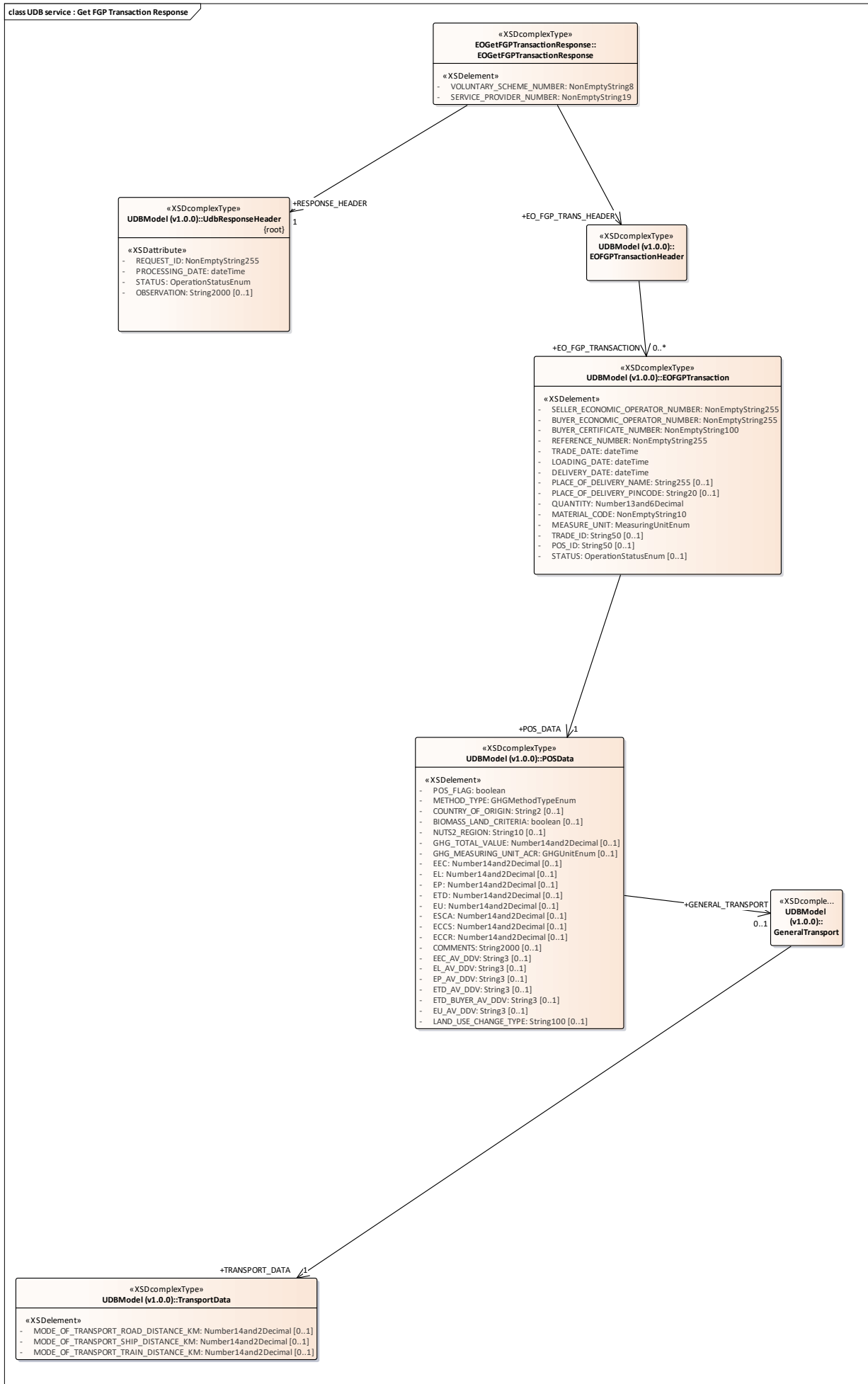


Figure 50: UDB service : Get FGP Transaction Response

### 3.1.1.150 UDB service : Get Initial Stock Request diagram

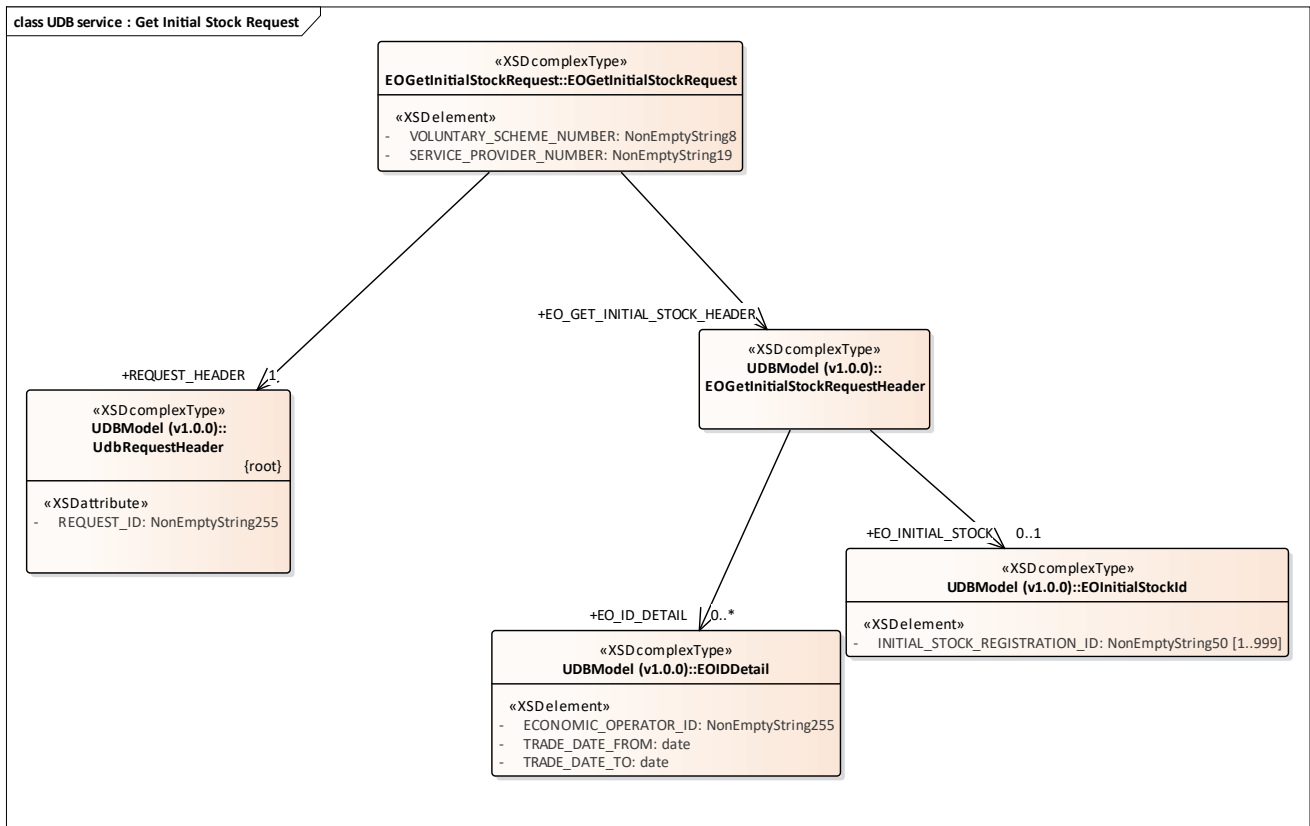


Figure 51: UDB service : Get Initial Stock Request

### 3.1.1.151 UDB service : Get Initial Stock Response diagram

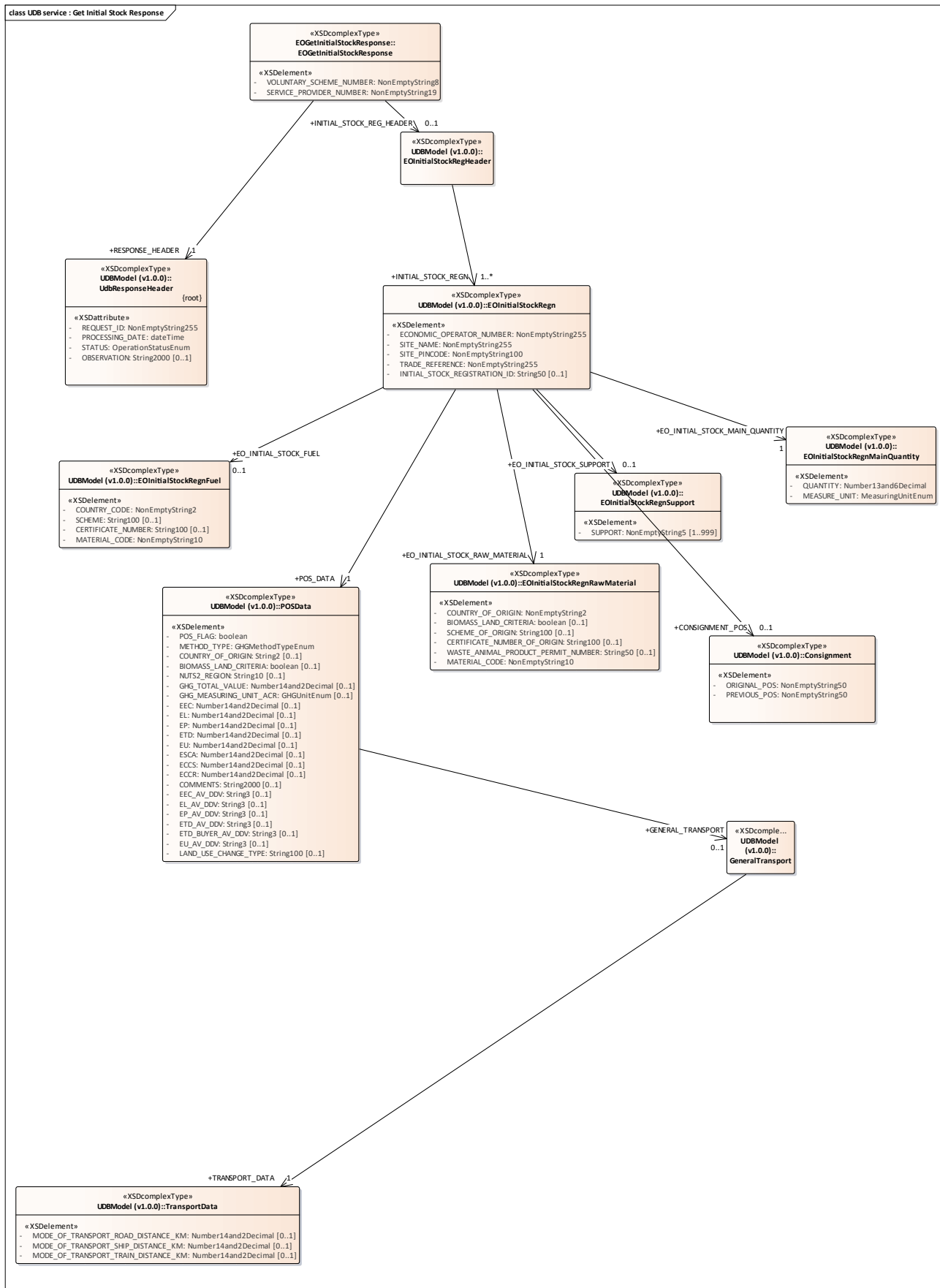


Figure 52: UDB service : Get Initial Stock Response

### 3.1.1.52 UDB service : Get Point of Origin Trade Request diagram

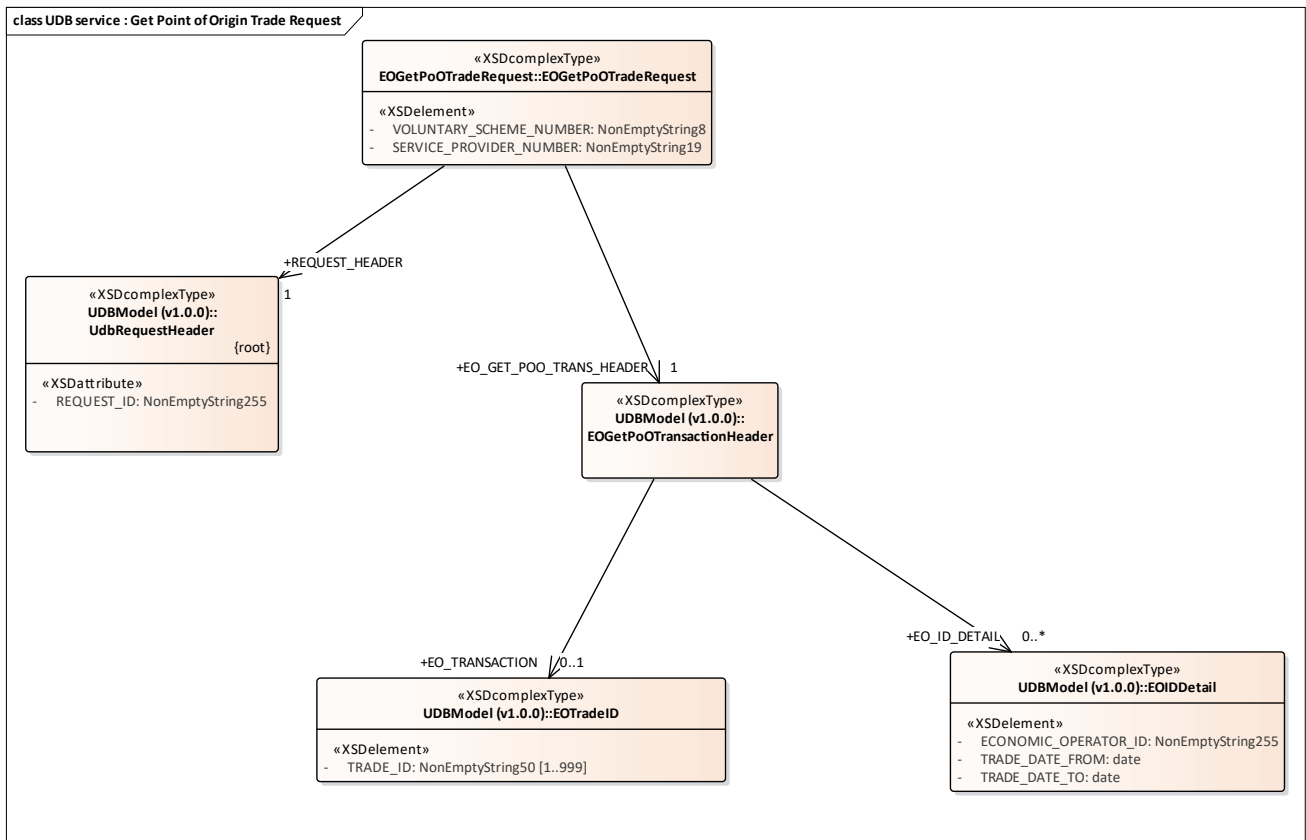


Figure 53: UDB service : Get Point of Origin Trade Request

### 3.1.1.53 UDB service : Get Point of Origin Trade Response diagram



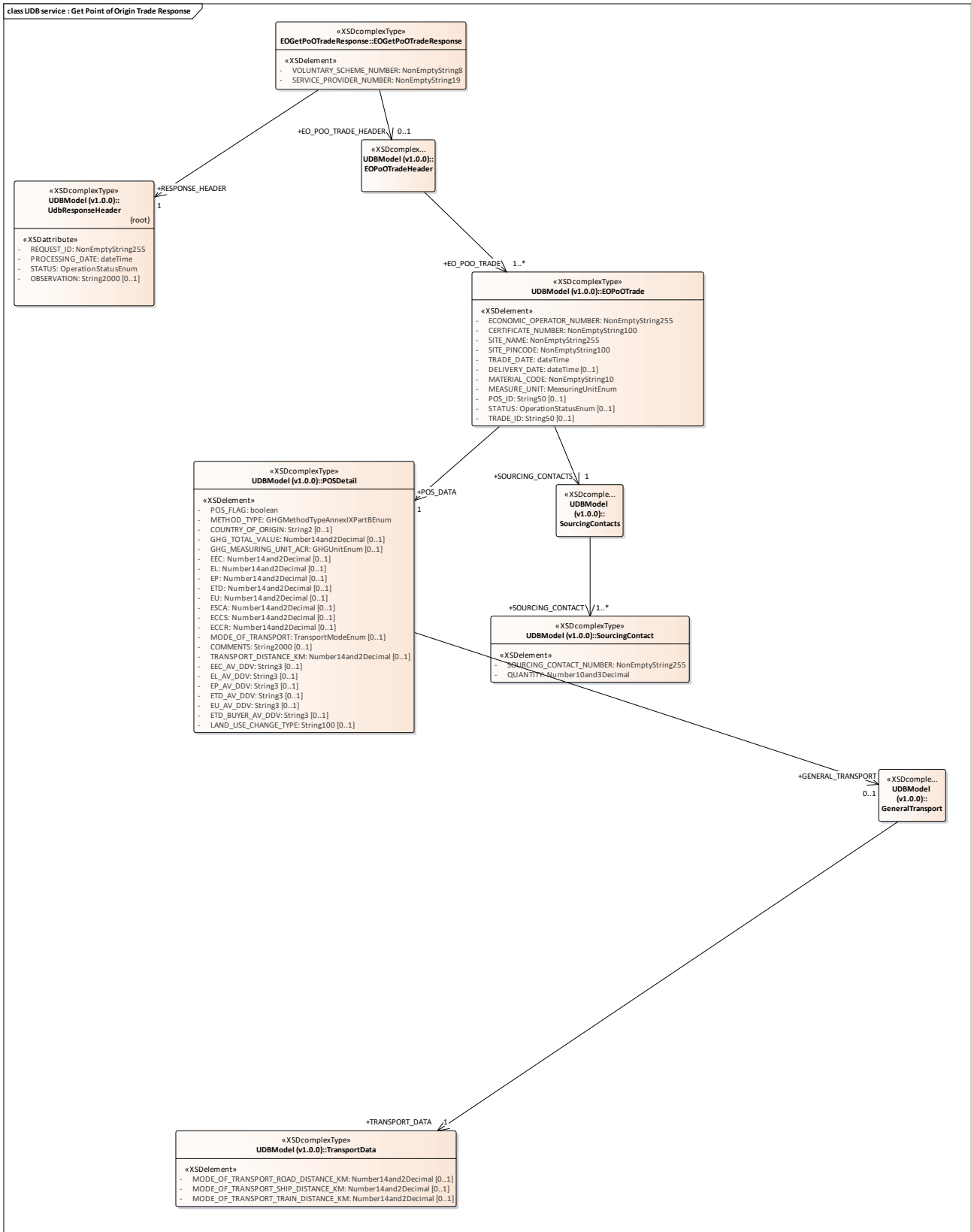


Figure 54: UDB service : Get Point of Origin Trade Response

### 3.1.1.54 UDB service : Get Sourcing Contact By ID Request diagram

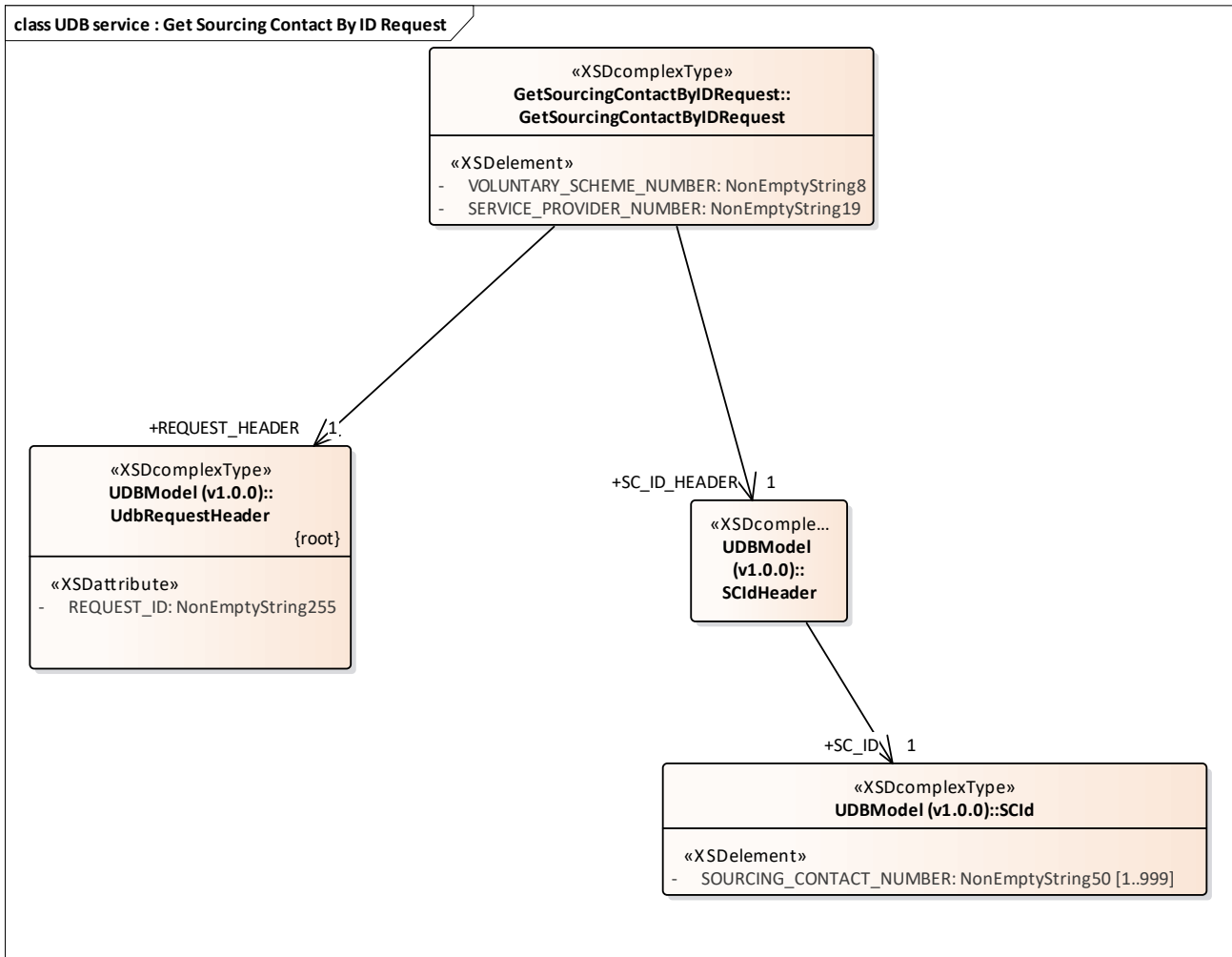


Figure 55: UDB service : Get Sourcing Contact By ID Request

### 3.1.1.55 UDB service : Get Sourcing Contact By ID Response diagram

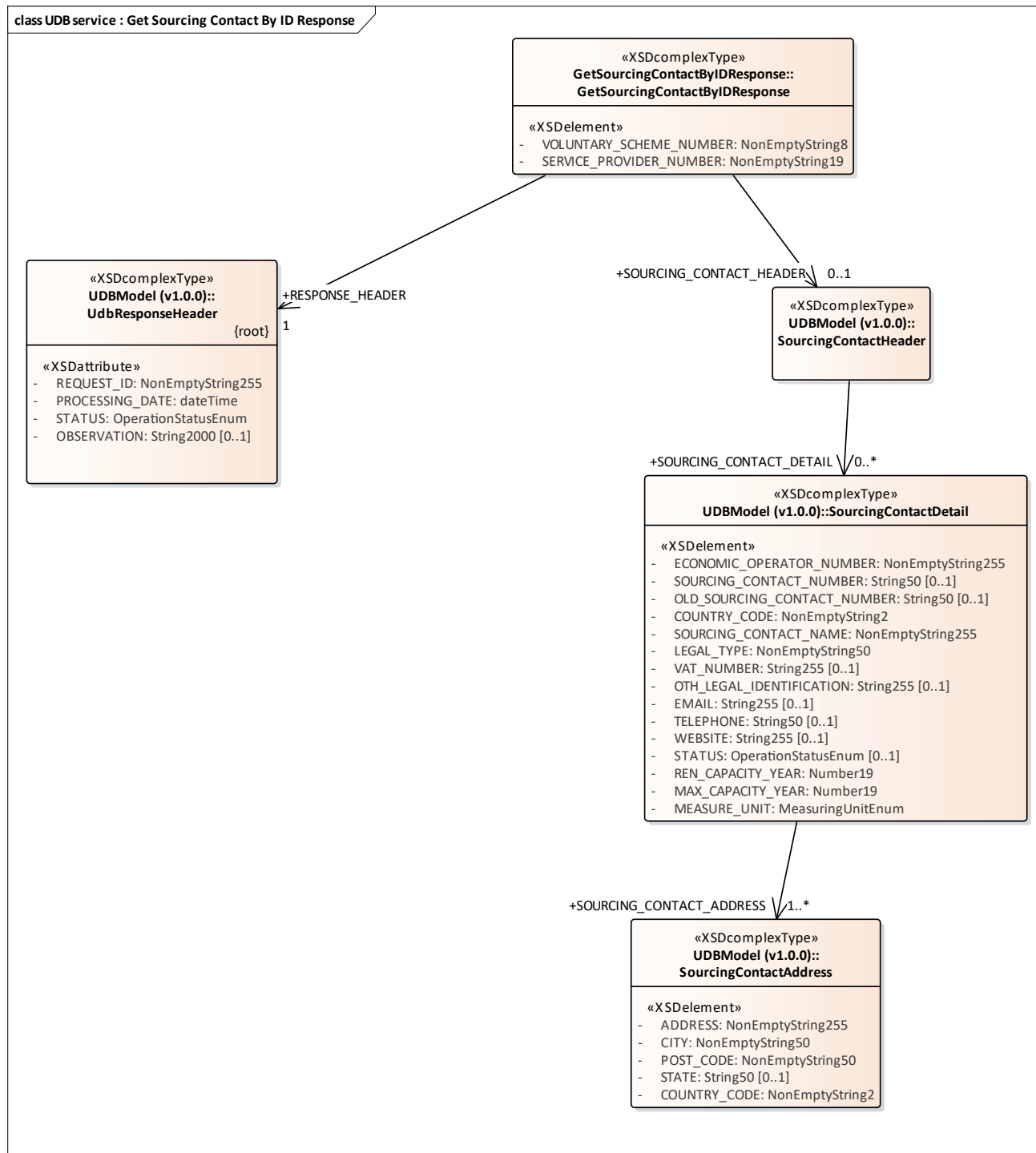


Figure 56: UDB service : Get Sourcing Contact By ID Response

### 3.1.1.56 UDB service : Get Sourcing Contact List Request diagram

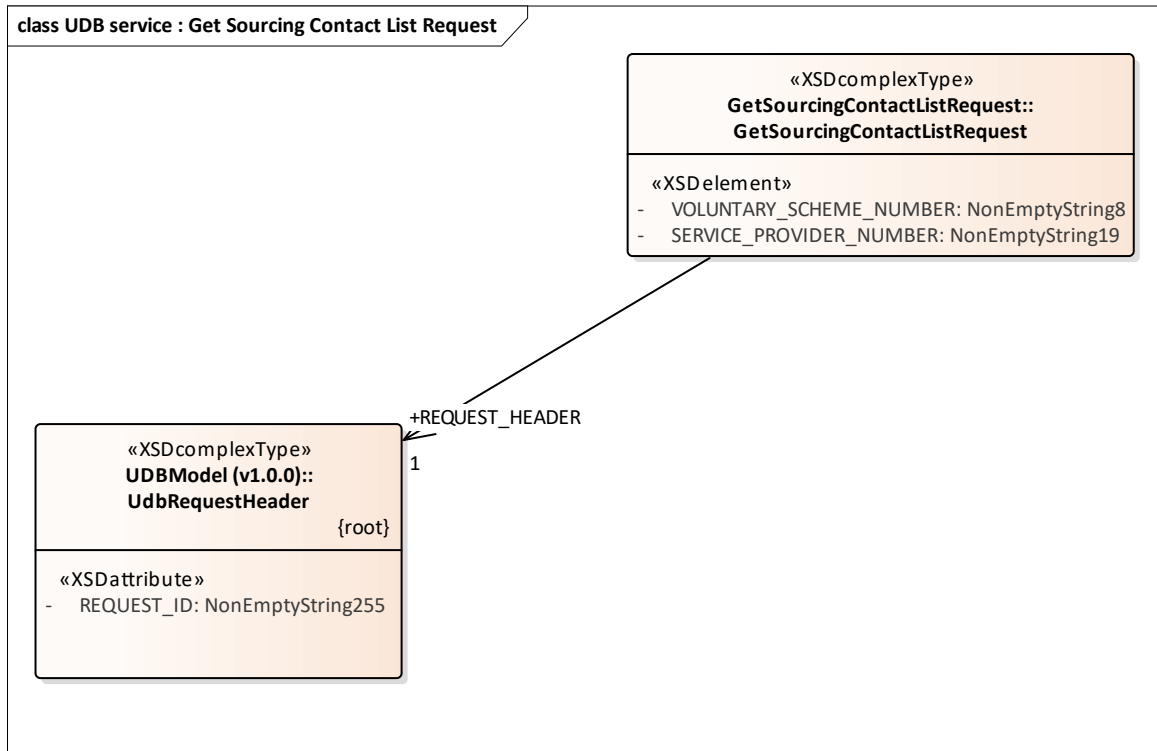


Figure 57: UDB service : Get Sourcing Contact List Request

### 3.1.1.57 UDB service : Get Sourcing Contact List Response diagram

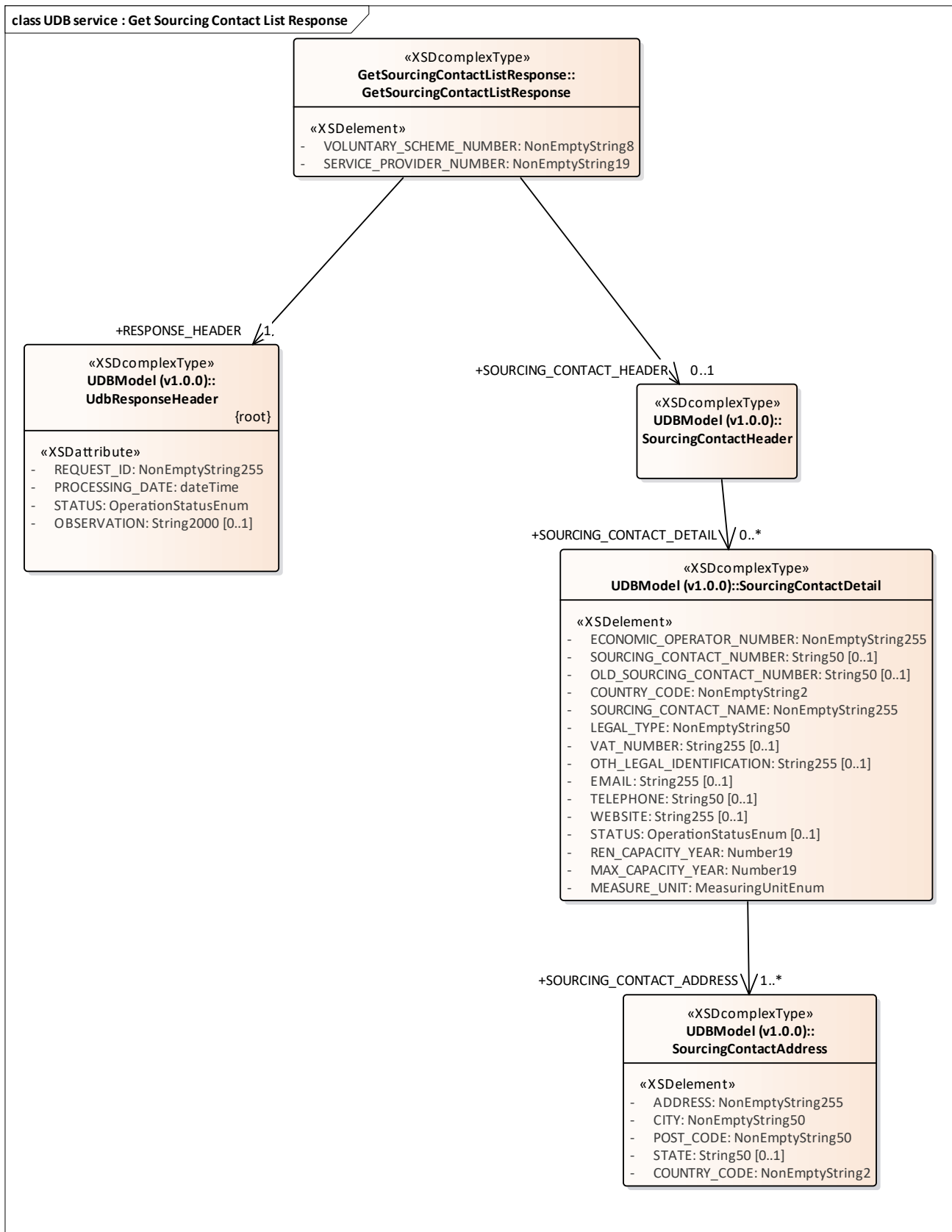


Figure 58: UDB service : Get Sourcing Contact List Response

### 3.1.1.58 UDB service : Internal Transfer Request diagram

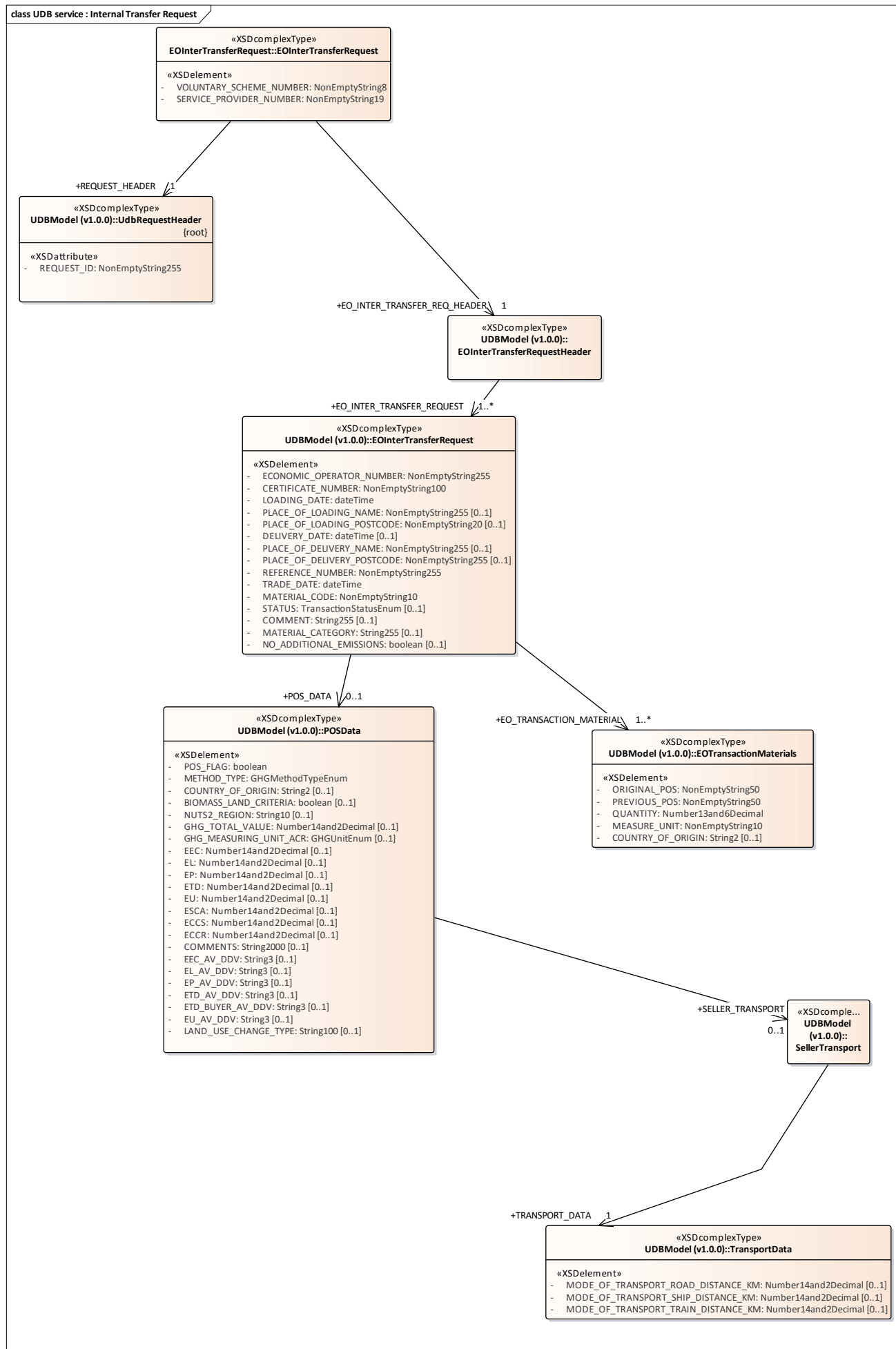


Figure 59: UDB service : Internal Transfer Request

### 3.1.1.59 UDB service : Internal Transfer Response diagram

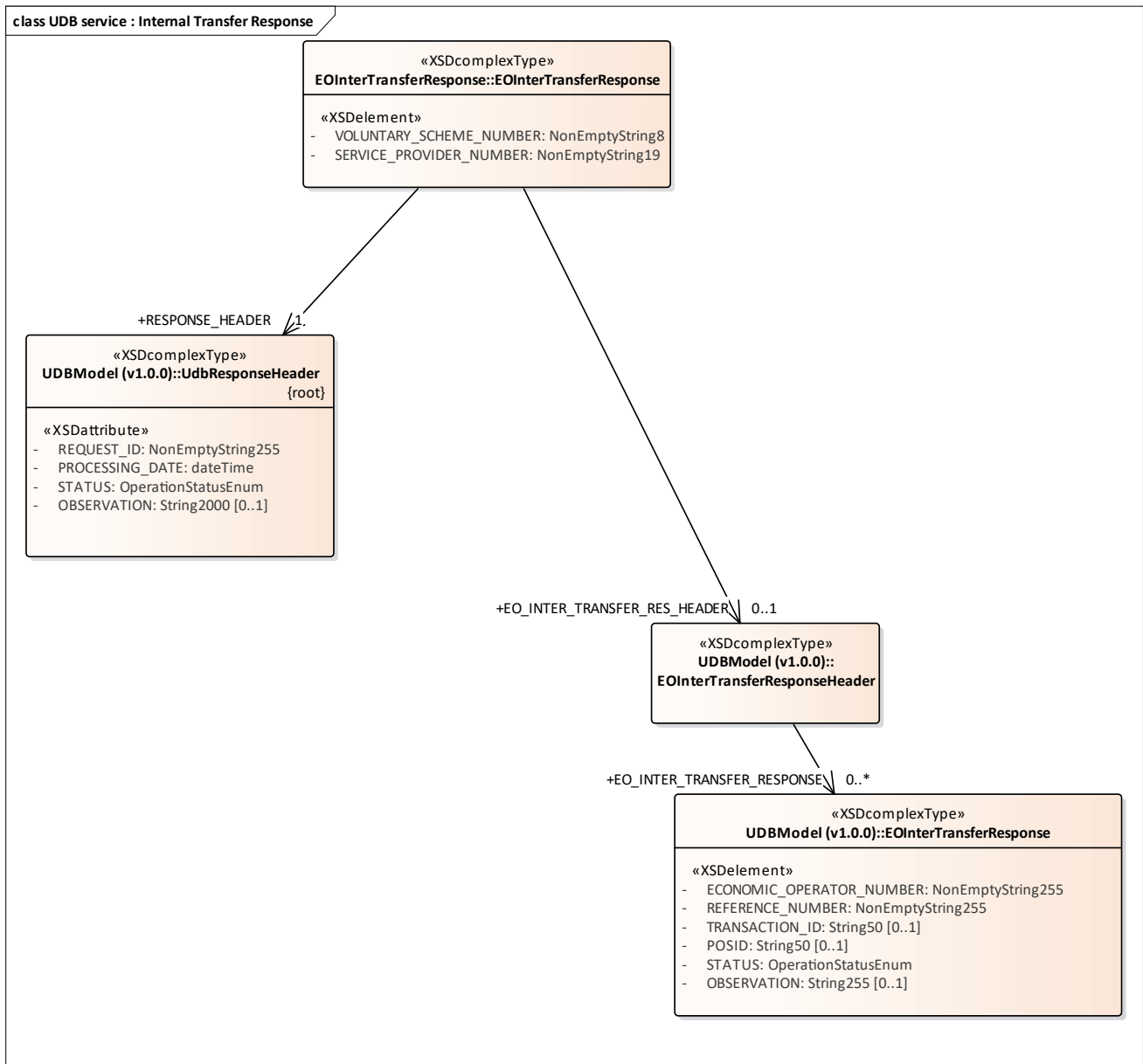


Figure 60: UDB service : Internal Transfer Response

### 3.1.1.60 UDB service : Update Rejected Transaction Request diagram

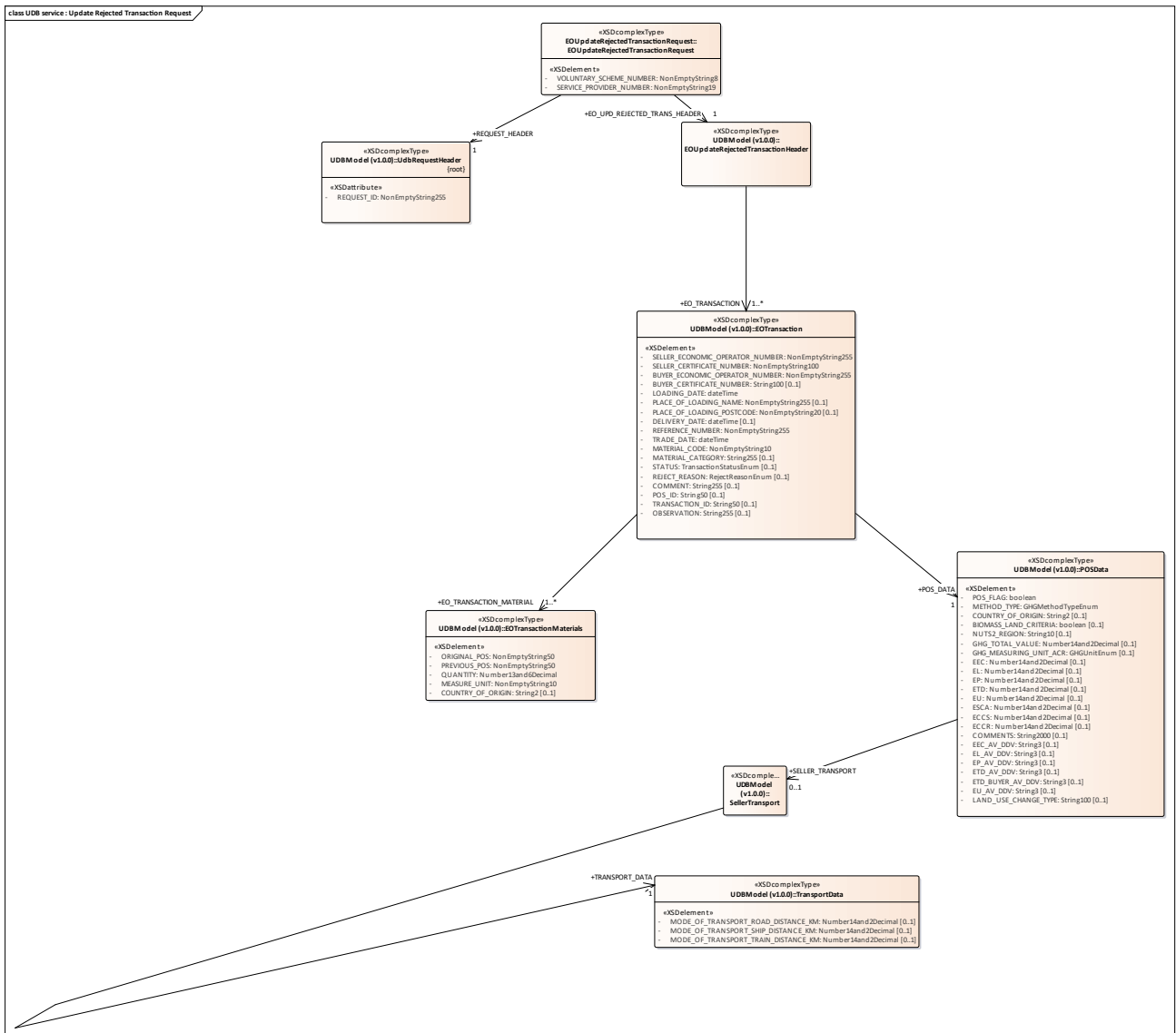


Figure 61: UDB service : Update Rejected Transaction Request

### 3.1.1.61 UDB service : Update Rejected Transaction Response diagram



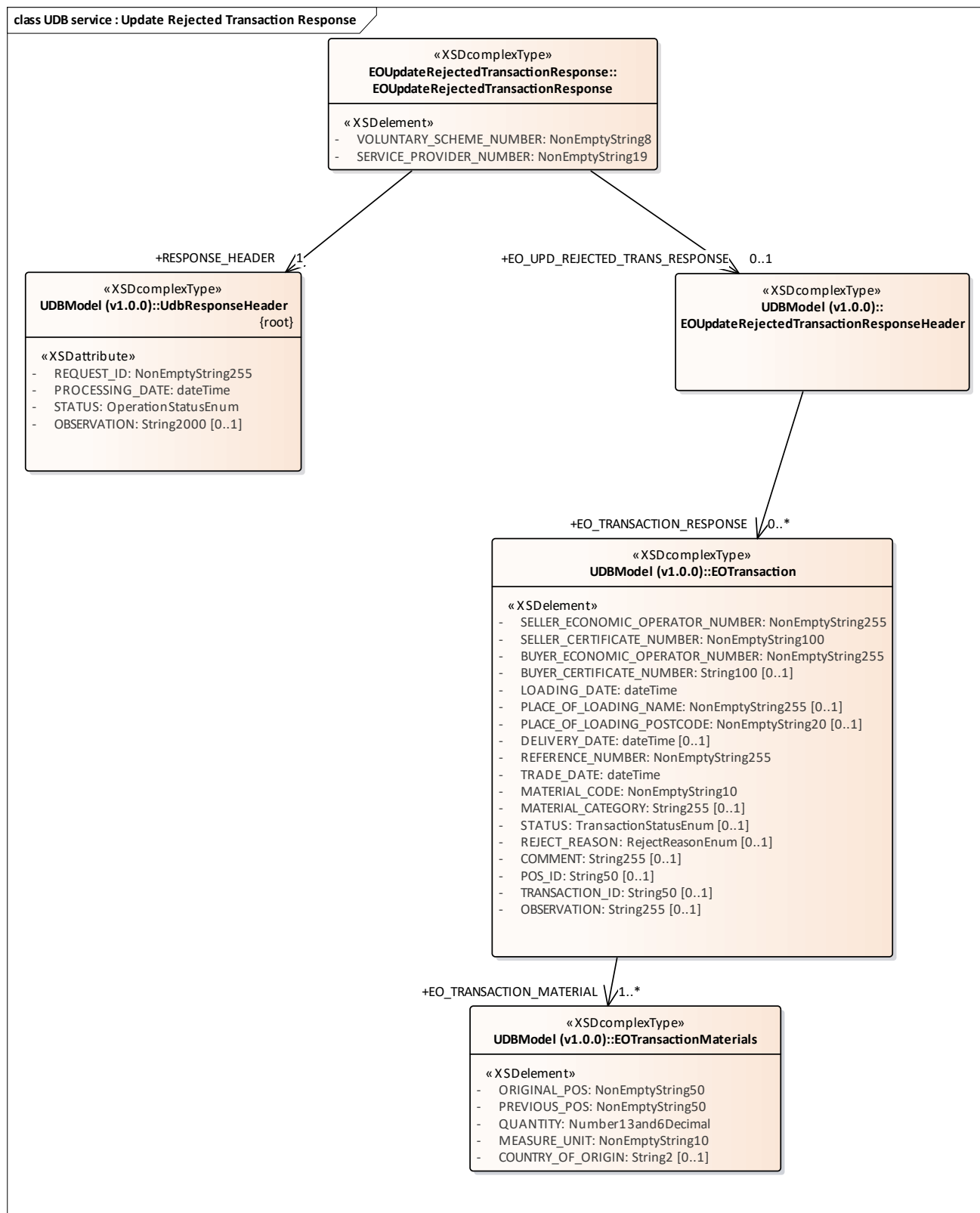


Figure 62: UDB service : Update Rejected Transaction Response

### 3.1.1.62 UDB Service : Organisation List Request diagram

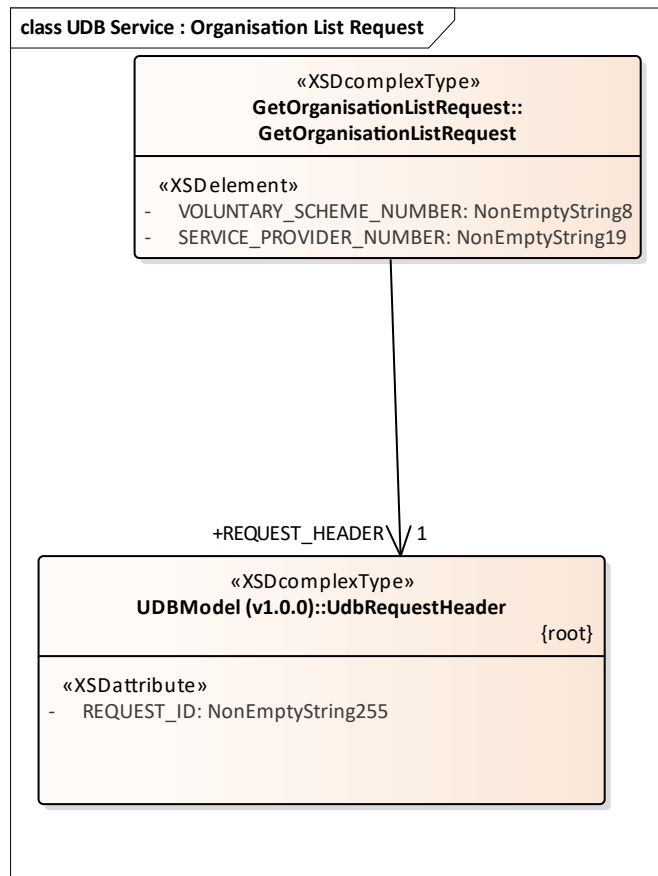


Figure 63: UDB Service : Organisation List Request

### 3.1.1.63 UDB Service : Organisation List Response diagram

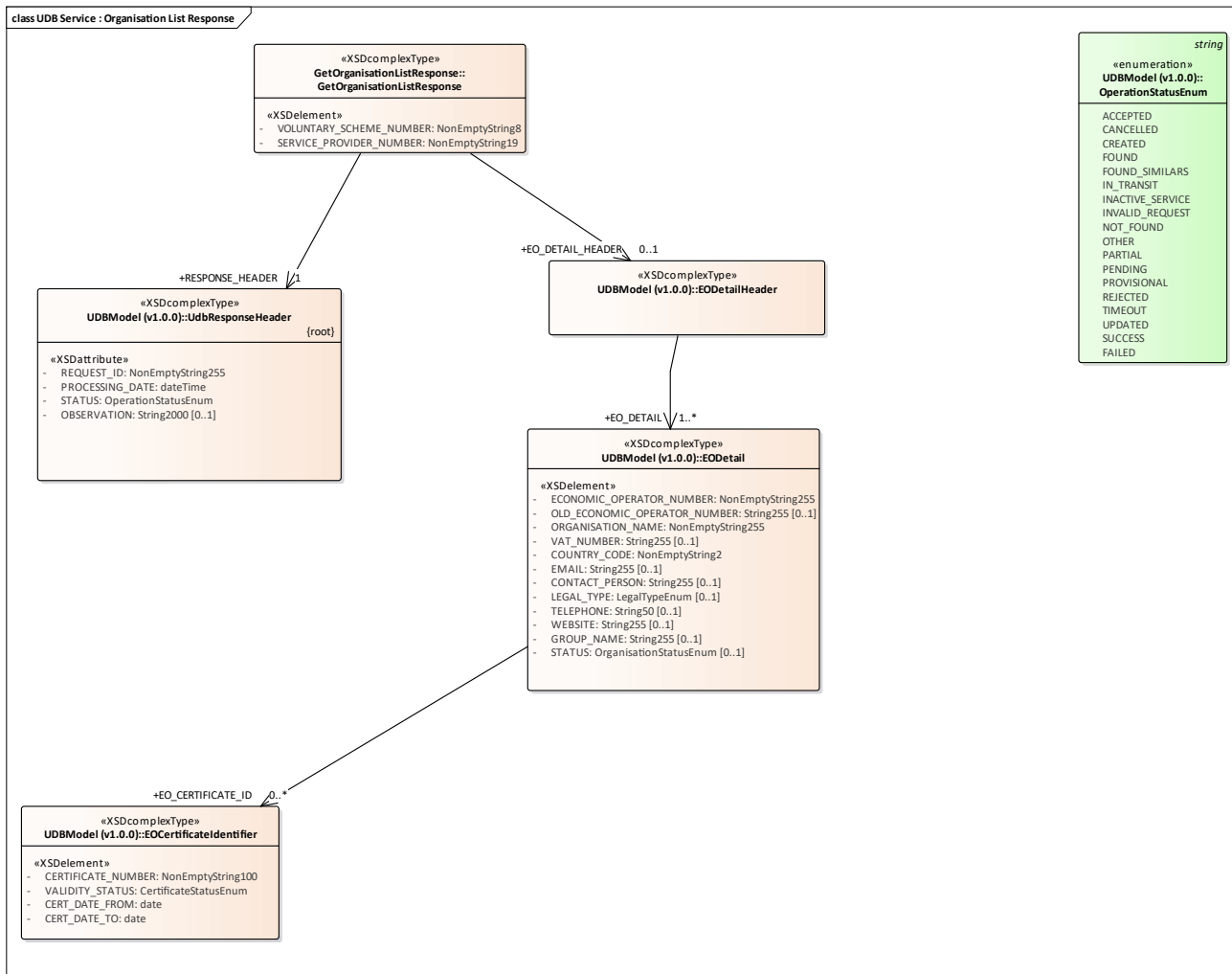


Figure 64: UDB Service : Organisation List Response

### 3.1.1.64 UDB Service : Organisation by ID Request diagram

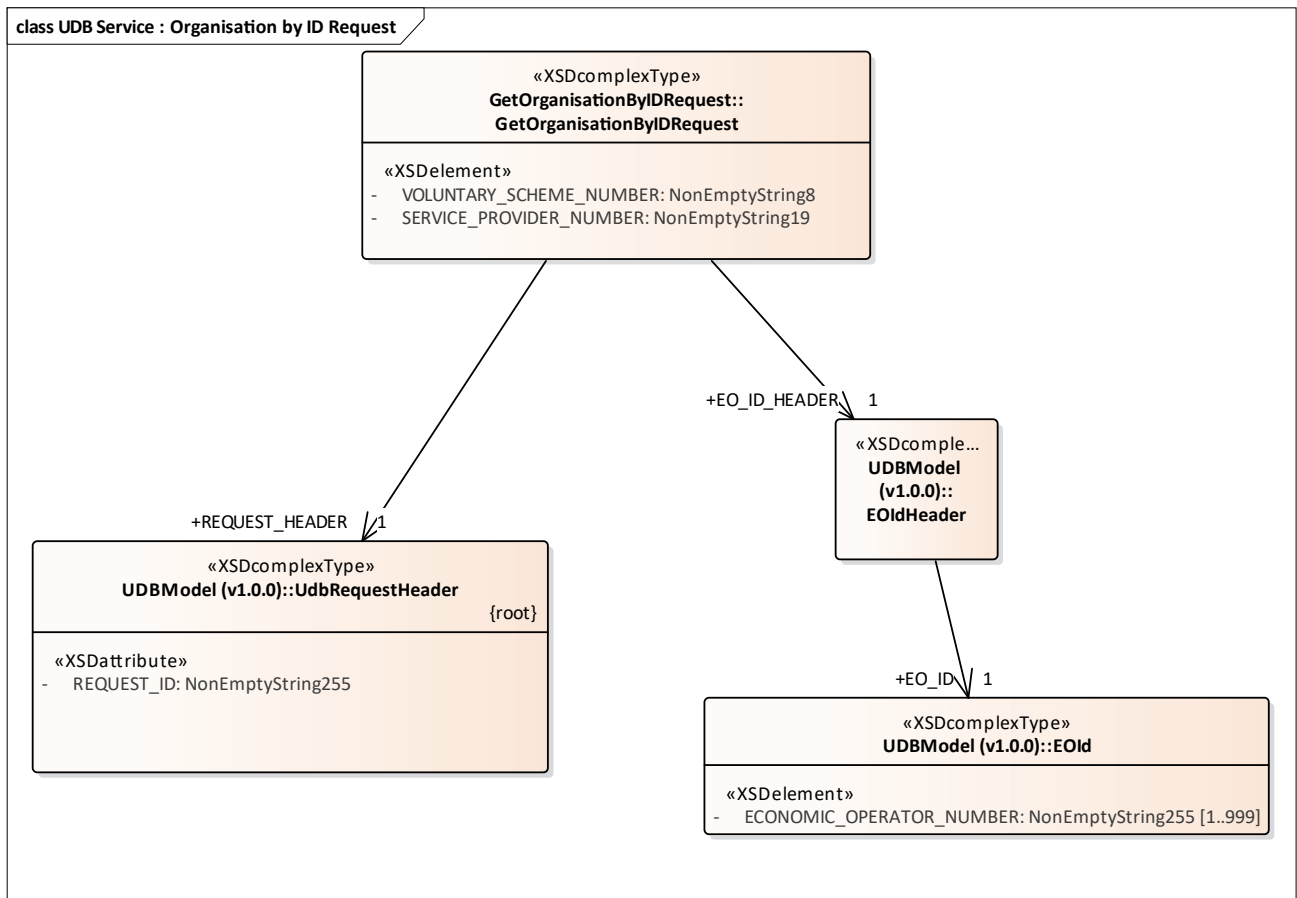


Figure 65: UDB Service : Organisation by ID Request

### 3.1.1.65 UDB Service : Organisation by ID Response diagram

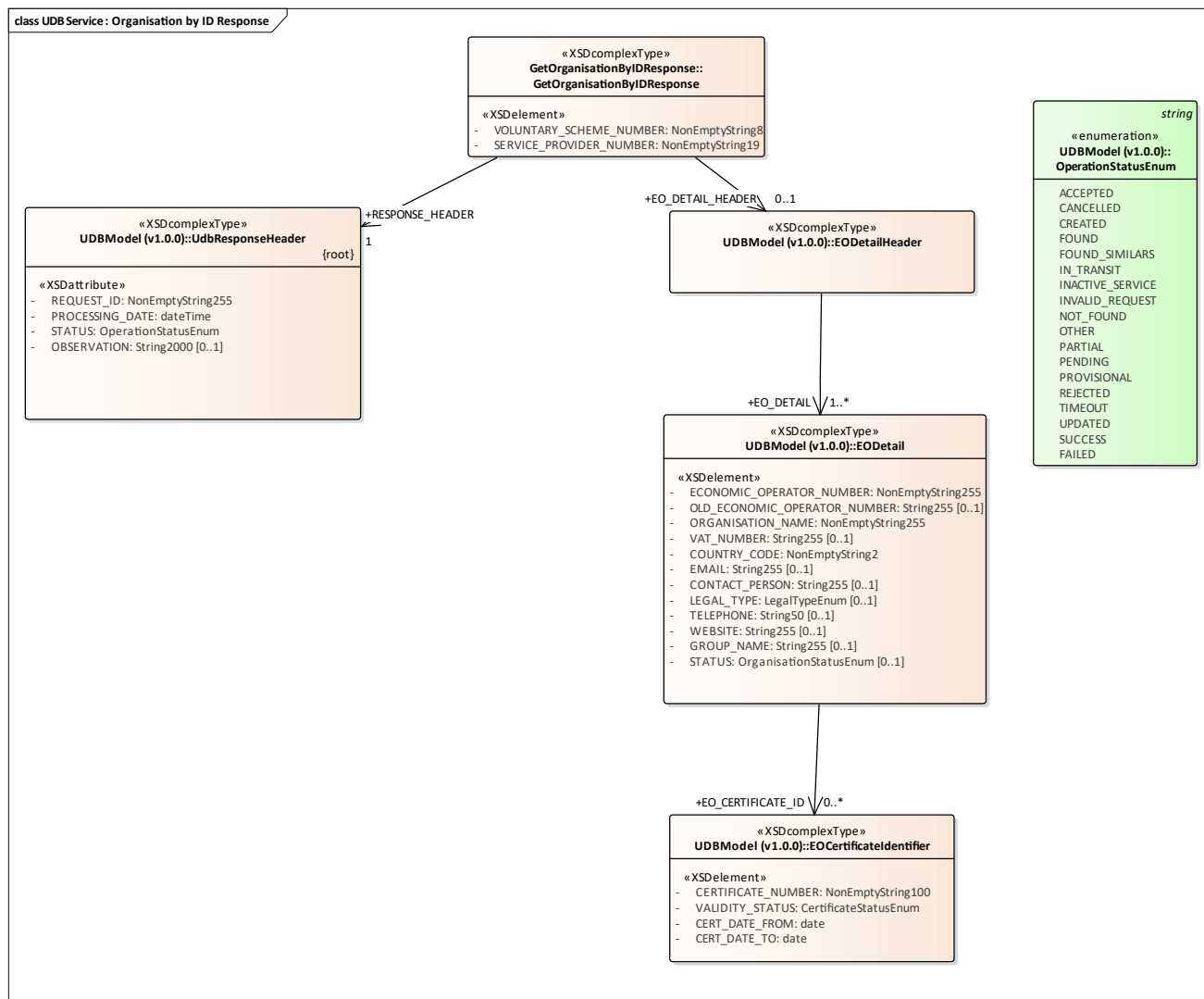


Figure 66: UDB Service : Organisation by ID Response

### 3.1.1.66 AuthorityAck diagram

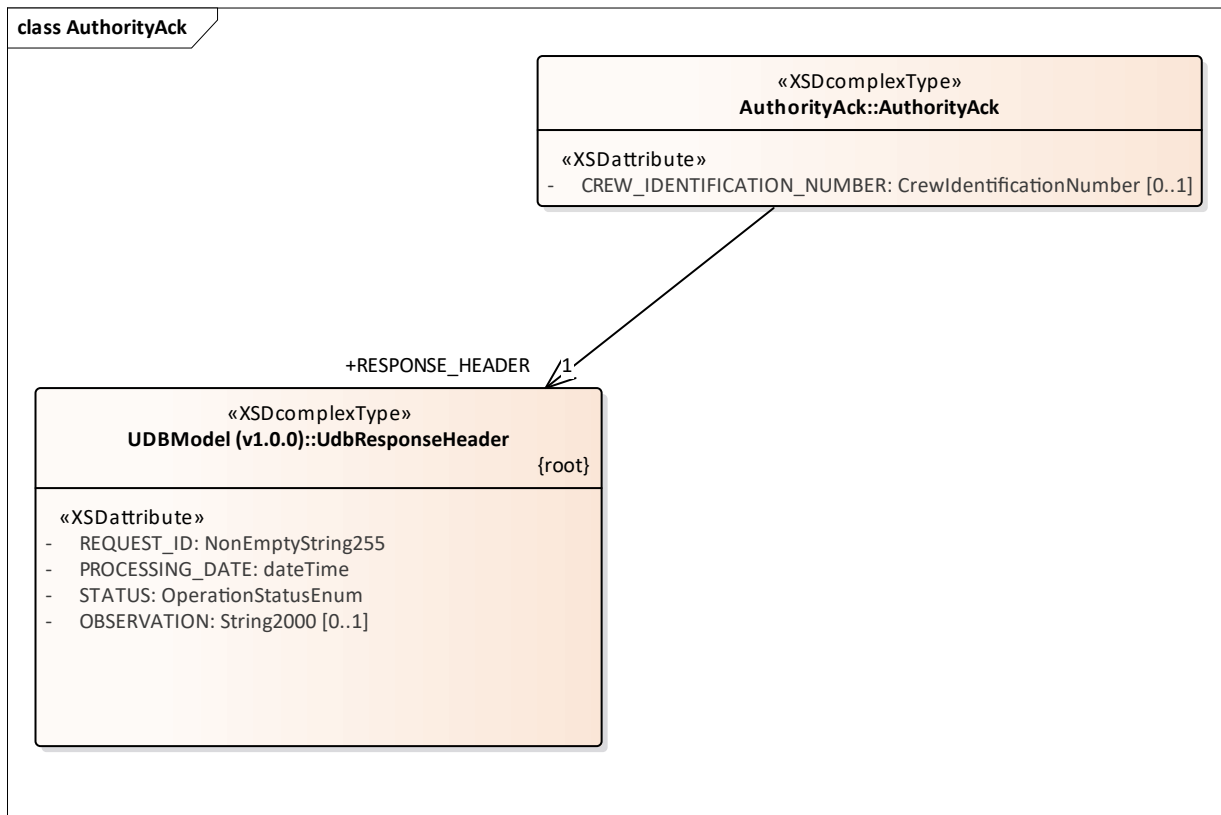


Figure 67: AuthorityAck

### 3.1.2 AddGasInjectionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.2.1 AddGasInjectionRequest

Class «XSDcomplexType» owned by 'AddGasInjectionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
	Association (direction: Source -> Destination)
Source: Public (Class) AddGasInjectionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)
Source: Public (Class) AddGasInjectionRequest «XSDcomplexType»	Target: Public GAS_INJECTION_HEADER (Class) GasInjectionRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.3 AddGasInjectionResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.3.1 AddGasInjectionResponse

Class «XSDcomplexType» owned by 'AddGasInjectionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasInjectionResponse «XSDcomplexType»	Target: Public GAS_INJECTION_RESP_HEADER (Class) GasInjectionResponseHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasInjectionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.4 AddGasWithdrawalRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.4.1 AddGasWithdrawalRequest

Class «XSDcomplexType» owned by 'AddGasWithdrawalRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasWithdrawalRequest «XSDcomplexType»	Target: Public GAS_WITHDRAWAL_REQ_HEADER (Class) GasWithdrawalRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasWithdrawalRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.5 AddGasWithdrawalResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.5.1 AddGasWithdrawalResponse

Class «XSDcomplexType» owned by 'AddGasWithdrawalResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasWithdrawalResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasWithdrawalResponse «XSDcomplexType»	Target: Public GAS_WITHDRAWAL_REQ_HEADER (Class) GasWithdrawalResponseHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.6 AddOrganisationRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.6.1 AddOrganisationRequest

Class «XSDcomplexType» owned by 'AddOrganisationRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddOrganisationRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddOrganisationRequest «XSDcomplexType»	Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [1]





### 3.1.7 AddOrganisationResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.7.1 AddOrganisationResponse

Class «XSDcomplexType» owned by 'AddOrganisationResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
	Association (direction: Source -> Destination)  Source: Public (Class) AddOrganisationResponse «XSDcomplexType»  Target: Public EO_DETAIL_RESPONSE_HEADER (Class) EODetailResponseHeader «XSDcomplexType» Cardinality: [0..1]
	Association (direction: Source -> Destination)  Source: Public (Class) AddOrganisationResponse «XSDcomplexType»  Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.8 AddSourcingContactRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.8.1 AddSourcingContactRequest

Class «XSDcomplexType» owned by 'AddSourcingContactRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
	Association (direction: Source -> Destination)  Source: Public (Class) AddSourcingContactRequest «XSDcomplexType»  Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)  Source: Public (Class) AddSourcingContactRequest «XSDcomplexType»  Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

<b>ASSOCIATIONS</b>

### 3.1.9 AddSourcingContactResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.9.1 AddSourcingContactResponse

Class «XSDcomplexType» owned by 'AddSourcingContactResponse', in package 'Action: UDB service (v1.0.0)'

<b>ATTRIBUTES</b>
<ul style="list-style-type: none"> <li>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</li> </ul>
<ul style="list-style-type: none"> <li>SERVICE_PROVIDER_NUMBER : NonEmptyString19</li> </ul>

<b>ASSOCIATIONS</b>				
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                     <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">                             Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»                         </td> <td style="width: 50%;">                             Target: Public SOURCING_CONTACT_RESP_HEADER (Class) SourcingContactResponseHeader «XSDcomplexType»                              Cardinality: [0..1]                         </td> </tr> </table> </li> <li>Association (direction: Source -&gt; Destination)                     <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">                             Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»                         </td> <td style="width: 50%;">                             Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»                              Cardinality: [1]                         </td> </tr> </table> </li> </ul>	Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»	Target: Public SOURCING_CONTACT_RESP_HEADER (Class) SourcingContactResponseHeader «XSDcomplexType» Cardinality: [0..1]	Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»	Target: Public SOURCING_CONTACT_RESP_HEADER (Class) SourcingContactResponseHeader «XSDcomplexType» Cardinality: [0..1]			
Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]			

### 3.1.10 AddUpdateCertificateRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.10.1 AddUpdateCertificateRequest

Class «XSDcomplexType» owned by 'AddUpdateCertificateRequest', in package 'Action: UDB service (v1.0.0)'

<b>ATTRIBUTES</b>
<ul style="list-style-type: none"> <li>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</li> </ul>
<ul style="list-style-type: none"> <li>SERVICE_PROVIDER_NUMBER : NonEmptyString19</li> </ul>

<b>ASSOCIATIONS</b>		
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                     <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">                             Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»                         </td> <td style="width: 50%;">                             Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»                              Cardinality: [1]                         </td> </tr> </table> </li> <li>Association (direction: Source -&gt; Destination)</li> </ul>	Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]	



ASSOCIATIONS	
Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»	Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [1]



### 3.1.11 AddUpdateCertificateResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.11.1 AddUpdateCertificateResponse

Class «XSDcomplexType» owned by 'AddUpdateCertificateResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
 SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AddUpdateCertificateResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddUpdateCertificateResponse «XSDcomplexType»	Target: Public EO_CERTIFICATE_RESPONSE_HEADER (Class) EOCertificateResponseHeader «XSDcomplexType» Cardinality: [0..1]


### 3.1.12 AuthorityAck

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

AuthorityAck

#### 3.1.12.1 AuthorityAck

Class «XSDcomplexType» owned by 'AuthorityAck', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
 CREW_IDENTIFICATION_NUMBER : CrewIdentificationNumber Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDattribute»



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) AuthorityAck «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.13 ConfirmGasInjectionRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.13.1 ConfirmGasInjectionRequest

Class «XSDcomplexType» owned by 'ConfirmGasInjectionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) ConfirmGasInjectionRequest «XSDcomplexType»	Target: Public GAS_INJ_CONFIRM_REQ_HEADER (Class) GasInjectionConfirmRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) ConfirmGasInjectionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.14 ConfirmGasInjectionResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.14.1 ConfirmGasInjectionResponse

Class «XSDcomplexType» owned by 'ConfirmGasInjectionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) ConfirmGasInjectionResponse «XSDcomplexType»	Target: Public GAS_INJ_CONFIRM_RESP_HEADER (Class) GasInjectionConfirmResponseHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) ConfirmGasInjectionResponse	Target: Public RESPONSE_HEADER (Class)



ASSOCIATIONS	
«XSDcomplexType»	UdbResponseHeader «XSDcomplexType» Cardinality: [1]



### 3.1.15 EOAddFGPTransactionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.15.1 EOAddFGPTransactionRequest

Class «XSDcomplexType» owned by 'EOAddFGPTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOAddFGPTransactionRequest «XSDcomplexType»	Target: Public EO_FGP_TRANS_HEADER (Class) EOFGPTransactionHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOAddFGPTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]


### 3.1.16 EOAddFGPTransactionResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.16.1 EOAddFGPTransactionResponse

Class «XSDcomplexType» owned by 'EOAddFGPTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»	Target: Public EO_FGP_TRANS_RESP_HEADER (Class) EOFGPTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOAddFGPTTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]



### 3.1.17 EOAddInitialStockRegnRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.17.1 EOAddInitialStockRegnRequest

Class «XSDcomplexType» owned by 'EOAddInitialStockRegnRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
 SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOAddInitialStockRegnRequest «XSDcomplexType»	Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOAddInitialStockRegnRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]


### 3.1.18 EOAddInitialStockRegnResponse


Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.18.1 EOAddInitialStockRegnResponse

Class «XSDcomplexType» owned by 'EOAddInitialStockRegnResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
 SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOAddInitialStockRegnResponse «XSDcomplexType»	Target: Public INITIAL_STOCK_REGN_RESP_HEADER



ASSOCIATIONS	
	(Class) EOInitialStockRegnResponseHeader «XSDcomplexType» Cardinality: [0..1]
<p> Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOAddInitialStockRegnResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]



### 3.1.19 EOAddMaterialProcessingRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.19.1 EOAddMaterialProcessingRequest

Class «XSDcomplexType» owned by 'EOAddMaterialProcessingRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
 SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOAddMaterialProcessingRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
<p> Association (direction: Source -&gt; Destination)</p>	
Source: Public (Class) EOAddMaterialProcessingRequest «XSDcomplexType»	Target: Public MATERIAL_PROCESS_HEADER (Class) EOMaterialProcessingHeader «XSDcomplexType» Cardinality: [1]

### 3.1.20 EOAddMaterialProcessingResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.20.1 EOAddMaterialProcessingResponse

Class «XSDcomplexType» owned by 'EOAddMaterialProcessingResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
 SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS
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ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS_RESP_HEADER (Class) EOAddMaterialProcessingResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.21 EOAddPoOTradeRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.21.1 EOAddPoOTradeRequest

Class «XSDcomplexType» owned by 'EOAddPoOTradeRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeRequest «XSDcomplexType»</p>	<p>Target: Public EO_POO_TRADE_HEADER (Class) EOPoOTradeHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.22 EOAddPoOTradeResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.22.1 EOAddPoOTradeResponse

Class «XSDcomplexType» owned by 'EOAddPoOTradeResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>



ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeResponse «XSDcomplexType»</p>	<p>Target: Public EO_POO_TRADE_RESP_HEADER (Class) EOPoOTradeResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.23 EOAddTransactionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.23.1 EOAddTransactionRequest

Class «XSDcomplexType» owned by 'EOAddTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_HEADER (Class) EOTransactionHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.24 EOAddTransactionResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.24.1 EOAddTransactionResponse

Class «XSDcomplexType» owned by 'EOAddTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionResponse «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_RESP_HEADER (Class) EOTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

### 3.1.25 EOCancelTransactionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.25.1 EOCancelTransactionRequest

Class «XSDcomplexType» owned by 'EOCancelTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p>SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_CANCEL_TRANSACTION_HEADER (Class) EOCancelTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.26 EOCancelTransactionResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.26.1 EOCancelTransactionResponse

Class «XSDcomplexType» owned by 'EOCancelTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p>VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>

ATTRIBUTES
 SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionResponse «XSDcomplexType»</p> <p>Target: Public EO_CANCEL_TRANS_RESP_HEADER (Class) EOCancelTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>



### 3.1.27 EOConfirmTransactionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.27.1 EOConfirmTransactionRequest

Class «XSDcomplexType» owned by 'EOConfirmTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
 SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionRequest «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionRequest «XSDcomplexType»</p> <p>Target: Public EO_CONFIRM_TRANS_HEADER (Class) EOConfirmTransactionHeader «XSDcomplexType» Cardinality: [1]</p>



### 3.1.28 EOConfirmTransactionResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.28.1 EOConfirmTransactionResponse

Class «XSDcomplexType» owned by 'EOConfirmTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOConfirmTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOConfirmTransactionResponse «XSDcomplexType»	Target: Public EO_CONFIRM_TRANS_RESP_HEADER (Class) EOConfirmTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]



### 3.1.29 EOGetFGPTransactionRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.29.1 EOGetFGPTransactionRequest

Class «XSDcomplexType» owned by 'EOGetFGPTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetFGPTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetFGPTransactionRequest «XSDcomplexType»	Target: Public EO_FGP_GET_TRANS_HEADER (Class) EOFGPGetTransactionHeader «XSDcomplexType» Cardinality: [1]

### 3.1.30 EOGetFGPTransactionResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.30.1 EOGetFGPTransactionResponse

Class «XSDcomplexType» owned by 'EOGetFGPTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetFGPTransactionResponse «XSDcomplexType»	Target: Public EO_FGP_TRANS_HEADER (Class) EOFGPTransactionHeader «XSDcomplexType»
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetFGPTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.31 EOGetInitialStockRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.31.1 EOGetInitialStockRequest

Class «XSDcomplexType» owned by 'EOGetInitialStockRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetInitialStockRequest «XSDcomplexType»	Target: Public EO_GET_INITIAL_STOCK_HEADER (Class) EOGetInitialStockRequestHeader «XSDcomplexType»
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetInitialStockRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]



### 3.1.32 EOGetInitialStockResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.32.1 EOGetInitialStockResponse

Class «XSDcomplexType» owned by 'EOGetInitialStockResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p> SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>



ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockResponse «XSDcomplexType»</p> <p>Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [0..1]</p>



### 3.1.33 EOGetMaterialProcessListRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.33.1 EOGetMaterialProcessListRequest

Class «XSDcomplexType» owned by 'EOGetMaterialProcessListRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p> SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>



ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListRequest «XSDcomplexType»</p> <p>Target: Public MATERIAL_PROCESS_LIST_REQ_HEADER (Class) GetMaterialProcessListRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListRequest «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.34 EOGetMaterialProcessListResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.34.1 EOGetMaterialProcessListResponse

Class «XSDcomplexType» owned by 'EOGetMaterialProcessListResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetMaterialProcessListResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetMaterialProcessListResponse «XSDcomplexType»	Target: Public MATERIAL_PROCESS_HEADER (Class) EOMaterialProcessingHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.35 EOGetPOSListRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.35.1 EOGetPOSListRequest

Class «XSDcomplexType» owned by 'EOGetPOSListRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPOSListRequest «XSDcomplexType»	Target: Public GET_POS_LIST_REQ_HEADER (Class) EOGetPOSListRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPOSListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.36 EOGetPOSListResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.36.1 EOGetPOSListResponse

Class «XSDcomplexType» owned by 'EOGetPOSListResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
	Association (direction: Source -> Destination)
Source: Public (Class) EOGetPOSListResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)
Source: Public (Class) EOGetPOSListResponse «XSDcomplexType»	Target: Public POS_DETAILS_HEADER (Class) POSDetailsHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.37 EOGetPoOTradeRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.37.1 EOGetPoOTradeRequest

Class «XSDcomplexType» owned by 'EOGetPoOTradeRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
	Association (direction: Source -> Destination)
Source: Public (Class) EOGetPoOTradeRequest «XSDcomplexType»	Target: Public EO_GET_POO_TRANS_HEADER (Class) EOGetPoOTransactionHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)
Source: Public (Class) EOGetPoOTradeRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]



### 3.1.38 EOGetPoOTradeResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'





### 3.1.38.1 EOGetPoOTradeResponse

Class «XSDcomplexType» owned by 'EOGetPoOTradeResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType»	Target: Public EO_POO_TRADE_HEADER (Class) EOPoOTradeHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.39 EOGetTransactionRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.39.1 EOGetTransactionRequest

Class «XSDcomplexType» owned by 'EOGetTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetTransactionRequest «XSDcomplexType»	Target: Public EO_GET_TRANS_HEADER (Class) EOGetTransactionHeader «XSDcomplexType» Cardinality: [1]

### 3.1.40 EOGetTransactionResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.40.1 EOGetTransactionResponse

Class «XSDcomplexType» owned by 'EOGetTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOGetTransactionResponse «XSDcomplexType»	Target: Public EO_TRANS_HEADER (Class) EOTransactionHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.41 EOInterTransferRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.41.1 EOInterTransferRequest

Class «XSDcomplexType» owned by 'EOInterTransferRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOInterTransferRequest «XSDcomplexType»	Target: Public EO_INTER_TRANSFER_REQ_HEADER (Class) EOInterTransferRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOInterTransferRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.42 EOInterTransferResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.42.1 EOInterTransferResponse

Class «XSDcomplexType» owned by 'EOInterTransferResponse', in package 'Action: UDB service (v1.0.0)'



ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOInterTransferResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOInterTransferResponse «XSDcomplexType»	Target: Public EO_INTER_TRANSFER_RES_HEADER (Class) EOInterTransferResponseHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.43 EOResponseHeader

Class «XSDcomplexType» in package 'Action: UDB service (v1.0.0)'

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOResponseHeader «XSDcomplexType»	Target: Public EO_DETAIL_BY_ID_RESPONSE (Class) EODetailByIdResponse «XSDcomplexType» Cardinality: [0..*]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetGasEOListResponse «XSDcomplexType»	Target: Public EO_RESPONSE_HEADER (Class) EOResponseHeader «XSDcomplexType» Cardinality: [0..1]


### 3.1.44 EOUpdatePOSRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'



#### 3.1.44.1 EOUpdatePOSRequest

Class «XSDcomplexType» owned by 'EOUpdatePOSRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	

ATTRIBUTES	
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
	Association (direction: Source -> Destination)
Source: Public (Class) EOUpdatePOSRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
	Association (direction: Source -> Destination)
Source: Public (Class) EOUpdatePOSRequest «XSDcomplexType»	Target: Public POS_DETAILS_HEADER (Class) POSDetailsHeader «XSDcomplexType» Cardinality: [1]

### 3.1.45 EOUpdatePOSResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.45.1 EOUpdatePOSResponse

Class «XSDcomplexType» owned by 'EOUpdatePOSResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
	Association (direction: Source -> Destination)
Source: Public (Class) EOUpdatePOSResponse «XSDcomplexType»	Target: Public UPDATE_POS_RESP_HEADER (Class) EOUpdatePOSResponseHeader «XSDcomplexType» Cardinality: [0..1]
	Association (direction: Source -> Destination)
Source: Public (Class) EOUpdatePOSResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]



### 3.1.46 EOUpdateRejectedTransactionRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.46.1 EOUpdateRejectedTransactionRequest

Class «XSDcomplexType» owned by 'EOUpdateRejectedTransactionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
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ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdateRejectedTransactionRequest «XSDcomplexType»	Target: Public EO_UPD_REJECTED_TRANS_HEADER (Class) EOUpdateRejectedTransactionHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdateRejectedTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]



### 3.1.47 EOUpdateRejectedTransactionResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.47.1 EOUpdateRejectedTransactionResponse

Class «XSDcomplexType» owned by 'EOUpdateRejectedTransactionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»	Target: Public EO_UPD_REJECTED_TRANS_RESPONSE (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.48 ErrorResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.48.1 ErrorResponse

Class «XSDcomplexType» owned by 'ErrorResponse', in package 'Action: UDB service (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) ErrorResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.49 GetCertificateExpiryRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.49.1 GetCertificateExpiryRequest

Class «XSDcomplexType» owned by 'GetCertificateExpiryRequest', in package 'Action: UDB service (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GetCertificateExpiryRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GetCertificateExpiryRequest «XSDcomplexType»</p>	<p>Target: Public CERTIFICATE_ID_HEADER (Class) CertificateIdHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.50 GetCertificateExpiryResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.50.1 GetCertificateResponse

Class «XSDcomplexType» owned by 'GetCertificateExpiryResponse', in package 'Action: UDB service (v1.0.0)'



ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p>	<p>Target: Public CERTIFICATE_DETAILS_HEADER (Class) CertificateDetailsHeader «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.51 GetCertificateRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.51.1 GetCertificateRequest

Class «XSDcomplexType» owned by 'GetCertificateRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateRequest «XSDcomplexType»	Target: Public CERTIFICATE_ID_HEADER (Class) CertificateIdHeader «XSDcomplexType» Cardinality: [1]

### 3.1.52 GetCertificateResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.52.1 GetCertificateResponse

Class «XSDcomplexType» owned by 'GetCertificateResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateResponse «XSDcomplexType»	Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.53 GetGasEOListRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.53.1 GetGasEOListRequest

Class «XSDcomplexType» owned by 'GetGasEOListRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>TSO_DSO_NUMBER : NonEmptyString50</li> </ul>
<ul style="list-style-type: none"> <li>SERVICE_PROVIDER_NUMBER : NonEmptyString19</li> </ul>

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>
<p>Source: Public (Class) GetGasEOListRequest «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>
<p>Source: Public (Class) GetGasEOListRequest «XSDcomplexType»</p> <p>Target: Public EO_HEADER (Class) EOHeader «XSDcomplexType» Cardinality: [1]</p>

### 3.1.54 GetGasEOListResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.54.1 GetGasEOListResponse

Class «XSDcomplexType» owned by 'GetGasEOListResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>TSO_DSO_NUMBER : NonEmptyString50</li> </ul>
<ul style="list-style-type: none"> <li>SERVICE_PROVIDER_NUMBER : NonEmptyString19</li> </ul>

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>
<p>Source: Public (Class) GetGasEOListResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>
<p>Source: Public (Class) GetGasEOListResponse «XSDcomplexType»</p> <p>Target: Public EO_RESPONSE_HEADER (Class) EOResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>





### 3.1.55 GetGasInjectionRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.55.1 GetGasInjectionRequest

Class «XSDcomplexType» owned by 'GetGasInjectionRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetGasInjectionRequest «XSDcomplexType»	Target: Public GAS_INJ_REQ_HEADER (Class) GetInjectionRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetGasInjectionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.56 GetInjectionResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.56.1 GetInjectionResponse

Class «XSDcomplexType» owned by 'GetInjectionResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetInjectionResponse «XSDcomplexType»	Target: Public GAS_INJECTION_RESPONSE (Class) GetInjectionResponseHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetInjectionResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]



### 3.1.57 GetOrganisationByIDRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.57.1 GetOrganisationByIDRequest

Class «XSDcomplexType» owned by 'GetOrganisationByIDRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»	Target: Public EO_ID_HEADER (Class) EOIdHeader «XSDcomplexType» Cardinality: [1]



### 3.1.58 GetOrganisationByIDResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.58.1 GetOrganisationByIDResponse

Class «XSDcomplexType» owned by 'GetOrganisationByIDResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationByIDResponse «XSDcomplexType»	Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationByIDResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.59 GetOrganisationListRequest


Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.59.1 GetOrganisationListRequest

Class «XSDcomplexType» owned by 'GetOrganisationListRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.60 GetOrganisationListResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.60.1 GetOrganisationListResponse

Class «XSDcomplexType» owned by 'GetOrganisationListResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationListResponse «XSDcomplexType»	Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationListResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]



### 3.1.61 GetSourcingContactByIDRequest

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.61.1 GetSourcingContactByIDRequest

Class «XSDcomplexType» owned by 'GetSourcingContactByIDRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactByIDRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactByIDRequest «XSDcomplexType»	Target: Public SC_ID_HEADER (Class) SCIdHeader «XSDcomplexType» Cardinality: [1]



### 3.1.62 GetSourcingContactByIDResponse

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.62.1 GetSourcingContactByIDResponse

Class «XSDcomplexType» owned by 'GetSourcingContactByIDResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactByIDResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactByIDResponse «XSDcomplexType»	Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]

### 3.1.63 GetSourcingContactListRequest


Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.63.1 GetSourcingContactListRequest

Class «XSDcomplexType» owned by 'GetSourcingContactListRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.64 GetSourcingContactListResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.64.1 GetSourcingContactListResponse

Class «XSDcomplexType» owned by 'GetSourcingContactListResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
	VOLUNTARY_SCHEME_NUMBER : NonEmptyString8
	SERVICE_PROVIDER_NUMBER : NonEmptyString19




ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»	Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]



### 3.1.65 TransactionBuyerNotification

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.65.1 TransactionBuyerNotification

Class «XSDcomplexType» owned by 'TransactionBuyerNotification', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p> SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>
<p> ECONOMIC_OPERATOR_NUMBER : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>




ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionBuyerNotification «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionBuyerNotification «XSDcomplexType»</p> <p>Target: Public BUYER_NOTIFICATION_HEADER (Class) EOBuyerNotificationHeader «XSDcomplexType»                      Cardinality: [1]</p>



### 3.1.66 TransactionSellerNotification

Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.66.1 TransactionSellerNotification

Class «XSDcomplexType» owned by 'TransactionSellerNotification', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES
<p> VOLUNTARY_SCHEME_NUMBER : NonEmptyString8</p>
<p> SERVICE_PROVIDER_NUMBER : NonEmptyString19</p>
<p> ECONOMIC_OPERATOR_NUMBER : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>



ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionSellerNotification «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionSellerNotification «XSDcomplexType»</p> <p>Target: Public SELLER_NOTIFICATION_HEADER (Class) EOSellerNotificationHeader «XSDcomplexType»                      Cardinality: [1]</p>

### 3.1.67 UpdateGasSustainabilityRequest



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

### 3.1.67.1 UpdateGasSustainabilityRequest

Class «XSDcomplexType» owned by 'UpdateGasSustainabilityRequest', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	



ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) UpdateGasSustainabilityRequest «XSDcomplexType»	Target: Public GAS_INJECTION_REQ_HEADER (Class) GasInjectionRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) UpdateGasSustainabilityRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]

### 3.1.68 UpdateGasSustainabilityResponse



Class «XSDtopLevelElement» in package 'Action: UDB service (v1.0.0)'

#### 3.1.68.1 UpdateGasSustainabilityResponse

Class «XSDcomplexType» owned by 'UpdateGasSustainabilityResponse', in package 'Action: UDB service (v1.0.0)'

ATTRIBUTES	
 VOLUNTARY_SCHEME_NUMBER : NonEmptyString8	
 SERVICE_PROVIDER_NUMBER : NonEmptyString19	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) UpdateGasSustainabilityResponse «XSDcomplexType»	Target: Public GAS_INJECTION_RESP_HEADER (Class) GasInjectionResponseHeader «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) UpdateGasSustainabilityResponse «XSDcomplexType»	Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]

### 3.1.69 Structure of the search response payload

#### 3.1.69.1 Internal structure of the zip archive diagram

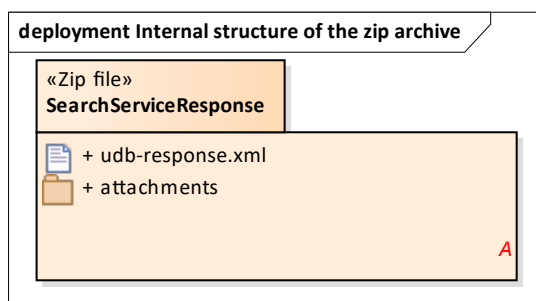


Figure 68: Internal structure of the zip archive

### 3.1.70 MatrixSpecification1

MatrixSpecification «EAMatrixSpecification» in package 'Structure of the search response payload'

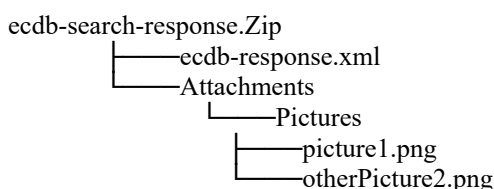
#### 3.1.70.1 SearchServiceResponse

Archive containing a list of results of a specific request

This archive must contain a file named "udb-response.xml" in its root folder.  
The root element of this xml file must be an element of type "UDBResponse".

File format: zip

#### 3.1.71 Example of internal structure for a "Search service response" archive.



##### 3.1.71.1 udb-response.xml

Artifact in package 'SearchServiceResponse'

List of search result response to UDB

File format: xml

Root element : UDBResponse

- **attachments**

Folder containing any types of files referenced in the registration-data.xml file.

Note that the "attachment" folder name has to be considered as a proposal.

Actually, the internal structure of the archive is free since each file path has located from the root folder of the archive.  
(E.g. "attachment/logo/myOrg.png')



## 4 UDB model

Contains all the information related to model Crew information

### 4.1 UDBModel (v1.0.0)

#### 4.1.1 UDBModel (v1.0.0) diagram

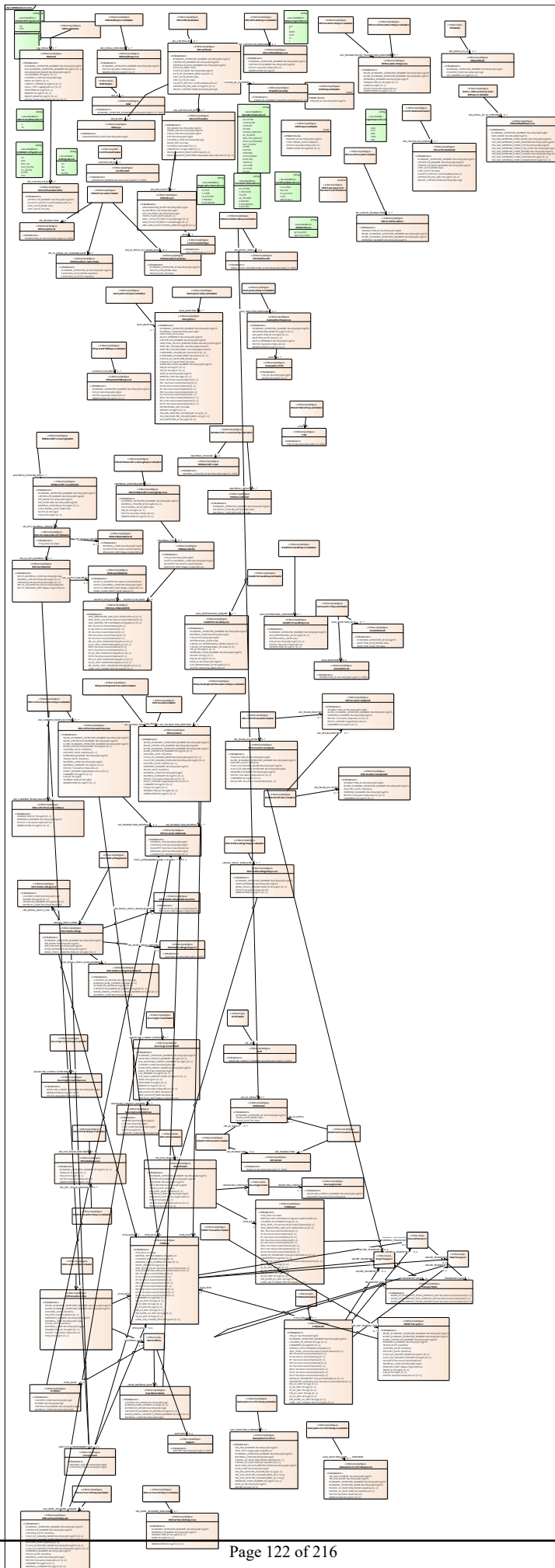


Figure 69: UDBModel (v1.0.0)

## 4.2 BuyerTransport

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) BuyerTransport «XSDcomplexType»</p>	<p>Target: Public TRANSPORT_DATA (Class) TransportData «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransactionAccepted «XSDcomplexType»</p>	<p>Target: Public BUYER_TRANSPORT (Class) BuyerTransport «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSData «XSDcomplexType»</p>	<p>Target: Public BUYER_TRANSPORT (Class) BuyerTransport «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSDetails «XSDcomplexType»</p>	<p>Target: Public BUYER_TRANSPORT (Class) BuyerTransport «XSDcomplexType» Cardinality: [0..1]</p>

## 4.3 CertificateDetailsHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) CertificateDetailsHeader «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE_DETAILS (Class) EOCertificateDetails «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p>	<p>Target: Public CERTIFICATE_DETAILS_HEADER (Class) CertificateDetailsHeader «XSDcomplexType» Cardinality: [0..1]</p>

## 4.4 CertificateGHGType

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>GHG : GHGTypeEnum Multiplicity: ( [1..3], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ATTRIBUTES

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOSiteScope «XSDcomplexType»      Target: Public GHG (Class) CertificateGHGType «XSDcomplexType»                      Cardinality: [1]</p>

## 4.5 CertificateId

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>CERTIFICATE_NUMBER : NonEmptyString100                      Multiplicity: ( [1..999], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) CertificateIdHeader «XSDcomplexType»      Target: Public CERTIFICATE_ID (Class) CertificateId «XSDcomplexType»                      Cardinality: [1]</p>

## 4.6 CertificateIdHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) CertificateIdHeader «XSDcomplexType»      Target: Public CERTIFICATE_ID (Class) CertificateId «XSDcomplexType»                      Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetCertificateRequest «XSDcomplexType»      Target: Public CERTIFICATE_ID_HEADER (Class) CertificateIdHeader «XSDcomplexType»                      Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetCertificateExpiryRequest «XSDcomplexType»      Target: Public CERTIFICATE_ID_HEADER (Class) CertificateIdHeader «XSDcomplexType»                      Cardinality: [1]</p>

## 4.7 ChainOfCustodies

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>CHAIN_OF_CUSTODY : ChainOfCustodyEnum                      Multiplicity: ( [1..3], Allow duplicates: 0)                      Stereotype is «XSDelement»</li> </ul>

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOCertificate «XSDcomplexType»      Target: Public CHAIN_OF_CUSTODIES (Class) ChainOfCustodies «XSDcomplexType»                      Cardinality: [1]</li> </ul>

## 4.8 Consignment

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ATTRIBUTES
<ul style="list-style-type: none"> <li>ORIGINAL_POS : NonEmptyString50</li> </ul>
<ul style="list-style-type: none"> <li>PREVIOUS_POS : NonEmptyString50</li> </ul>



ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOInitialStockRegnResponse «XSDcomplexType»      Target: Public CONSIGNMENT_POS (Class) Consignment «XSDcomplexType»                      Cardinality: [0..1]</li> </ul>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOInitialStockRegn «XSDcomplexType»      Target: Public CONSIGNMENT_POS (Class) Consignment «XSDcomplexType»                      Cardinality: [0..1]</li> </ul>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)                      Source: Public (Class) EOInOutMaterial «XSDcomplexType»      Target: Public MATERIAL_CONSIGNMENT (Class) Consignment «XSDcomplexType»                      Cardinality: [1]</li> </ul>

## 4.9 EOAddMaterialProcessingResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'



ATTRIBUTES
<ul style="list-style-type: none"> <li>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</li> </ul>
<ul style="list-style-type: none"> <li>MATERIAL_PROCESS_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</li> </ul>
<ul style="list-style-type: none"> <li>PROCESSING_DATE_TIME : date</li> </ul>
<ul style="list-style-type: none"> <li>POS_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)</li> </ul>

ATTRIBUTES
Stereotype is «XSDelement»
 STATUS : OperationStatusEnum
 OBSERVATION : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS
 Association (direction: Source -> Destination)  Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»  Target: Public MATERIAL_POS (Class) EOMaterialPOS «XSDcomplexType» Cardinality: [0..*]
 Association (direction: Source -> Destination)  Source: Public (Class) EOAddMaterialProcessingResponseHeader «XSDcomplexType»  Target: Public MATERIAL_PROCESS_RESP (Class) EOAddMaterialProcessingResponse «XSDcomplexType» Cardinality: [1..*]



## 4.10 EOAddMaterialProcessingResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
 Association (direction: Source -> Destination)  Source: Public (Class) EOAddMaterialProcessingResponseHeader «XSDcomplexType»  Target: Public MATERIAL_PROCESS_RESP (Class) EOAddMaterialProcessingResponse «XSDcomplexType» Cardinality: [1..*]
 Association (direction: Source -> Destination)  Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»  Target: Public MATERIAL_PROCESS_RESP_HEADER (Class) EOAddMaterialProcessingResponseHeader «XSDcomplexType» Cardinality: [1]

## 4.11 EOBuyerNotificationHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
 Association (direction: Source -> Destination)  Source: Public (Class) EOBuyerNotificationHeader «XSDcomplexType»  Target: Public (Class) EOTransactionData «XSDcomplexType» Cardinality: [1..*]
 Association (direction: Source -> Destination)  Source: Public (Class) TransactionBuyerNotification «XSDcomplexType»  Target: Public BUYER_NOTIFICATION_HEADER (Class)

ASSOCIATIONS
EOBuyerNotificationHeader «XSDcomplexType» Cardinality: [1]

## 4.12 EOCancelTransaction

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
TRANSACTION_ID : NonEmptyString50
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
REFERENCE_NUMBER : NonEmptyString255

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_CANCEL_TRANSACTION (Class) EOCancelTransaction «XSDcomplexType» Cardinality: [1..*]</p>

## 4.13 EOCancelTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_CANCEL_TRANSACTION (Class) EOCancelTransaction «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionRequest «XSDcomplexType»</p> <p>Target: Public EO_CANCEL_TRANSACTION_HEADER (Class) EOCancelTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.14 EOCancelTransactionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransactionResponse «XSDcomplexType»</p>

ASSOCIATIONS	
	Cardinality: [0..*]
<p>✦ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionResponse «XSDcomplexType»</p> <p>Target: Public EO_CANCEL_TRANS_RESP_HEADER (Class) EOCancelTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>	

## 4.15 EOCertificate

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
✦ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
✦ CERTIFICATE_NUMBER : NonEmptyString100
✦ CERTIFICATE_BODY_NUMBER : NonEmptyString255
✦ DATE_OF_ISSUE : date
✦ PLACE_OF_ISSUE : NonEmptyString255
✦ DATE_OF_ORIGINAL_ISSUE : date Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
✦ CERT_DATE_FROM : date
✦ CERT_DATE_TO : date
✦ VALIDITY_STATUS : CertificateStatusEnum
✦ CERTIFICATE_PDF_LINK : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
✦ GROUP_CERTIFICATION : NonEmptyString3

ASSOCIATIONS
<p>✦ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCertificate «XSDcomplexType»</p> <p>Target: Public EO_CERTIFICATE_SITE (Class) EOCertificateSite «XSDcomplexType» Cardinality: [1..*]</p>
<p>✦ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCertificate «XSDcomplexType»</p> <p>Target: Public EO_SCOPE (Class) EOScope «XSDcomplexType» Cardinality: [1..*]</p>
<p>✦ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCertificate «XSDcomplexType»</p> <p>Target: Public CHAIN_OF_CUSTODIES (Class) ChainOfCustodies «XSDcomplexType» Cardinality: [1]</p>



ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOCertificateHeader «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE (Class) EOCertificate «XSDcomplexType» Cardinality: [0..*]</p>

## 4.16 EOCertificateDetails

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>◆ CERTIFICATE_NUMBER : NonEmptyString100</p>
<p>◆ CERTIFICATE_BODY_NUMBER : NonEmptyString255</p>
<p>◆ CERT_DATE_FROM : date</p>
<p>◆ CERT_DATE_TO : date</p>
<p>◆ VALIDITY_STATUS : CertificateStatusEnum</p>
<p>◆ CERTIFICATE_PDF_LINK : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p>◆ GROUP_CERTIFICATION : NonEmptyString3</p>

ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) CertificateDetailsHeader «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE_DETAILS (Class) EOCertificateDetails «XSDcomplexType» Cardinality: [1..*]</p>

## 4.17 EOCertificateHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOCertificateHeader «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE (Class) EOCertificate «XSDcomplexType» Cardinality: [0..*]</p>
<p>✍ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE_HEADER (Class) EOCertificateHeader «XSDcomplexType» Cardinality: [1]</p>
<p>✍ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GetCertificateResponse</p>	<p>Target: Public EO_CERTIFICATE_HEADER</p>

ASSOCIATIONS	
«XSDcomplexType»	(Class) EOCertificateHeader «XSDcomplexType» Cardinality: [0..1]

## 4.18 EOCertificateIdentifier

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆ CERTIFICATE_NUMBER : NonEmptyString100	
◆ VALIDITY_STATUS : CertificateStatusEnum	
◆ CERT_DATE_FROM : date	
◆ CERT_DATE_TO : date	

ASSOCIATIONS	
/ Association (direction: Source -> Destination)	
Source: Public (Class) EODetail «XSDcomplexType»	Target: Public EO_CERTIFICATE_ID (Class) EOCertificateIdentifier «XSDcomplexType» Cardinality: [0..*]

## 4.19 EOCertificateResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255	
◆ CERTIFICATE_NUMBER : NonEmptyString100	
◆ STATUS : OperationStatusEnum	
◆ OBSERVATION : String255	

ASSOCIATIONS	
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOCertificateResponseHeader «XSDcomplexType»	Target: Public EO_CERTIFICATE_RESPONSE (Class) EOCertificateResponse «XSDcomplexType» Cardinality: [1..*]

## 4.20 EOCertificateSite

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆ SITE_NAME : NonEmptyString255	

ATTRIBUTES
◆ STREET_LINE : NonEmptyString255
◆ POST_CODE : NonEmptyString20
◆ CITY : NonEmptyString50
◆ COUNTRY_CODE : NonEmptyString2
◆ MAIN_SITE : boolean
◆ LATITUDE : LatitudeDT Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ LONGITUDE : LongitudeDT Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ MASS_BALANCE_START_DATE : date Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ MASS_BALANCE_DURATION : MassbalanceDurationEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS
<p>✍ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCertificateSite «XSDcomplexType»</p> <p>Target: Public EO_SITE_SCOPE (Class) EO_SiteScope «XSDcomplexType» Cardinality: [0..*]</p>
<p>✍ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCertificate «XSDcomplexType»</p> <p>Target: Public EO_CERTIFICATE_SITE (Class) EOCertificateSite «XSDcomplexType» Cardinality: [1..*]</p>

## 4.21 EOCertificateResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>✍ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCertificateResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_CERTIFICATE_RESPONSE (Class) EOCertificateResponse «XSDcomplexType» Cardinality: [1..*]</p>
<p>✍ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddUpdateCertificateResponse «XSDcomplexType»</p> <p>Target: Public EO_CERTIFICATE_RESPONSE_HEADER (Class) EOCertificateResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

## 4.22 EOConfirmTransactionFailure

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>TRANSACTION_ID : String20                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>
<p>REFERENCE_NUMBER : NonEmptyString255</p>
<p>STATUS : TransactionStatusEnum</p>
<p>OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_CONFIRM_TRANS_FAILURE (Class) EOConfirmTransactionFailure «XSDcomplexType»                      Cardinality: [0..*]</p>

## 4.23 EOConfirmTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANS_ACCEPTED (Class) EOTransactionAccepted «XSDcomplexType»                      Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANS_REJECTED (Class) EOTransactionRejected «XSDcomplexType»                      Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionRequest «XSDcomplexType»</p> <p>Target: Public EO_CONFIRM_TRANS_HEADER (Class) EOConfirmTransactionHeader «XSDcomplexType»                      Cardinality: [1]</p>

## 4.24 EOConfirmTransactionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p>

ASSOCIATIONS	
Source: Public (Class) EOConfirmTransactionResponseHeader «XSDcomplexType»	Target: Public EO_CONFIRM_TRANS_SUCCESS (Class) EOConfirmTransactionSuccess «XSDcomplexType» Cardinality: [0..*]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOConfirmTransactionResponseHeader «XSDcomplexType»	Target: Public EO_CONFIRM_TRANS_FAILURE (Class) EOConfirmTransactionFailure «XSDcomplexType» Cardinality: [0..*]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOConfirmTransactionResponse «XSDcomplexType»	Target: Public EO_CONFIRM_TRANS_RESP_HEADER (Class) EOConfirmTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]

## 4.25 EOConfirmTransactionSuccess

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
SELLER_CERTIFICATE_NUMBER : NonEmptyString100
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
BUYER_CERTIFICATE_NUMBER : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
LOADING_DATE : dateTime
DELIVERY_DATE : dateTime Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
REFERENCE_NUMBER : NonEmptyString255
TRADE_DATE : dateTime
MATERIAL_CODE : NonEmptyString10
MATERIAL_CATEGORY : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
STATUS : TransactionStatusEnum
REJECT_REASON : RejectReasonEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
COMMENT : String255 Multiplicity: ( [0..1], Allow duplicates: 0)

ATTRIBUTES
Stereotype is «XSDelement»
◆ POS_ID : String50
◆ TRANSACTION_ID : String50
◆ OBSERVATION : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionSuccess «XSDcomplexType»</p> <p>Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionSuccess «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION_MATERIAL (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [1..*]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_CONFIRM_TRANS_SUCCESS (Class) EOConfirmTransactionSuccess «XSDcomplexType» Cardinality: [0..*]</p>

## 4.26 EODetail

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255 Economic Operator Identification</p> <p>This is National identification code/Business registration code</p>
<p>◆ OLD_ECONOMIC_OPERATOR_NUMBER : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» Old Economic Operator Identification</p> <p>If you want to replace an exiting Economic Operator Identification (NTR) with new NTR fill this field</p>
<p>◆ ORGANISATION_NAME : NonEmptyString255 Economic Operator Name</p>
<p>◆ VAT_NUMBER : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» Economic Operator VAT Number</p>
<p>◆ COUNTRY_CODE : NonEmptyString2 Economic Operator Country Code (ISO)</p>

ATTRIBUTES	
EMAIL : String255	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
CONTACT_PERSON : String255	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
LEGAL_TYPE : LegalTypeEnum	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
TELEPHONE : String50	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
WEBSITE : String255	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
GROUP_NAME : String255	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
STATUS : OrganisationStatusEnum	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EODetail «XSDcomplexType»</p>	<p>Target: Public EO_CERTIFICATE_ID (Class) EOCertificateIdentifier «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EODetailByVSHeader «XSDcomplexType»</p>	<p>Target: Public EO_DETAIL (Class) EODetail «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EODetailHeader «XSDcomplexType»</p>	<p>Target: Public EO_DETAIL (Class) EODetail «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>

## 4.27 EODetailById

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
ECONOMIC_OPERATOR_NUMBER : NonEmptyString50	
COUNTRY_CODE : NonEmptyString2	ISO CODE 2 digit
VAT_NUMBER : String50	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ATTRIBUTES	
ASSOCIATIONS	
Association (direction: Source -> Destination)	
Source: Public (Class) EOHeader «XSDcomplexType»	Target: Public EO_DETAIL_BY_ID (Class) EODetailById «XSDcomplexType» Cardinality: [1..*]

## 4.28 EODetailByIdResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
ECONOMIC_OPERATOR_NUMBER : NonEmptyString50	
GRID_NAME : NonEmptyString255	
TSO_DSO_METERING_POINT_NAME : NonEmptyString100	
TSO_DSO_METERING_POINT_ADDRESS : NonEmptyString100	
TSO_DSO_METERING_POINT_CITY : NonEmptyString100	
TSO_DSO_METERING_POINT_POST_CODE : NonEmptyString100	
TSO_DSO_METERING_POINT_REGION : NonEmptyString100	
TSO_DSO_METERING_POINT_COUNTRY : NonEmptyString100	
TSO_DSO_METERING_POINT_LATITUDE : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»	
TSO_DSO_METERING_POINT_LONGITUDE : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»	

ASSOCIATIONS	
Association (direction: Source -> Destination)	
Source: Public (Class) EOResponseHeader «XSDcomplexType»	Target: Public EO_DETAIL_BY_ID_RESPONSE (Class) EODetailByIdResponse «XSDcomplexType» Cardinality: [0..*]

## 4.29 EODetailByVSHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
VOLUNTARY_SCHEME_NUMBER : NonEmptyString8 Unique identifier of the voluntary scheme. If known, the UDB can reply with the dataset of the Economic operator, that are linked to this Voluntary Scheme. Else return the error code <VS does not exist>	



ATTRIBUTES
VSXX0001

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EODetailByVSHeader «XSDcomplexType»</p> <p>Target: Public EO_DETAIL (Class) EODetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EODetailByVSHeader «XSDcomplexType»</p> <p>Target: Public EO_SCOPE (Class) EOScope «XSDcomplexType» Cardinality: [0..*]</p>

### 4.30 EODetailHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EODetailHeader «XSDcomplexType»</p> <p>Target: Public EO_DETAIL (Class) EODetail «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddOrganisationRequest «XSDcomplexType»</p> <p>Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetOrganisationListResponse «XSDcomplexType»</p> <p>Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetOrganisationByIDResponse «XSDcomplexType»</p> <p>Target: Public EO_DETAIL_HEADER (Class) EODetailHeader «XSDcomplexType» Cardinality: [0..1]</p>

### 4.31 EODetailResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
STATUS : OperationStatusEnum
<p>OBSERVATION : String255</p> <p>Multiplicity: ( [0..1], Allow duplicates: 0)</p> <p>Stereotype is «XSDelement»</p>

ATTRIBUTES

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EODetailResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_DETAIL_RESPONSE (Class) EODetailResponse «XSDcomplexType» Cardinality: [1..*]</p>

## 4.32 EODetailResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EODetailResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_DETAIL_RESPONSE (Class) EODetailResponse «XSDcomplexType» Cardinality: [1..*]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddOrganisationResponse «XSDcomplexType»</p> <p>Target: Public EO_DETAIL_RESPONSE_HEADER (Class) EODetailResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

## 4.33 EOFGPGetTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPGetTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION (Class) EOTradeID «XSDcomplexType» Cardinality: [0..1]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPGetTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetFGPTransactionRequest «XSDcomplexType»</p> <p>Target: Public EO_FGP_GET_TRANS_HEADER (Class) EOFGPGetTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.34 EOFGPTransaction

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
BUYER_CERTIFICATE_NUMBER : NonEmptyString100
REFERENCE_NUMBER : NonEmptyString255
TRADE_DATE : dateTime
LOADING_DATE : dateTime
DELIVERY_DATE : dateTime
PLACE_OF_DELIVERY_NAME : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
PLACE_OF_DELIVERY_PINCODE : String20 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
QUANTITY : Number13and6Decimal
MATERIAL_CODE : NonEmptyString10
MEASURE_UNIT : MeasuringUnitEnum
TRADE_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
POS_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
STATUS : OperationStatusEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPTransaction «XSDcomplexType»      Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPTransactionHeader «XSDcomplexType»      Target: Public EO_FGP_TRANSACTION (Class) EOFGPTransaction «XSDcomplexType» Cardinality: [0..*]</p>

## 4.35 EOFGPTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
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ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_FGP_TRANSACTION (Class) EOFGPTransaction «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddFGPTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_FGP_TRANS_HEADER (Class) EOFGPTransactionHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetFGPTransactionResponse «XSDcomplexType»</p>	<p>Target: Public EO_FGP_TRANS_HEADER (Class) EOFGPTransactionHeader «XSDcomplexType»</p>

### 4.36 EOFGPTransactionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPTransactionResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_FGP_TRADE_RESPONSE (Class) EOTradeResponse «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»</p>	<p>Target: Public EO_FGP_TRANS_RESP_HEADER (Class) EOFGPTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

### 4.37 EOGetInitialStockRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockRequestHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockRequestHeader «XSDcomplexType»</p>	<p>Target: Public EO_INITIAL_STOCK (Class) EOInitialStockId «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockRequest «XSDcomplexType»</p>	<p>Target: Public EO_GET_INITIAL_STOCK_HEADER (Class) EOGetInitialStockRequestHeader</p>

ASSOCIATIONS
«XSDcomplexType»

## 4.38 EOGetPOSListRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPOSListRequestHeader «XSDcomplexType»</p> <p>Target: Public POS (Class) POS «XSDcomplexType» Cardinality: [1]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPOSListRequest «XSDcomplexType»</p> <p>Target: Public GET_POS_LIST_REQ_HEADER (Class) EOGetPOSListRequestHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.39 EOGetPoOTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPoOTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION (Class) EOTradeID «XSDcomplexType» Cardinality: [0..1]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPoOTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPoOTradeRequest «XSDcomplexType»</p> <p>Target: Public EO_GET_POO_TRANS_HEADER (Class) EOGetPoOTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.40 EOGetTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION (Class) EOTransactionId «XSDcomplexType» Cardinality: [0..1]</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL_BY_CREATION_DATE (Class) EOIDDetailByCreationDate «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL_BY_TRADE_DATE (Class) EOIDDetailByTradeDate «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionRequest «XSDcomplexType»</p>	<p>Target: Public EO_GET_TRANS_HEADER (Class) EOGetTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.41 EOHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOHeader «XSDcomplexType»</p>	<p>Target: Public EO_DETAIL_BY_ID (Class) EODetailById «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetGasEOListRequest «XSDcomplexType»</p>	<p>Target: Public EO_HEADER (Class) EOHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.42 EOIDDetail

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p>ECONOMIC_OPERATOR_ID : NonEmptyString255</p>	
<p>TRADE_DATE_FROM : date</p>	
<p>TRADE_DATE_TO : date</p>	

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockRequestHeader «XSDcomplexType»</p>	<p>Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p>	

ASSOCIATIONS	
Source: Public (Class) EOGetPoOTransactionHeader «XSDcomplexType»	Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOFGPGGetTransactionHeader «XSDcomplexType»	Target: Public EO_ID_DETAIL (Class) EOIDDetail «XSDcomplexType» Cardinality: [0..*]

## 4.43 EOIDDetailByCreationDate

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
◆ ECONOMIC_OPERATOR_ID : NonEmptyString255
◆ CREATION_DATE_FROM : dateTime
◆ CREATION_DATE_TO : dateTime

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»	Target: Public EO_ID_DETAIL_BY_CREATION_DATE (Class) EOIDDetailByCreationDate «XSDcomplexType» Cardinality: [0..*]

## 4.44 EOIDDetailByTradeDate

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ATTRIBUTES
◆ ECONOMIC_OPERATOR_ID : NonEmptyString255
◆ TRADE_DATE_FROM : date
◆ TRADE_DATE_TO : date

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»	Target: Public EO_ID_DETAIL_BY_TRADE_DATE (Class) EOIDDetailByTradeDate «XSDcomplexType» Cardinality: [0..*]

## 4.45 EOId



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>  ECONOMIC_OPERATOR_NUMBER : NonEmptyString255                      Multiplicity: ( [1..999], Allow duplicates: 0)                      Stereotype is «XSDelement»                 </li> </ul>

ASSOCIATIONS
<ul style="list-style-type: none"> <li>  Association (direction: Source -&gt; Destination)                     </li> </ul> <p>Source: Public (Class) EOIdHeader «XSDcomplexType»                      Target: Public EO_ID (Class) EOId «XSDcomplexType»                      Cardinality: [1]</p>






## 4.46 EOIdHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<ul style="list-style-type: none"> <li>  Association (direction: Source -&gt; Destination)                     </li> </ul> <p>Source: Public (Class) EOIdHeader «XSDcomplexType»                      Target: Public EO_ID (Class) EOId «XSDcomplexType»                      Cardinality: [1]</p>
<ul style="list-style-type: none"> <li>  Association (direction: Source -&gt; Destination)                     </li> </ul> <p>Source: Public (Class) GetOrganisationByIdRequest «XSDcomplexType»                      Target: Public EO_ID_HEADER (Class) EOIdHeader «XSDcomplexType»                      Cardinality: [1]</p>

## 4.47 EOInOutMaterial

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>  INPUT_MATERIAL_CODE : NonEmptyString10                 </li> </ul>
<ul style="list-style-type: none"> <li>  ORIGINAL_POS : NonEmptyString50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Optional for Add Request and Mandatory for Get Response                 </li> </ul>
<ul style="list-style-type: none"> <li>  PREVIOUS_POS : NonEmptyString50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Optional for Add Request and Mandatory for Get Response                 </li> </ul>
<ul style="list-style-type: none"> <li>  INPUT_QUANTITY : Number13and6Decimal                 </li> </ul>
<ul style="list-style-type: none"> <li>  INPUT_MEASURE_UNIT : MeasuringUnitEnum                 </li> </ul>

ASSOCIATIONS
<ul style="list-style-type: none"> <li>  Association (direction: Source -&gt; Destination)                     </li> </ul>



ASSOCIATIONS	
Source: Public (Class) EOInOutMaterial «XSDcomplexType»	Target: Public EO_OUTPUT_MATERIAL (Class) EOOutputMaterial «XSDcomplexType» Cardinality: [1..*]
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOInOutMaterial «XSDcomplexType»	Target: Public MATERIAL_CONSIGNMENT (Class) Consignment «XSDcomplexType» Cardinality: [1]
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»	Target: Public EO_IN_OUT_MATERIAL (Class) EOInOutMaterial «XSDcomplexType» Cardinality: [1..*]

## 4.48 EOInOutMaterialAndPOSHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
◆ POS_FLAG : boolean

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»	Target: Public EO_OUTPUT_WASTE (Class) EOOutWasteMaterial «XSDcomplexType» Cardinality: [0..*]
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»	Target: Public EO_IN_OUT_MATERIAL (Class) EOInOutMaterial «XSDcomplexType» Cardinality: [1..*]
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOMaterialProcessDetails «XSDcomplexType»	Target: Public IN_OUT_MATERIAL_HEADER (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType» Cardinality: [1]

## 4.49 EOInitialStockId

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
◆ INITIAL_STOCK_REGISTRATION_ID : NonEmptyString50 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS
✍ Association (direction: Source -> Destination)

ASSOCIATIONS	
Source: Public (Class) EOGetInitialStockRequestHeader «XSDcomplexType»	Target: Public EO_INITIAL_STOCK (Class) EOInitialStockId «XSDcomplexType» Cardinality: [0..1]

## 4.50 EOInitialStockRegHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegHeader «XSDcomplexType»</p>	<p>Target: Public INITIAL_STOCK_REGN (Class) EOInitialStockRegn «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockResponse «XSDcomplexType»</p>	<p>Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddInitialStockRegnRequest «XSDcomplexType»</p>	<p>Target: Public INITIAL_STOCK_REG_HEADER (Class) EOInitialStockRegHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.51 EOInitialStockRegn

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>SITE_NAME : NonEmptyString255</p>
<p>SITE_PINCODE : NonEmptyString100</p>
<p>TRADE_REFERENCE : NonEmptyString255</p>
<p>INITIAL_STOCK_REGISTRATION_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      While adding initial stock this field should not be filled.                      This will be generated by UDB</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public EO_INITIAL_STOCK_FUEL (Class) EOInitialStockRegnFuel «XSDcomplexType» Cardinality: [0..1]</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public EO_INITIAL_STOCK_SUPPORT (Class) EOInitialStockRegnSupport «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public EO_INITIAL_STOCK_MAIN_QUANTITY (Class) EOInitialStockRegnMainQuantity «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public CONSIGNMENT_POS (Class) Consignment «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public EO_INITIAL_STOCK_RAW_MATERIAL (Class) EOInitialStockRegnRawMaterial «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegHeader «XSDcomplexType»</p>	<p>Target: Public INITIAL_STOCK_REGN (Class) EOInitialStockRegn «XSDcomplexType» Cardinality: [1..*]</p>

## 4.52 EOInitialStockRegnFuel

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>COUNTRY_CODE : NonEmptyString2</p>
<p>SCHEME : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p>CERTIFICATE_NUMBER : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p>MATERIAL_CODE : NonEmptyString10</p>
ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p>

ASSOCIATIONS	
Source: Public (Class) EOInitialStockRegn «XSDcomplexType»	Target: Public EO_INITIAL_STOCK_FUEL (Class) EOInitialStockRegnFuel «XSDcomplexType» Cardinality: [0..1]

## 4.53 EOInitialStockRegnMainQuantity

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
QUANTITY : Number13and6Decimal
MEASURE_UNIT : MeasuringUnitEnum

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public EO_INITIAL_STOCK_MAIN_QUANTITY (Class) EOInitialStockRegnMainQuantity «XSDcomplexType» Cardinality: [1]</p>

## 4.54 EOInitialStockRegnRawMaterial

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'






ATTRIBUTES
COUNTRY_OF_ORIGIN : NonEmptyString2
BIOMASS_LAND_CRITERIA : boolean Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
SCHEME_OF_ORIGIN : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
CERTIFICATE_NUMBER_OF_ORIGIN : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
WASTE_ANIMAL_PRODUCT_PERMIT_NUMBER : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
MATERIAL_CODE : NonEmptyString10



ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p> <p>Target: Public EO_INITIAL_STOCK_RAW_MATERIAL (Class) EOInitialStockRegnRawMaterial «XSDcomplexType»</p>

ASSOCIATIONS
Cardinality: [1]

## 4.55 EOInitialStockRegnResponse



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p> ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p> TRADE_REFERENCE : NonEmptyString255</p>
<p> INITIAL_STOCK_REGISTRATION_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> STATUS : OperationStatusEnum</p>
<p> OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegnResponse «XSDcomplexType»</p> <p>Target: Public CONSIGNMENT_POS (Class) Consignment «XSDcomplexType»                      Cardinality: [0..1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegnResponseHeader «XSDcomplexType»</p> <p>Target: Public INITIAL_STOCK_REGN_RESP (Class) EOInitialStockRegnResponse «XSDcomplexType»                      Cardinality: [1..*]</p>

## 4.56 EOInitialStockRegnResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegnResponseHeader «XSDcomplexType»</p> <p>Target: Public INITIAL_STOCK_REGN_RESP (Class) EOInitialStockRegnResponse «XSDcomplexType»                      Cardinality: [1..*]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddInitialStockRegnResponse «XSDcomplexType»</p> <p>Target: Public INITIAL_STOCK_REGN_RESP_HEADER (Class) EOInitialStockRegnResponseHeader «XSDcomplexType»                      Cardinality: [0..1]</p>

## 4.57 EOInitialStockRegnSupport

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p>◆ SUPPORT : NonEmptyString5                      Multiplicity: ( [1..999], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
ASSOCIATIONS	
<p>◆ Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public EO_INITIAL_STOCK_SUPPORT (Class) EOInitialStockRegnSupport «XSDcomplexType»                      Cardinality: [0..1]</p>

## 4.58 EOInterTransferRequest

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p>◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>	
<p>◆ CERTIFICATE_NUMBER : NonEmptyString100</p>	
<p>◆ LOADING_DATE : dateTime</p>	
<p>◆ PLACE_OF_LOADING_NAME : NonEmptyString255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Mandatory for Add                      Optional for Get</p>	
<p>◆ PLACE_OF_LOADING_POSTCODE : NonEmptyString20                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Mandatory for Add                      Optional for Get</p>	
<p>◆ DELIVERY_DATE : dateTime                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p>◆ PLACE_OF_DELIVERY_NAME : NonEmptyString255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Mandatory for Add                      Optional for Get</p>	
<p>◆ PLACE_OF_DELIVERY_POSTCODE : NonEmptyString255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Mandatory for Add                      Optional for Get</p>	
<p>◆ REFERENCE_NUMBER : NonEmptyString255</p>	

ATTRIBUTES
<p>TRADE_DATE : dateTime</p>
<p>MATERIAL_CODE : NonEmptyString10</p>
<p>STATUS : TransactionStatusEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>COMMENT : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>MATERIAL_CATEGORY : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>NO_ADDITIONAL_EMISSIONS : boolean                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      1 - If there is no additional emissions in this case POSData Section is not needed                      0 - If there is additional emission in this case POSData Section is needed</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInterTransferRequest «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION_MATERIAL (Class) EOTransactionMaterials «XSDcomplexType»                      Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInterTransferRequest «XSDcomplexType»</p> <p>Target: Public POS_DATA (Class) POSData «XSDcomplexType»                      Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInterTransferRequestHeader «XSDcomplexType»</p> <p>Target: Public EO_INTER_TRANSFER_REQUEST (Class) EOInterTransferRequest «XSDcomplexType»                      Cardinality: [1..*]</p>

## 4.59 EOInterTransferRequestHeader







Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInterTransferRequestHeader «XSDcomplexType»</p> <p>Target: Public EO_INTER_TRANSFER_REQUEST (Class) EOInterTransferRequest «XSDcomplexType»                      Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInterTransferRequest «XSDcomplexType»</p> <p>Target: Public EO_INTER_TRANSFER_REQ_HEADER (Class) EOInterTransferRequestHeader «XSDcomplexType»</p>

ASSOCIATIONS
Cardinality: [1]

## 4.60 EOInterTransferResponse



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p> ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p> REFERENCE_NUMBER : NonEmptyString255</p>
<p> TRANSACTION_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> POSID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p> STATUS : OperationStatusEnum</p>
<p> OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInterTransferResponseHeader «XSDcomplexType»</p> <p>Target: Public                      EO_INTER_TRANSFER_RESPONSE (Class)                      EOInterTransferResponse «XSDcomplexType»                      Cardinality: [0..*]</p>

## 4.61 EOInterTransferResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInterTransferResponseHeader «XSDcomplexType»</p> <p>Target: Public                      EO_INTER_TRANSFER_RESPONSE (Class)                      EOInterTransferResponse «XSDcomplexType»                      Cardinality: [0..*]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInterTransferResponse «XSDcomplexType»</p> <p>Target: Public                      EO_INTER_TRANSFER_RES_HEADER (Class)                      EOInterTransferResponseHeader «XSDcomplexType»                      Cardinality: [0..1]</p>

## 4.62 EOMaterialDetail



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆	ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
◆	MATERIAL_PROCESS_DATE_FROM : date
◆	MATERIAL_PROCESS_DATE_TO : date

ASSOCIATIONS	
/ Association (direction: Source -> Destination)	
Source: Public (Class) GetMaterialProcessListRequestHeader «XSDcomplexType»	Target: Public MATERIAL_DETAIL (Class) EOMaterialDetail «XSDcomplexType» Cardinality: [0..*]

## 4.63 EOMaterialPOS

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆	POS_ID : NonEmptyString50
◆	OUTPUT_MATERIAL_CODE : NonEmptyString10
◆	QUANTITY : Number13and6Decimal
◆	MEASURE_UNIT : MeasuringUnitEnum


  

ASSOCIATIONS	
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOMaterialPOS «XSDcomplexType»	Target: Public OUTPUT_POS_DATA (Class) EOOutputMaterialPOS «XSDcomplexType» Cardinality: [0..1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»	Target: Public MATERIAL_POS (Class) EOMaterialPOS «XSDcomplexType» Cardinality: [0..*]

## 4.64 EOMaterialProcess









Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'



ATTRIBUTES	
◆	MATERIAL_PROCESS_ID : NonEmptyString50 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDElement»

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GetMaterialProcessListRequestHeader «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS (Class) EOMaterialProcess «XSDcomplexType» Cardinality: [0..1]</p>

## 4.65 EOMaterialProcessDetails


Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p> ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p> CERTIFICATE_NUMBER : NonEmptyString100</p>
<p> SITE_NAME : NonEmptyString255</p>
<p> SITE_POSTCODE : NonEmptyString100</p>
<p> MATERIAL_PROCESS_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> PROCESSING_DATE_TIME : date</p>
<p> SCOPE_ID : String10</p>
<p> POS_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement» For Add Request this field is not required and for Get Response this field has to be filled in</p>

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOMaterialProcessDetails «XSDcomplexType»</p>	<p>Target: Public IN_OUT_MATERIAL_HEADER (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOMaterialProcessingHeader «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS_DETAILS (Class) EOMaterialProcessDetails «XSDcomplexType» Cardinality: [1..*]</p>

## 4.66 EOMaterialProcessingHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOMaterialProcessingHeader «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS_DETAILS (Class) EOMaterialProcessDetails</p>

ASSOCIATIONS	
	«XSDcomplexType» Cardinality: [1..*]
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListResponse «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS_HEADER (Class) EOMaterialProcessingHeader «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingRequest «XSDcomplexType»</p>	<p>Target: Public MATERIAL_PROCESS_HEADER (Class) EOMaterialProcessingHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.67 EOOutWasteMaterial

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
MATERIAL_CODE : NonEmptyString10
QUANTITY : Number13and6Decimal
MEASURE_UNIT : MeasuringUnitEnum


ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInOutMaterialAndPOSHeader «XSDcomplexType»</p>	<p>Target: Public EO_OUTPUT_WASTE (Class) EOOutWasteMaterial «XSDcomplexType» Cardinality: [0..*]</p>

## 4.68 EOOutputMaterial

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
OUTPUT_QUANTITY : Number13and6Decimal
OUTPUT_MATERIAL_CODE : NonEmptyString10
OUTPUT_MEASURE_UNIT : MeasuringUnitEnum
<p>PROD_PLANT_START_DATE : date Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOOutputMaterial «XSDcomplexType»</p>	<p>Target: Public OUTPUT_POS_DATA (Class)</p>

ASSOCIATIONS	
	EOOutputMaterialPOS «XSDcomplexType» Cardinality: [1]
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInOutMaterial «XSDcomplexType»</p>	<p>Target: Public EO_OUTPUT_MATERIAL (Class) EOOutputMaterial «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>

## 4.69 EOOutputMaterialPOS

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p> GHG_MEASURING_UNIT_ACR : GHGUnitEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> GHG_TOTAL_VALUE : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> GHG_METHOD_TYPE : GHGMethodTypeEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> EEC : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> EL : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> EP : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> ETD : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> EU : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> EEC_AV_DDV : GHGAVDDVTypeEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> EL_AV_DDV : GHGAVDDVTypeEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> ESCA : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> ECCS : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>

ATTRIBUTES
<p>EP_AV_DDV : GHGAVDDVTypeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>ECCR : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>ETD_AV_DDV : GHGAVDDVTypeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>EU_AV_DDV : GHGAVDDVTypeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>EEC_NUTS2_DDV : GHGNUTS2DDVTypeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>LAND_USE_CHANGE_TYPE : String100                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOMaterialPOS «XSDcomplexType»</p> <p>Target: Public OUTPUT_POS_DATA (Class)                      EOOutputMaterialPOS «XSDcomplexType»                      Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOOutputMaterial «XSDcomplexType»</p> <p>Target: Public OUTPUT_POS_DATA (Class)                      EOOutputMaterialPOS «XSDcomplexType»                      Cardinality: [1]</p>

## 4.70 EOPoOTrade

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>CERTIFICATE_NUMBER : NonEmptyString100</p>
<p>SITE_NAME : NonEmptyString255</p>
<p>SITE_PINCODE : NonEmptyString100</p>
<p>TRADE_DATE : dateTime</p>
<p>DELIVERY_DATE : dateTime                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>MATERIAL_CODE : NonEmptyString10</p>
<p>MEASURE_UNIT : MeasuringUnitEnum</p>

ATTRIBUTES
<p>◆ POS_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Not required for Add request</p>
<p>◆ STATUS : OperationStatusEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Not required for Add request</p>
<p>◆ TRADE_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Not required for Add request</p>

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTrade «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACTS (Class) SourcingContacts «XSDcomplexType»                      Cardinality: [1]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTrade «XSDcomplexType»</p> <p>Target: Public POS_DATA (Class) POSDetail «XSDcomplexType»                      Cardinality: [1]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTradeHeader «XSDcomplexType»</p> <p>Target: Public EO_POO_TRADE (Class) EOPoOTrade «XSDcomplexType»                      Cardinality: [1..*]</p>

## 4.71 EOPoOTradeHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTradeHeader «XSDcomplexType»</p> <p>Target: Public EO_POO_TRADE (Class) EOPoOTrade «XSDcomplexType»                      Cardinality: [1..*]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType»</p> <p>Target: Public EO_POO_TRADE_HEADER (Class) EOPoOTradeHeader «XSDcomplexType»                      Cardinality: [0..1]</p>
<p>✓ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeRequest «XSDcomplexType»</p> <p>Target: Public EO_POO_TRADE_HEADER (Class) EOPoOTradeHeader «XSDcomplexType»                      Cardinality: [1]</p>

## 4.72 EOPoOTradeResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTradeResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_POT_TRADE_RESPONSE (Class) EOTradeResponse «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeResponse «XSDcomplexType»</p>	<p>Target: Public EO_POO_TRADE_RESP_HEADER (Class) EOPoOTradeResponseHeader «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>

### 4.73 EOscope

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>ORGANISATION_SCOPE : NonEmptyString10 Economic Operator Scope</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCertificate «XSDcomplexType»</p>	<p>Target: Public EO_SCOPE (Class) EOscope «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EODetailByVSHeader «XSDcomplexType»</p>	<p>Target: Public EO_SCOPE (Class) EOscope «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>

### 4.74 EOSellerNotificationHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOSellerNotificationHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_REJECTED (Class) EOTransactionRejected «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOSellerNotificationHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_ACCEPTED (Class) EOTransactionAccepted «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionSellerNotification</p>	<p>Target: Public</p>

ASSOCIATIONS	
«XSDcomplexType»	SELLER_NOTIFICATION_HEADER (Class) EOSellerNotificationHeader «XSDcomplexType» Cardinality: [1]

## 4.75 EOSiteScope

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>ORGANISATION_SCOPE : NonEmptyString10</p>
<p>IN_MATERIAL : NonEmptyString32</p>
<p>OUT_MATERIAL : NonEmptyString32</p>
<p>PROD_PLANT_DATE : date Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>MAX_CAPACITY_YEAR : PositiveInteger Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>REN_CAPACITY_YEAR : PositiveInteger Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>MAX_REN_CAPACITY_YEAR_UNITS : String100 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» The measuring units are based on the output material (OUT Material)  If material = raw material the units of measurements to choose from are: Litres, Tonnes, Gallons  If material = Fuel the units of measurements to choose from are: Litres at 15°C, Tonnes, Cubic metres at 15°C  For Traders with storage, Traders without storage, and Warehouse the units of measurements are: Litres, Tonnes, Gallons, Litres at 15°C, Cubic metres at 15°C</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOSiteScope «XSDcomplexType»</p> <p>Target: Public GHG (Class) CertificateGHGType «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCertificateSite «XSDcomplexType»</p> <p>Target: Public EO_SITE_SCOPE (Class) EOSiteScope «XSDcomplexType» Cardinality: [0..*]</p>

## 4.76 EOTradeID

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'



ATTRIBUTES	
<p>TRADE_ID : NonEmptyString50                      Multiplicity: ( [1..999], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOGetPoOTransactionHeader                      «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION (Class)                      EOTradeID «XSDcomplexType»                      Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOFGPGetTransactionHeader                      «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION (Class)                      EOTradeID «XSDcomplexType»                      Cardinality: [0..1]</p>

## 4.77 EOTradeResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p>ECONOMIC_OPERATOR_NUMBER : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p>TRADE_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p>POS_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p>STATUS : OperationStatusEnum</p>	
<p>OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOFGPTransactionResponseHeader                      «XSDcomplexType»</p>	<p>Target: Public EO_FGP_TRADE_RESPONSE (Class) EOTradeResponse «XSDcomplexType»                      Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) EOPoOTradeResponseHeader                      «XSDcomplexType»</p>	<p>Target: Public EO_POT_TRADE_RESPONSE (Class) EOTradeResponse «XSDcomplexType»                      Cardinality: [0..*]</p>

## 4.78 EOTransaction

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>SELLER_CERTIFICATE_NUMBER : NonEmptyString100</p>
<p>BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>BUYER_CERTIFICATE_NUMBER : String100                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>LOADING_DATE : dateTime</p>
<p>PLACE_OF_LOADING_NAME : NonEmptyString255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Mandatory for Add                      Optional for Get</p>
<p>PLACE_OF_LOADING_POSTCODE : NonEmptyString20                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      Mandatory for Add                      Optional for Get</p>
<p>DELIVERY_DATE : dateTime                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>REFERENCE_NUMBER : NonEmptyString255</p>
<p>TRADE_DATE : dateTime</p>
<p>MATERIAL_CODE : NonEmptyString10</p>
<p>MATERIAL_CATEGORY : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>STATUS : TransactionStatusEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>REJECT_REASON : RejectReasonEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>COMMENT : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>POS_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>TRANSACTION_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransaction «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION_MATERIAL (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransaction «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransaction «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION (Class) EOTransaction «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION (Class) EOTransaction «XSDcomplexType» Cardinality: [1..*]</p>

## 4.79 EOTransactionAccepted

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>TRANSACTION_ID : NonEmptyString50</p>
<p>BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>DELIVERY_DATE : dateTime</p>
<p>PLACE_OF_DELIVERY_NAME : NonEmptyString255</p>
<p>PLACE_OF_DELIVERY_POSTCODE : NonEmptyString20</p>
<p>REFERENCE_NUMBER : NonEmptyString255</p>
<p>STATUS : TransactionStatusEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>COMMENTS : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>ETD_BUYER : Number14and2Decimal Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransactionAccepted «XSDcomplexType»</p>	<p>Target: Public BUYER_TRANSPORT (Class) BuyerTransport «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_ACCEPTED (Class) EOTransactionAccepted «XSDcomplexType» Cardinality: [0..*]</p>

## 4.80 EOTransactionAcceptedd

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
TRANSACTION_ID : NonEmptyString50
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
DELIVERY_DATE : dateTime
REFERENCE_NUMBER : NonEmptyString255
<p>STATUS : TransactionStatusEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>COMMENTS : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOSellerNotificationHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_ACCEPTED (Class) EOTransactionAcceptedd «XSDcomplexType» Cardinality: [0..*]</p>

## 4.81 EOTransactionData

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
LOADING_DATE : dateTime
<p>DELIVERY_DATE : dateTime Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
REFERENCE_NUMBER : NonEmptyString255

ATTRIBUTES
<p>◆ MATERIAL_TYPE : NonEmptyString1 F - Fuel R - Raw Material</p>
<p>◆ TRADE_DATE : dateTime</p>
<p>◆ MATERIAL_CODE : NonEmptyString10</p>
<p>◆ TRANSACTION_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
<p>◆ STATUS : TransactionStatusEnum</p>
<p>◆ POS_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p>◆ Association (direction: Source -&gt; Destination) Source: Public (Class) EOTransactionData «XSDcomplexType» Target: Public POS_DATA (Class) POSData «XSDcomplexType» Cardinality: [1]</p>
<p>◆ Association (direction: Source -&gt; Destination) Source: Public (Class) EOTransactionData «XSDcomplexType» Target: Public MATERIAL_DATA (Class) MaterialData «XSDcomplexType» Cardinality: [1..*]</p>
<p>◆ Association (direction: Source -&gt; Destination) Source: Public (Class) EOBuyerNotificationHeader «XSDcomplexType» Target: Public (Class) EOTransactionData «XSDcomplexType» Cardinality: [1..*]</p>

## 4.82 EOTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>◆ Association (direction: Source -&gt; Destination) Source: Public (Class) EOTransactionHeader «XSDcomplexType» Target: Public EO_TRANSACTION (Class) EOTransaction «XSDcomplexType» Cardinality: [1..*]</p>
<p>◆ Association (direction: Source -&gt; Destination) Source: Public (Class) EOAddTransactionRequest «XSDcomplexType» Target: Public EO_TRANS_HEADER (Class) EOTransactionHeader «XSDcomplexType» Cardinality: [1]</p>
<p>◆ Association (direction: Source -&gt; Destination) Source: Public (Class) EOGetTransactionResponse «XSDcomplexType» Target: Public EO_TRANS_HEADER (Class) EOTransactionHeader «XSDcomplexType» Cardinality: [0..1]</p>

ASSOCIATIONS

### 4.83 EOTransactionId

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES

- TRANSACTION\_ID : NonEmptyString50  
 Multiplicity: ( [1..999], Allow duplicates: 0)  
 Stereotype is «XSDelement»

ASSOCIATIONS

- Association (direction: Source -> Destination)  
 Source: Public (Class) EOGetTransactionHeader «XSDcomplexType»  
 Target: Public EO\_TRANSACTION (Class) EOTransactionId «XSDcomplexType»  
 Cardinality: [0..1]

### 4.84 EOTransactionMaterials

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES

- ORIGINAL\_POS : NonEmptyString50
- PREVIOUS\_POS : NonEmptyString50
- QUANTITY : Number13and6Decimal
- MEASURE\_UNIT : NonEmptyString10
- COUNTRY\_OF\_ORIGIN : String2  
 Multiplicity: ( [0..1], Allow duplicates: 0)  
 Stereotype is «XSDelement»  
 ISO 2 Character Country Code

ASSOCIATIONS

- Association (direction: Source -> Destination)  
 Source: Public (Class) EOInterTransferRequest «XSDcomplexType»  
 Target: Public EO\_TRANSACTION\_MATERIAL (Class) EOTransactionMaterials «XSDcomplexType»  
 Cardinality: [1..\*]
- Association (direction: Source -> Destination)  
 Source: Public (Class) EOTransaction «XSDcomplexType»  
 Target: Public EO\_TRANSACTION\_MATERIAL (Class) EOTransactionMaterials «XSDcomplexType»  
 Cardinality: [1..\*]
- Association (direction: Source -> Destination)  
 Source: Public (Class) FuelData «XSDcomplexType»  
 Target: Public FUEL\_CONSIGNMENT (Class) EOTransactionMaterials «XSDcomplexType»  
 Cardinality: [0..1]

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionSuccess «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION_MATERIAL (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) RawMaterialData «XSDcomplexType»</p>	<p>Target: Public RAW_MATERIAL_CONSIGNMENT (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [0..1]</p>

## 4.85 EOTransactionRejected

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
TRANSACTION_ID : NonEmptyString50
BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
REFERENCE_NUMBER : NonEmptyString255
<p>STATUS : TransactionStatusEnum Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>
REJECT_REASON : RejectReasonEnum
<p>COMMENTS : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOSellerNotificationHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_REJECTED (Class) EOTransactionRejected «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANS_REJECTED (Class) EOTransactionRejected «XSDcomplexType» Cardinality: [0..*]</p>

## 4.86 EOTransactionResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
SELLER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255

ATTRIBUTES
<p>BUYER_ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>REFERENCE_NUMBER : NonEmptyString255</p>
<p>TRANSACTION_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>POSID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>STATUS : OperationStatusEnum</p>
<p>OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransactionResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransactionResponse «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransactionResponse «XSDcomplexType» Cardinality: [0..*]</p>

## 4.87 EOTransactionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransactionResponseHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransactionResponse «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionResponse «XSDcomplexType»</p> <p>Target: Public EO_TRANS_RESP_HEADER (Class) EOTransactionResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

## 4.88 EOUpdatePOSResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'



ATTRIBUTES
<ul style="list-style-type: none"> <li>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</li> </ul>
<ul style="list-style-type: none"> <li>POS_ID : NonEmptyString50</li> </ul>
<ul style="list-style-type: none"> <li>STATUS : OperationStatusEnum</li> </ul>
<ul style="list-style-type: none"> <li>OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»</li> </ul>

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>
<p>Source: Public (Class) EOUpdatePOSResponseHeader «XSDcomplexType»</p> <p>Target: Public UPDATE_POS_RESP (Class) EOUpdatePOSResponse «XSDcomplexType» Cardinality: [1..*]</p>

## 4.89 EOUpdatePOSResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>
<p>Source: Public (Class) EOUpdatePOSResponseHeader «XSDcomplexType»</p> <p>Target: Public UPDATE_POS_RESP (Class) EOUpdatePOSResponse «XSDcomplexType» Cardinality: [1..*]</p>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>
<p>Source: Public (Class) EOUpdatePOSResponse «XSDcomplexType»</p> <p>Target: Public UPDATE_POS_RESP_HEADER (Class) EOUpdatePOSResponseHeader «XSDcomplexType» Cardinality: [0..1]</p>

## 4.90 EOUpdateRejectedTransactionHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>
<p>Source: Public (Class) EOUpdateRejectedTransactionHeader «XSDcomplexType»</p> <p>Target: Public EO_TRANSACTION (Class) EOTransaction «XSDcomplexType» Cardinality: [1..*]</p>
<ul style="list-style-type: none"> <li>Association (direction: Source -&gt; Destination)</li> </ul>
<p>Source: Public (Class) EOUpdateRejectedTransactionRequest «XSDcomplexType»</p> <p>Target: Public EO_UPD_REJECTED_TRANS_HEADER (Class) EOUpdateRejectedTransactionHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.91 EOUpdateRejectedTransactionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType»</p>	<p>Target: Public EO_TRANSACTION_RESPONSE (Class) EOTransaction «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»</p>	<p>Target: Public EO_UPD_REJECTED_TRANS_RESPONSE (Class) EOUpdateRejectedTransactionResponseHeader «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>

## 4.92 FuelData

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
COUNTRY_CODE : NonEmptyString2
SCHEME : NonEmptyString8
CERTIFICATE_NUMBER : NonEmptyString10
MATERIAL_CODE : NonEmptyString10

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) FuelData «XSDcomplexType»</p>	<p>Target: Public FUEL_CONSIGNMENT (Class) EOTransactionMaterials «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) MaterialData «XSDcomplexType»</p>	<p>Target: Public FUEL_DATA (Class) FuelData «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>

## 4.93 GasEOIDDetail

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
ECONOMIC_OPERATOR_ID : String255
INJECTION_DATE_FROM : date
INJECTION_DATE_TO : date

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GetInjectionRequestHeader «XSDcomplexType»	Target: Public GAS_INJECTION_EO_ID (Class) GasEOIDDetail «XSDcomplexType» Cardinality: [0..*]


## 4.94 GasInjection

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
 ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
 MATERIAL_CODE : NonEmptyString10
 INJECTION_DATE : date
 BATCH_REFERENCE : NonEmptyString255
 CERTIFICATE_NUMBER : NonEmptyString100
 INJECTION_FACILITY_IDENTIFICATION : NonEmptyString255
 INJECTED_VOLUME_M3 : NonEmptyNumber19
 INJECTED_VOLUME_MWh : NonEmptyNumber19
 CONSUMED_VOLUME_M3 : Number19 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 CONSUMED_VOLUME_MWh : Number19 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
 PERIOD_OF_INJECTION_FROM : date
 PERIOD_OF_INJECTION_TO : date
 METERING_POINT_NUMBER : NonEmptyString255
 DSO_ID : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» Either DSO/TSO has to be filled.
 TSO_ID : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» Either DSO/TSO has to be filled.
 GRID_ID : NonEmptyString255
 METHOD_TYPE : String30 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» GHG Computation method  DV - Total default value (default) AV - Actual value

ATTRIBUTES
<p><b>DDV - Disaggregated default value</b>  <b>NUTS2</b></p>
<p><b>GHG : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EEC : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EL : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EP : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ETD : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EU : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ESCA : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ECCS : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ECCR : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>OPERATIONAL_AID : boolean</b>                      Yes(1) / No(0) - default = 0</p>
<p><b>IMPORT : String255</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>TSO_DSO_INJECTED_VOLUME_M3 : long</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>TSO_DSO_INJECTED_VOLUME_MWh : long</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>GAS_INJECTION_ID : String50</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      To be filled for UpdateRequest, GetResponse and not filled for AddRequest</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasInjectionRequestHeader                      «XSDcomplexType»</p> <p>Target: Public GAS_INJECTION (Class)                      GasInjection «XSDcomplexType»</p>

ASSOCIATIONS	
	Cardinality: [1..*]
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionResponseHeader «XSDcomplexType»</p> <p>Target: Public GAS_INJECTION (Class) GasInjection «XSDcomplexType» Cardinality: [1..*]</p>	

## 4.95 GasInjectionConfirm

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p> TSO_DSO_NUMBER : NonEmptyString255 Either DSO/TSO has to be filled.</p>
<p> ORG_TYPE : OrganisationTypeEnum ORGANISATION TYPE</p>
<p> ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p> MATERIAL_CODE : NonEmptyString10</p>
<p> PERIOD_OF_INJECTION_FROM : dateTime Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> PERIOD_OF_INJECTION_TO : dateTime Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> INJECTION_FACILITY_IDENTIFICATION : NonEmptyString255</p>
<p> POST_CODE : NonEmptyString50</p>
<p> TSO_DSO_INJECTED_VOLUME_M3 : long Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> TSO_DSO_INJECTED_VOLUME_MWh_GCV : long</p>
<p> TSO_DSO_INJECTED_VOLUME_MWh_LCV : long</p>
<p> METERING_POINT_NUMBER : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»</p>
<p> GRID_ID : NonEmptyString255</p>
<p> IMPORT : String2 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement» COUNTRY CODE</p>

ASSOCIATIONS
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GasInjectionConfirmRequestHeader «XSDcomplexType»</p> <p>Target: Public GAS_INJECTION_CONFIRM (Class) GasInjectionConfirm «XSDcomplexType» Cardinality: [1..*]</p>

ASSOCIATIONS

## 4.96 GasInjectionConfirmRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) GasInjectionConfirmRequestHeader  
«XSDcomplexType»

Target: Public GAS\_INJECTION\_CONFIRM  
(Class) GasInjectionConfirm «XSDcomplexType»  
Cardinality: [1..\*]

Association (direction: Source -> Destination)

Source: Public (Class) ConfirmGasInjectionRequest  
«XSDcomplexType»

Target: Public  
GAS\_INJ\_CONFIRM\_REQ\_HEADER (Class)  
GasInjectionConfirmRequestHeader  
«XSDcomplexType»  
Cardinality: [1]

## 4.97 GasInjectionConfirmResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES

TSO\_DSO\_NUMBER : NonEmptyString255  
Either DSO/TSO has to be filled.

TSO\_DSO\_NAME : NonEmptyString255  
Either DSO/TSO has to be filled.

ECONOMIC\_OPERATOR\_NUMBER : NonEmptyString255

ECONOMIC\_OPERATOR\_NAME : NonEmptyString255

PERIOD\_OF\_INJECTION\_FROM : dateTime  
Multiplicity: ( [0..1], Allow duplicates: 0)  
Stereotype is «XSDelement»

PERIOD\_OF\_INJECTION\_TO : dateTime  
Multiplicity: ( [0..1], Allow duplicates: 0)  
Stereotype is «XSDelement»

STATUS : OperationStatusEnum  
SUCCESS / FAILED

OBSERVATION : String255  
Multiplicity: ( [0..1], Allow duplicates: 0)  
Stereotype is «XSDelement»

ASSOCIATIONS

Association (direction: Source -> Destination)

Source: Public (Class) GasInjectionConfirmResponseHeader  
«XSDcomplexType»

Target: Public  
GAS\_INJECTION\_CONFIRM\_RESPONSE  
(Class) GasInjectionConfirmResponse

ASSOCIATIONS
«XSDcomplexType» Cardinality: [0..*]

## 4.98 GasInjectionConfirmResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
Association (direction: Source -> Destination)  Source: Public (Class) GasInjectionConfirmResponseHeader «XSDcomplexType»  Target: Public GAS_INJECTION_CONFIRM_RESPONSE (Class) GasInjectionConfirmResponse «XSDcomplexType» Cardinality: [0..*]
Association (direction: Source -> Destination)  Source: Public (Class) ConfirmGasInjectionResponse «XSDcomplexType»  Target: Public GAS_INJ_CONFIRM_RESP_HEADER (Class) GasInjectionConfirmResponseHeader «XSDcomplexType» Cardinality: [0..1]

## 4.99 GasInjectionId

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ATTRIBUTES
TRANSACTION_ID : NonEmptyString50 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS
Association (direction: Source -> Destination)  Source: Public (Class) GetInjectionRequestHeader «XSDcomplexType»  Target: Public GAS_INJECTION (Class) GasInjectionId «XSDcomplexType» Cardinality: [0..1]

## 4.100 GasInjectionPOS




Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
POS_ID : NonEmptyString50 For each Mwh of Injected data a POS is created and the list of POS must be sent in the response.
STATUS : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» For each Mwh of Consumed volume status has to be set to Consumed

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GasInjectionResponse «XSDcomplexType»	Target: Public POS (Class) GasInjectionPOS «XSDcomplexType» Cardinality: [0..*]








## 4.101 GasInjectionRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GasInjectionRequestHeader «XSDcomplexType»	Target: Public GAS_INJECTION (Class) GasInjection «XSDcomplexType» Cardinality: [1..*]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasInjectionRequest «XSDcomplexType»	Target: Public GAS_INJECTION_HEADER (Class) GasInjectionRequestHeader «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	
Source: Public (Class) UpdateGasSustainabilityRequest «XSDcomplexType»	Target: Public GAS_INJECTION_REQ_HEADER (Class) GasInjectionRequestHeader «XSDcomplexType» Cardinality: [1]

## 4.102 GasInjectionResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
 ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
 ORGANISATION_NAME : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»
 GAS_INJECTION_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»
 INJECTION_DATE : date Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»
 BATCH_REFERENCE : NonEmptyString255
 STATUS : OperationStatusEnum
 OBSERVATION : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»



ATTRIBUTES	
ASSOCIATIONS	
/ Association (direction: Source -> Destination)	
Source: Public (Class) GasInjectionResponse «XSDcomplexType»	Target: Public POS (Class) GasInjectionPOS «XSDcomplexType» Cardinality: [0..*]
/ Association (direction: Source -> Destination)	
Source: Public (Class) GasInjectionResponseHeader «XSDcomplexType»	Target: Public GAS_INJECTION_RESPONSE (Class) GasInjectionResponse «XSDcomplexType» Cardinality: [1..*]

### 4.103 GasInjectionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
/ Association (direction: Source -> Destination)	
Source: Public (Class) GasInjectionResponseHeader «XSDcomplexType»	Target: Public GAS_INJECTION_RESPONSE (Class) GasInjectionResponse «XSDcomplexType» Cardinality: [1..*]
/ Association (direction: Source -> Destination)	
Source: Public (Class) AddGasInjectionResponse «XSDcomplexType»	Target: Public GAS_INJECTION_RESP_HEADER (Class) GasInjectionResponseHeader «XSDcomplexType» Cardinality: [0..1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) UpdateGasSustainabilityResponse «XSDcomplexType»	Target: Public GAS_INJECTION_RESP_HEADER (Class) GasInjectionResponseHeader «XSDcomplexType» Cardinality: [0..1]

### 4.104 GasWithdrawalRequest

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
ECONOMIC_OPERATOR_NUMBER : NonEmptyString255	
MATERIAL_CODE : NonEmptyString10	
POS_ID : NonEmptyString50	
WITHDRAWAL_DATE : date	
PERIOD_OF_WITHDRAWAL_FROM : date Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDElement»	

ATTRIBUTES	
<p>PERIOD_OF_WITHDRAWAL_TO : date                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p>TSO_ID : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p>METERING_POINT_NUMBER : NonEmptyString255</p>	
<p>EXPORT : String2                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p>DSO_ID : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p>GRID_ID : NonEmptyString255</p>	
<p>GAS_WITHDRAWAL_ID : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p>STATUS : WithdrawalStatusEnum</p>	

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GasWithdrawalRequestHeader                      «XSDcomplexType»</p>	<p>Target: Public GAS_WITHDRAWAL_REQUEST                      (Class) GasWithdrawalRequest                      «XSDcomplexType»                      Cardinality: [1..*]</p>







## 4.105 GasWithdrawalRequestHeader


Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GasWithdrawalRequestHeader                      «XSDcomplexType»</p>	<p>Target: Public GAS_WITHDRAWAL_REQUEST                      (Class) GasWithdrawalRequest                      «XSDcomplexType»                      Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) AddGasWithdrawalRequest                      «XSDcomplexType»</p>	<p>Target: Public                      GAS_WITHDRAWAL_REQ_HEADER (Class)                      GasWithdrawalRequestHeader                      «XSDcomplexType»                      Cardinality: [1]</p>

## 4.106 GasWithdrawalResponse



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
	ECONOMIC_OPERATOR_NUMBER : NonEmptyString255
	GAS_WITHDRAWAL_ID : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
	WITHDRAWAL_DATE : date
	POS_ID : NonEmptyString50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
	STATUS : OperationStatusEnum
	OBSERVATION : String255 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GasWithdrawalResponseHeader «XSDcomplexType»	Target: Public GAS_WITHDRAWAL_RESPONSE (Class) GasWithdrawalResponse «XSDcomplexType» Cardinality: [0..*]

## 4.107 GasWithdrawalResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GasWithdrawalResponseHeader «XSDcomplexType»	Target: Public GAS_WITHDRAWAL_RESPONSE (Class) GasWithdrawalResponse «XSDcomplexType» Cardinality: [0..*]
 Association (direction: Source -> Destination)	
Source: Public (Class) AddGasWithdrawalResponse «XSDcomplexType»	Target: Public GAS_WITHDRAWAL_REQ_HEADER (Class) GasWithdrawalResponseHeader «XSDcomplexType» Cardinality: [0..1]

## 4.108 GeneralTransport

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) GeneralTransport «XSDcomplexType»	Target: Public TRANSPORT_DATA (Class) TransportData «XSDcomplexType»

ASSOCIATIONS	
	Cardinality: [1]
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSData «XSDcomplexType»</p>	<p>Target: Public GENERAL_TRANSPORT (Class) GeneralTransport «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSDetail «XSDcomplexType»</p>	<p>Target: Public GENERAL_TRANSPORT (Class) GeneralTransport «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSDetails «XSDcomplexType»</p>	<p>Target: Public GENERAL_TRANSPORT (Class) GeneralTransport «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>

## 4.109 GetInjectionRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionRequestHeader «XSDcomplexType»</p>	<p>Target: Public GAS_INJECTION_EO_ID (Class) GasEOIDDetail «XSDcomplexType»</p> <p>Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionRequestHeader «XSDcomplexType»</p>	<p>Target: Public GAS_INJECTION (Class) GasInjectionId «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetGasInjectionRequest «XSDcomplexType»</p>	<p>Target: Public GAS_INJ_REQ_HEADER (Class) GetInjectionRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>

## 4.110 GetInjectionResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionResponseHeader «XSDcomplexType»</p>	<p>Target: Public GAS_INJECTION (Class) GasInjection «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionResponse «XSDcomplexType»</p>	<p>Target: Public GAS_INJECTION_RESPONSE (Class) GetInjectionResponseHeader «XSDcomplexType»</p>

ASSOCIATIONS
Cardinality: [0..1]

## 4.111 GetMaterialProcessListRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetMaterialProcessListRequestHeader «XSDcomplexType»</p> <p>Target: Public MATERIAL_PROCESS (Class) EOMaterialProcess «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetMaterialProcessListRequestHeader «XSDcomplexType»</p> <p>Target: Public MATERIAL_DETAIL (Class) EOMaterialDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListRequest «XSDcomplexType»</p> <p>Target: Public MATERIAL_PROCESS_LIST_REQ_HEADER (Class) GetMaterialProcessListRequestHeader «XSDcomplexType» Cardinality: [1]</p>

## 4.112 MainQuantity

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>QUANTITY : Number13and6Decimal</p>
<p>MEASURE_UNIT : MeasuringUnitEnum</p>

## 4.113 MaterialData

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) MaterialData «XSDcomplexType»</p> <p>Target: Public RAW_MATERIAL_DATA (Class) RawMaterialData «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) MaterialData «XSDcomplexType»</p> <p>Target: Public FUEL_DATA (Class) FuelData «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p>

ASSOCIATIONS	
Source: Public (Class) MaterialData «XSDcomplexType»	Target: Public SUPPORT (Class) Support «XSDcomplexType» Cardinality: [0..1]
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOTransactionData «XSDcomplexType»	Target: Public MATERIAL_DATA (Class) MaterialData «XSDcomplexType» Cardinality: [1..*]

## 4.114 POS








Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>  POS_ID : NonEmptyString50                      Multiplicity: ( [1..999], Allow duplicates: 0)                      Stereotype is «XSDelement»                 </li> </ul>

ASSOCIATIONS	
✍ Association (direction: Source -> Destination)	
Source: Public (Class) EOGetPOSListRequestHeader «XSDcomplexType»	Target: Public POS (Class) POS «XSDcomplexType» Cardinality: [1]

## 4.115 POSData

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<ul style="list-style-type: none"> <li>  POS_FLAG : boolean                 </li> </ul>
<ul style="list-style-type: none"> <li>  METHOD_TYPE : GHGMethodTypeEnum                 </li> </ul>
<ul style="list-style-type: none"> <li>  COUNTRY_OF_ORIGIN : String2                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                 </li> </ul>
<ul style="list-style-type: none"> <li>  BIOMASS_LAND_CRITERIA : boolean                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                 </li> </ul>
<ul style="list-style-type: none"> <li>  NUTS2_REGION : String10                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                 </li> </ul>
<ul style="list-style-type: none"> <li>  GHG_TOTAL_VALUE : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                 </li> </ul>
<ul style="list-style-type: none"> <li>  GHG_MEASURING_UNIT_ACR : GHGUnitEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                 </li> </ul>

ATTRIBUTES
<p>◆ <b>EEC : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EL : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EP : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ETD : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EU : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ESCA : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ECCS : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ECCR : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>COMMENTS : String2000</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EEC_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EL_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EP_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ETD_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ETD_BUYER_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EU_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>LAND_USE_CHANGE_TYPE : String100</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      "The land use change type value must be defined for the given EL field." The field is mandatory if EL is filled.</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSData «XSDcomplexType»</p>	<p>Target: Public GENERAL_TRANSPORT (Class) GeneralTransport «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSData «XSDcomplexType»</p>	<p>Target: Public SELLER_TRANSPORT (Class) SellerTransport «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSData «XSDcomplexType»</p>	<p>Target: Public BUYER_TRANSPORT (Class) BuyerTransport «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInterTransferRequest «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionSuccess «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransactionData «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOFGPTtransaction «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInitialStockRegn «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOTransaction «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSData «XSDcomplexType»</p> <p>Cardinality: [1]</p>

## 4.116 POSDetail

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>POS_FLAG : boolean</p>
<p>METHOD_TYPE : GHGMethodTypeAnnexIXPartBEnum</p>



ATTRIBUTES
<p><b>COUNTRY_OF_ORIGIN</b> : String2                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>GHG_TOTAL_VALUE</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>GHG_MEASURING_UNIT_ACR</b> : GHGUnitEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EEC</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EL</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EP</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ETD</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EU</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ESCA</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ECCS</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>ECCR</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>MODE_OF_TRANSPORT</b> : TransportModeEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>COMMENTS</b> : String2000                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>TRANSPORT_DISTANCE_KM</b> : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EEC_AV_DDV</b> : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EL_AV_DDV</b> : String3                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p><b>EP_AV_DDV</b> : String3</p>

ATTRIBUTES	
	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ ETD_AV_DDV : String3	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ EU_AV_DDV : String3	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ ETD_BUYER_AV_DDV : String3	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ LAND_USE_CHANGE_TYPE : String100	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement» "The land use change type value must be defined for the given EL field." The field is mandatory if EL is filled.

ASSOCIATIONS	
<p>✍ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSDetail «XSDcomplexType»</p>	<p>Target: Public GENERAL_TRANSPORT (Class) GeneralTransport «XSDcomplexType» Cardinality: [0..1]</p>
<p>✍ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTrade «XSDcomplexType»</p>	<p>Target: Public POS_DATA (Class) POSDetail «XSDcomplexType» Cardinality: [1]</p>

## 4.117 POSDetails

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
◆ POS_ID : NonEmptyString50	
◆ ECONOMIC_OPERATOR_NUMBER : NonEmptyString255	
◆ COUNTRY_OF_ORIGIN : String2	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ COMMENTS : String2000	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ METHOD_TYPE : GHGMethodTypeEnum	
◆ GHG_TOTAL_VALUE : Number14and2Decimal	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»
◆ EEC : Number14and2Decimal	Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»

ATTRIBUTES
<p>◆ <b>EL : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EP : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ETD : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EU : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ESCA : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ECCS : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ECCR : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>MODE_OF_TRANSPORT : TransportModeEnum</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>TRANSPORT_DISTANCE_KM : Number14and2Decimal</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EEC_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EL_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EP_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ETD_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>EU_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>ETD_BUYER_AV_DDV : String3</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ <b>LAND_USE_CHANGE_TYPE : String100</b>                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      "The land use change type value must be defined for the given EL field." The field is mandatory if EL is filled.</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSDetails «XSDcomplexType»</p>	<p>Target: Public GENERAL_TRANSPORT (Class) GeneralTransport «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSDetails «XSDcomplexType»</p>	<p>Target: Public SELLER_TRANSPORT (Class) SellerTransport «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSDetails «XSDcomplexType»</p>	<p>Target: Public BUYER_TRANSPORT (Class) BuyerTransport «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSDetailsHeader «XSDcomplexType»</p>	<p>Target: Public POS_DETAILS (Class) POSDetails «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>

## 4.118 POSDetailsHeader





Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'



ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSDetailsHeader «XSDcomplexType»</p>	<p>Target: Public POS_DETAILS (Class) POSDetails «XSDcomplexType»</p> <p>Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPOSListResponse «XSDcomplexType»</p>	<p>Target: Public POS_DETAILS_HEADER (Class) POSDetailsHeader «XSDcomplexType»</p> <p>Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdatePOSRequest «XSDcomplexType»</p>	<p>Target: Public POS_DETAILS_HEADER (Class) POSDetailsHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>

## 4.119 RawMaterialData

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'


ATTRIBUTES
<p>COUNTRY_OF_ORIGIN : NonEmptyString2</p>
<p>BIOMASS_LAND_CRITERIA : boolean</p> <p>Multiplicity: ( [0..1], Allow duplicates: 0)</p> <p>Stereotype is «XSDelement»</p>


ATTRIBUTES	
 SCHEME_OF_ORIGIN : NonEmptyString8	
 CERTIFICATE_NUMBER_OF_ORIGIN : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»	
 WASTE_ANIMAL_PRODUCT_PERMIT_NUMBER : String50 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDelement»	
 MATERIAL_CODE : NonEmptyString10	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) RawMaterialData «XSDcomplexType»	Target: Public RAW_MATERIAL_CONSIGNMENT (Class) EOTransactionMaterials «XSDcomplexType» Cardinality: [0..1]
 Association (direction: Source -> Destination)	
Source: Public (Class) MaterialData «XSDcomplexType»	Target: Public RAW_MATERIAL_DATA (Class) RawMaterialData «XSDcomplexType» Cardinality: [1]

## 4.120 SCId



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
 SOURCING_CONTACT_NUMBER : NonEmptyString50 Multiplicity: ( [1..999], Allow duplicates: 0) Stereotype is «XSDelement»	

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) SCIdHeader «XSDcomplexType»	Target: Public SC_ID (Class) SCId «XSDcomplexType» Cardinality: [1]

## 4.121 SCIdHeader




Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
 Association (direction: Source -> Destination)	
Source: Public (Class) SCIdHeader «XSDcomplexType»	Target: Public SC_ID (Class) SCId «XSDcomplexType» Cardinality: [1]
 Association (direction: Source -> Destination)	

ASSOCIATIONS	
Source: Public (Class) GetSourcingContactByIDRequest «XSDcomplexType»	Target: Public SC_ID_HEADER (Class) SCIdHeader «XSDcomplexType» Cardinality: [1]



## 4.122 SellerTransport


Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SellerTransport «XSDcomplexType»</p>	<p>Target: Public TRANSPORT_DATA (Class) TransportData «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSData «XSDcomplexType»</p>	<p>Target: Public SELLER_TRANSPORT (Class) SellerTransport «XSDcomplexType» Cardinality: [0..1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) POSDetails «XSDcomplexType»</p>	<p>Target: Public SELLER_TRANSPORT (Class) SellerTransport «XSDcomplexType» Cardinality: [0..1]</p>

## 4.123 SourcingContact



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
 SOURCING_CONTACT_NUMBER : NonEmptyString255
 QUANTITY : Number10and3Decimal

ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContacts «XSDcomplexType»</p>	<p>Target: Public SOURCING_CONTACT (Class) SourcingContact «XSDcomplexType» Cardinality: [1..*]</p>

## 4.124 SourcingContactAddress

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
 ADDRESS : NonEmptyString255
 CITY : NonEmptyString50

ATTRIBUTES
<p>POST_CODE : NonEmptyString50</p>
<p>STATE : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>COUNTRY_CODE : NonEmptyString2</p>

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContactDetail                      «XSDcomplexType»</p> <p>Target: Public                      SOURCING_CONTACT_ADDRESS (Class)                      SourcingContactAddress «XSDcomplexType»                      Cardinality: [1..*]</p>

## 4.125 SourcingContactDetail

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES
<p>ECONOMIC_OPERATOR_NUMBER : NonEmptyString255</p>
<p>SOURCING_CONTACT_NUMBER : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>OLD_SOURCING_CONTACT_NUMBER : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»                      If this field is filled then Sourcing contact number becomes mandatory</p>
<p>COUNTRY_CODE : NonEmptyString2</p>
<p>SOURCING_CONTACT_NAME : NonEmptyString255</p>
<p>LEGAL_TYPE : NonEmptyString50</p>
<p>VAT_NUMBER : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>OTH_LEGAL_IDENTIFICATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>EMAIL : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>TELEPHONE : String50                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>WEBSITE : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>STATUS : OperationStatusEnum                      Multiplicity: ( [0..1], Allow duplicates: 0)</p>

ATTRIBUTES
Stereotype is «XSDelement»
REN_CAPACITY_YEAR : Number19
MAX_CAPACITY_YEAR : Number19
MEASURE_UNIT : MeasuringUnitEnum

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContactDetail «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_ADDRESS (Class) SourcingContactAddress «XSDcomplexType» Cardinality: [1..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContactHeader «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_DETAIL (Class) SourcingContactDetail «XSDcomplexType» Cardinality: [0..*]</p>

## 4.126 SourcingContactHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContactHeader «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_DETAIL (Class) SourcingContactDetail «XSDcomplexType» Cardinality: [0..*]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddSourcingContactRequest «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDResponse «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_HEADER (Class) SourcingContactHeader «XSDcomplexType» Cardinality: [0..1]</p>

## 4.127 SourcingContactResponse

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'



ATTRIBUTES
<p>◆ SOURCING_CONTACT_NUMBER : NonEmptyString50</p>
<p>◆ OBSERVATION : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>
<p>◆ STATUS : OperationStatusEnum</p>

ASSOCIATIONS
<p>◆ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContactResponseHeader «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_RESPONSE (Class) SourcingContactResponse «XSDcomplexType»                      Cardinality: [0..*]</p>

## 4.128 SourcingContactResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>◆ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContactResponseHeader «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_RESPONSE (Class) SourcingContactResponse «XSDcomplexType»                      Cardinality: [0..*]</p>
<p>◆ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT_RESP_HEADER (Class) SourcingContactResponseHeader «XSDcomplexType»                      Cardinality: [0..1]</p>



## 4.129 SourcingContacts

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ASSOCIATIONS
<p>◆ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) SourcingContacts «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACT (Class) SourcingContact «XSDcomplexType»                      Cardinality: [1..*]</p>
<p>◆ Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOPoOTrade «XSDcomplexType»</p> <p>Target: Public SOURCING_CONTACTS (Class) SourcingContacts «XSDcomplexType»                      Cardinality: [1]</p>







## 4.130 Support

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p> SUPPORT : NonEmptyString5                      Multiplicity: ( [1..999], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) MaterialData «XSDcomplexType»</p>	<p>Target: Public SUPPORT (Class) Support «XSDcomplexType»                      Cardinality: [0..1]</p>

## 4.131 TransportData



Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

ATTRIBUTES	
<p> MODE_OF_TRANSPORT_ROAD_DISTANCE_KM : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> MODE_OF_TRANSPORT_SHIP_DISTANCE_KM : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
<p> MODE_OF_TRANSPORT_TRAIN_DISTANCE_KM : Number14and2Decimal                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDelement»</p>	
ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) BuyerTransport «XSDcomplexType»</p>	<p>Target: Public TRANSPORT_DATA (Class) TransportData «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) SellerTransport «XSDcomplexType»</p>	<p>Target: Public TRANSPORT_DATA (Class) TransportData «XSDcomplexType»                      Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p>	
<p>Source: Public (Class) GeneralTransport «XSDcomplexType»</p>	<p>Target: Public TRANSPORT_DATA (Class) TransportData «XSDcomplexType»                      Cardinality: [1]</p>

## 4.132 UdbRequestHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

UDB generic request header

ATTRIBUTES	
<p> <b>REQUEST_ID</b> : NonEmptyString255                      Unique identifier of a request message.                      The submitter is free to use any value as ID.                      The only purpose of this ID is to be returned in asynchronous responses that will be given to this request so the system can link request with response.</p>	
ASSOCIATIONS	
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactListRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdatePOSRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) TransactionSellerNotification «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddGasInjectionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetOrganisationByIDRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddUpdateCertificateRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p> Association (direction: Source -&gt; Destination)</p>	

ASSOCIATIONS	
Source: Public (Class) EOCancelTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOAddPoOTradeRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) AddOrganisationRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOUpdateRejectedTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) TransactionBuyerNotification «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) UpdateGasSustainabilityRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOAddFGPTTransactionRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) GetOrganisationListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) GetGasEOListRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) GetCertificateExpiryRequest «XSDcomplexType»	Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]
/ Association (direction: Source -> Destination)	
Source: Public (Class) EOAddMaterialProcessingRequest	Target: Public REQUEST_HEADER (Class)

ASSOCIATIONS	
«XSDcomplexType»	UdbRequestHeader «XSDcomplexType» Cardinality: [1]
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetFGPTransactionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddInitialStockRegnRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPOSListRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddSourcingContactRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInterTransferRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) ConfirmGasInjectionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddGasWithdrawalRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetGasInjectionRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPoOTradeRequest «XSDcomplexType»</p>	<p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p>

ASSOCIATIONS	
Cardinality: [1]	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionRequest «XSDcomplexType»</p> <p>Target: Public REQUEST_HEADER (Class) UdbRequestHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>	

## 4.133 UdbResponseHeader

Class «XSDcomplexType» in package 'UDBModel (v1.0.0)'

UDB Response header

ATTRIBUTES
<p>REQUEST_ID : NonEmptyString255 Unique identifier of a request message. The submitter is free to use any value as ID. The only purpose of this ID is to be returned in asynchronous responses that will be given to this request so the system can link request with response.</p>
<p>PROCESSING_DATE : dateTime Date/time when the request was processed. As exchange is asynchronous, the time the reponse is received will not match when the request was processed.</p>
<p>STATUS : OperationStatusEnum Status of the response: INVALID_REQUEST: Returned status when missing or wrong parameters have been included in the request. CREW_NOT_FOUND: Returned status when no crew members match the CID or parameters included in the request. CREW_FOUND_SIMILARS: Returned status when one or more crew members with similar parameters included in the request is found. CREW_FOUND: Returned status when the request has been processed and an exact match is found. SUCCESS: Returned status when the request has been processed successfully. FAILED: Returned status when the request has not been processed due to an error.</p>
<p>OBSERVATION : String2000 Multiplicity: ( [0..1], Allow duplicates: 0) Stereotype is «XSDattribute»</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetMaterialProcessListResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddTransactionResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetTransactionResponse «XSDcomplexType»</p> <p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p>	

ASSOCIATIONS	
	Cardinality: [1]
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddOrganisationResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetInitialStockResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOConfirmTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPOSListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdatePOSResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddGasWithdrawalResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddFGPTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetGasEOListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddSourcingContactResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOInterTransferResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) UpdateGasSustainabilityResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType» Cardinality: [1]</p>

ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOCancelTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetInjectionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) ConfirmGasInjectionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddPoOTradeResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AuthorityAck «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) ErrorResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactByIDResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddInitialStockRegnResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetPoOTradeResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetOrganisationByIDResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddUpdateCertificateResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>



ASSOCIATIONS	
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOGetFGPTTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetOrganisationListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetSourcingContactListResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOUpdateRejectedTransactionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) GetCertificateResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) EOAddMaterialProcessingResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>
<p>Association (direction: Source -&gt; Destination)</p> <p>Source: Public (Class) AddGasInjectionResponse «XSDcomplexType»</p>	<p>Target: Public RESPONSE_HEADER (Class) UdbResponseHeader «XSDcomplexType»</p> <p>Cardinality: [1]</p>

## 4.134 CertificateStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
Cancelled :
Expired :
Suspended :
Valid :
Withdrawn :

## 4.135 ChainOfCustodyEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
◆ Mass balance :
◆ Not Assessed :
◆ Segregation :

### 4.136 GHGAVDDVTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
◆ AV :
◆ DDV :

### 4.137 GHGMethodTypeAnnexIXPartBEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

(METHOD\_TYPE: TDV - Total default value, AV - Actual Value, DDV - Disaggregated default value

ATTRIBUTES
◆ AV :
◆ DDV :
◆ DDV_AV :
◆ TDV :

### 4.138 GHGMethodTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

(METHOD\_TYPE: TDV - Total default value, AV - Actual Value, DDV - Disaggregated default value

**TDV**

If Material selected = RM, then Total GHG **should be** zero  
 If Material selected = Fuel, then Total GHG **MUST be** > zero.

**DDV**

TOTAL GHG **should be** > 0 for Raw Material  
 TOTAL GHG **MUST be** > 0 for Fuel

**AV**

TOTAL GHG **MUST be** > 0 (for both Raw Material and Fuel).

**DDV & AV**

TOTAL GHG MUST be > 0 (for both Raw Material and Fuel).

**DDV & NUTS2**

TOTAL GHG MUST be > 0

**NUTS2**

TOTAL GHG MUST be > 0

ATTRIBUTES
◆ AV :
◆ DDV :
◆ DDV_AV :
◆ DDV_NUTS2 :
◆ DV_NUTS2 :
◆ NUTS2 :
◆ TDV :

### 4.139 GHGNUTS2DDVTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
◆ DDV :
◆ NUTS2 :

### 4.140 GHGTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

(GHG: DV - Default Value, AV - Actual Value and NUTS2 - For cultivation based on NUTS2 values (regional))

NA - Not Applicable / Not Available

ATTRIBUTES
◆ AV :
◆ DV :
◆ NA :
◆ NUTS2 :

### 4.141 GHGUnitEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

kgCO2eq/DMT kg CO2 equivalent /dry-ton

gCO2eq/MJ gCO2 equivalent /MJ

ATTRIBUTES
◆ gCO2eq/MJ :
◆ kgCO2eq/DMT :

## 4.142 LegalTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
◆ LEGAL_ENTITY :
◆ NATURAL_PERSON :
◆ UNKNOWN :

## 4.143 MassbalanceDurationEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends int

ATTRIBUTES
◆ 1 :
◆ 12 :
◆ 2 :
◆ 3 :

## 4.144 MeasuringUnitEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

t tonnes  
 L litres  
 gal gallons  
 SCM cubic metres at 15°C  
 SL litres at 15°C

ATTRIBUTES
◆ gal :
◆ L :
◆ MWh :
◆ SCM :
◆ SL :
◆ t :

## 4.145 OperationStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

Enumeration containing the resulting status of the research

ATTRIBUTES
◆ ACCEPTED :
◆ CANCELLED :
◆ CREATED :
◆ FOUND :
◆ FOUND_SIMILARS :
◆ IN_TRANSIT :
◆ INACTIVE_SERVICE :
◆ INVALID_REQUEST : Returned status when missing or wrong parameters have been included in the request.
◆ NOT_FOUND :
◆ OTHER :
◆ PARTIAL :
◆ PENDING :
◆ PROVISIONAL :
◆ REJECTED :
◆ TIMEOUT :
◆ UPDATED :
◆ SUCCESS : Returned status when the request has been processed successfully.
◆ FAILED : Returned status when the request has not been processed due to an error.

## 4.146 OrganisationStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
◆ ACTIVE :
◆ CLOSED :
◆ IN_REVIEW :
◆ PENDING :

ATTRIBUTES
◆ SUSPENDED :

### 4.147 OrganisationTypeEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

TSO, DSO, LSO, EO and CB

ATTRIBUTES
◆ CB :
◆ DSO :
◆ EO :
◆ LSO :
◆ TSO :

### 4.148 RejectReasonEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

TNM - Transaction does not match  
 VNC - Volume is not correct  
 SINC - Sustainability Information is not correct  
 MW - Material is wrong  
 OTH - Other

ATTRIBUTES
◆ MW :
◆ OTH :
◆ SINC :
◆ TNM :
◆ VNC :

### 4.149 TransactionStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'

Extends string

ATTRIBUTES
◆ ACCEPTED :
◆ CANCELLED :
◆ FAILED :
◆ IN_TRANSIT :

ATTRIBUTES
◆ PENDING :
◆ PROVISIONAL :
◆ REJECTED :

## 4.150 TransportModeEnum

Enumeration in package 'UDBModel (v1.0.0)'  
 Extends String5

ATTRIBUTES
◆ Road :
◆ Ship :
◆ Train :

## 4.151 WithdrawalStatusEnum

Enumeration in package 'UDBModel (v1.0.0)'  
 Extends string

C (consumed) or W (withdrawn)

ATTRIBUTES
◆ C :
◆ W :

## 5 Common data types

### 5.1 UDB base types

#### 5.1.1 UDB base types v1.0

##### 5.1.1.1 Common enumerations diagram

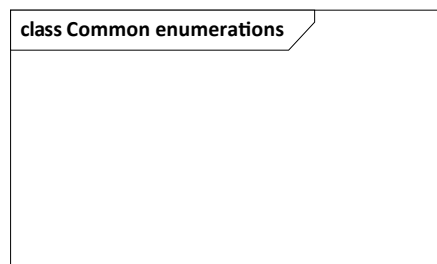


Figure 70: Common enumerations

##### 5.1.1.2 UDB base types diagram

Simple types and other reusable standard types (address, email address, attachment, http link...)



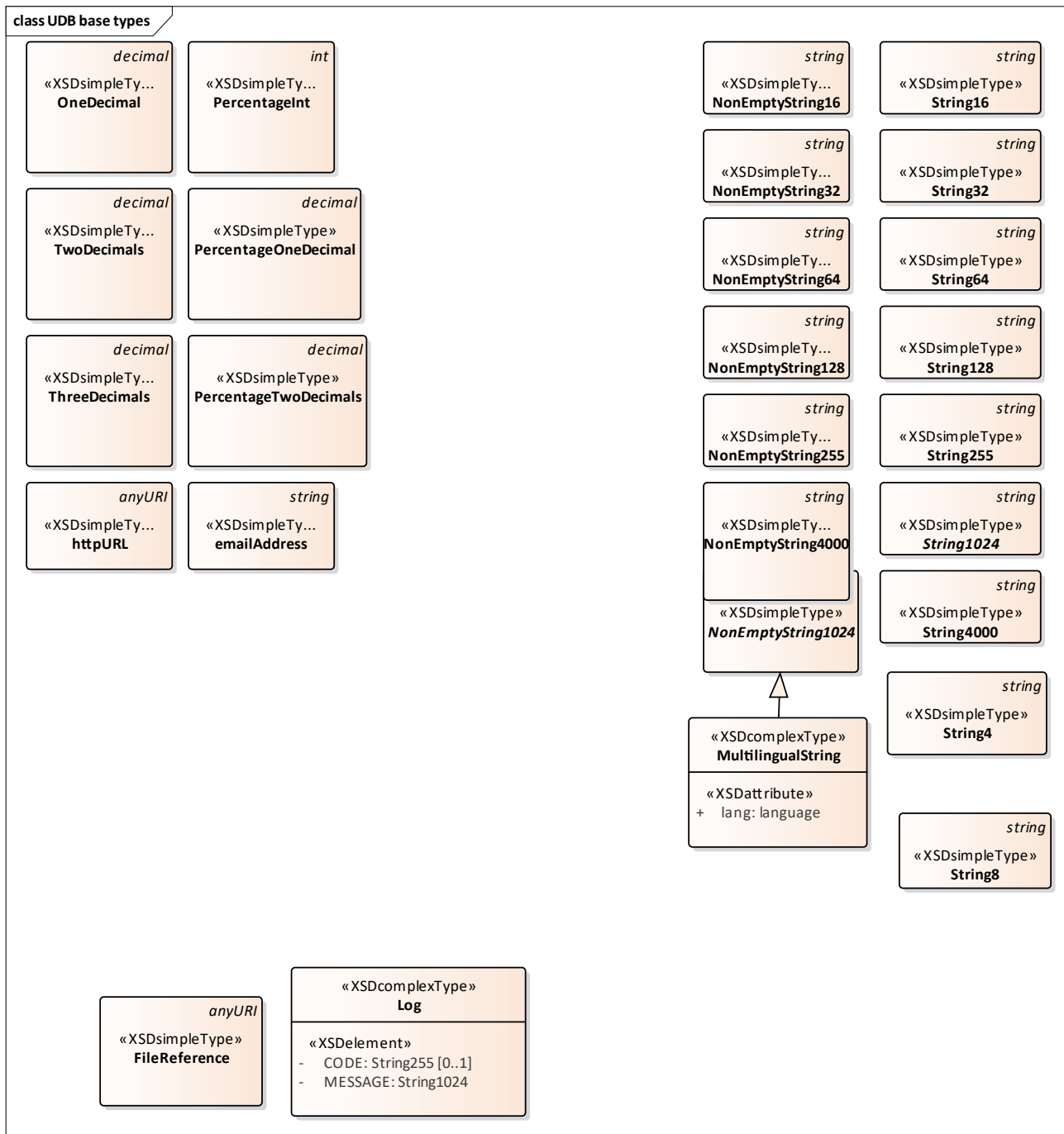


Figure 71: UDB base types

### 5.1.2 FileReference

Class «XSDsimpleType» in package 'UDB base types v1.0'  
 Extends anyURI

URI of a file attached to the payload.

### 5.1.3 LatitudeDT

Class «XSDsimpleType» in package 'UDB base types v1.0'  
 Extends decimal

Simple type only allowing 6 decimal and 8 digits from -90 to +90

### 5.1.4 Log

Class «XSDcomplexType» in package 'UDB base types v1.0'

Log entry.

ATTRIBUTES
<ul style="list-style-type: none"> <li>◆ CODE : String255                      Multiplicity: ( [0..1], Allow duplicates: 0)                      Stereotype is «XSDElement»                      Alphanumerical error code.</li> </ul>
<ul style="list-style-type: none"> <li>◆ MESSAGE : String1024                      Error message</li> </ul>

### 5.1.5 LongitudeDT

Class «XSDsimpleType» in package 'UDB base types v1.0'

Extends decimal

Simple type only allowing 6 decimal and 9 total digits from -180 to +180

### 5.1.6 MultilingualString

Class «XSDcomplexType» in package 'UDB base types v1.0'

Extends NonEmptyString1024

Text needed to be internationalized.

ATTRIBUTES
<ul style="list-style-type: none"> <li>◆ lang : language                      Language in which the text is expressed.</li> </ul> <p>If the language is not specified, the default value will be applied ('en').</p>

### 5.1.7 NonEmptyNumber19

Class «XSDsimpleType» in package 'UDB base types v1.0'

Extends int

Nineteen numbers only

### 5.1.8 NonEmptyString1

Class «XSDsimpleType» in package 'UDB base types v1.0'

Extends string

Non empty 1 character only

### 5.1.9 NonEmptyString10

Class «XSDsimpleType» in package 'UDB base types v1.0'

Extends string

Non empty 10 characters only

### 5.1.10 NonEmptyString100

Class «XSDsimpleType» in package 'UDB base types v1.0'

Extends string

Only allow 100 characters

### 5.1.11 NonEmptyString1024

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 1024 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.12 NonEmptyString12

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.13 NonEmptyString128

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 128 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.14 NonEmptyString16

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 16 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.15 NonEmptyString19

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Non Empty 19 character string

### 5.1.16 NonEmptyString2

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

### 5.1.17 NonEmptyString20

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Non empty 20 characters

### 5.1.18 NonEmptyString255

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 256 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.19 NonEmptyString3

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Simple type allowing only string inputs limited to 3 characters

### 5.1.20 NonEmptyString32

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 32 characters and containing at least 1 character (useful for mandatory string values).

### 5.1.21 NonEmptyString4000

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 4000 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.22 NonEmptyString5

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Non empty 5 characters

### 5.1.23 NonEmptyString50

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Non empty 50 characters

### 5.1.24 NonEmptyString64

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 64 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.25 NonEmptyString8

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.26 Number10and3Decimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing 3 decimal and 10 digits

### 5.1.27 Number13and6Decimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing 6 decimal and 13 digits

### 5.1.28 Number14and2Decimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing 2 decimal and 7 digits

### 5.1.29 Number19

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends int

Nineteen numbers only

### 5.1.30 Number19and3Decimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing 3 decimal and 19 digits

### 5.1.31 OneDecimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing decimal values with one decimal places.

### 5.1.32 PercentageInt

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends int

Simple type only allows full percentages (Integer from 0 to 100).

### 5.1.33 PercentageOneDecimal

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing decimal values with one decimal places from 0 to 100.

### 5.1.34 PercentageTwoDecimals

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing decimal values from 0 to 100.

### 5.1.35 PositiveInteger

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends positiveInteger

### 5.1.36 String10

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.37 String100

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.38 String1024

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 1024 characters and containing at least 1 characters (useful for

mandatory string values).

### 5.1.39 String12

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

String of length 12

### 5.1.40 String128

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 128 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.41 String16

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 16 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.42 String2

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.43 String20

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.44 String2000

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.45 String255

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 256 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.46 String3

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Allowed 3 alphanumeric characters

### 5.1.47 String30

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.48 String32

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 32 characters and containing at least 1 character (useful for mandatory string values).

### 5.1.49 String4

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Allowed 4 alphanumeric characters

### 5.1.50 String4000

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 4000 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.51 String5

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.52 String50

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.53 String64

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type allowing only string inputs limited to 64 characters and containing at least 1 characters (useful for mandatory string values).

### 5.1.54 String8

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

### 5.1.55 ThreeDecimals

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

Simple type only allowing decimal values with three decimal places.

### 5.1.56 TwoDecimals

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends decimal

---

Simple type only allowing decimal values with two decimal places.

### 5.1.57 emailAddress

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends string

Simple type for email addresses

### 5.1.58 httpURL

*Class «XSDsimpleType» in package 'UDB base types v1.0'*

Extends anyURI

Simple type for an URL