INSPIRE AND THE PATH TO FUTURE E-REPORTING – REPORTNET 3.0

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Goal: Streamlining environmental reporting

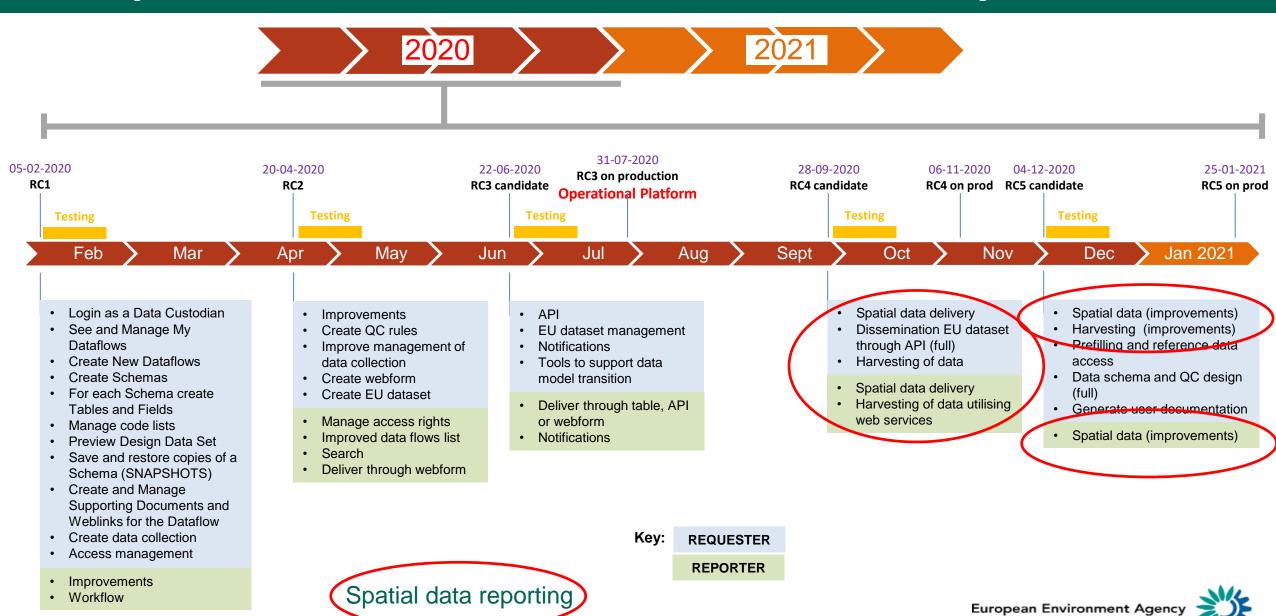|				
Improved user experience	User-friendly	Inline support	Collaborative	Better performance
Quanitifiable benefits	Less time and resources spent in reporting preparation		Improved data quality	
Better data management	Optimized data delivery	Enhanced quality control	Web services integrated	Dashboards & visualizations

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Reportnet 3: Milestones and functionality 2020

2020 2021

05-02-2020	20-04-2020	22-06-2020	31-07-2020	28-09-2020	06-11-2020	04-12-2020	25-01-2021
RC1	RC2	RC3 candidate	RC3 on production **Operational Platform**	RC4 candidate	RC4 on prod	RC5 candidate	RC5 on prod

Testing | Testing | Testing | Testing

Feb | Mar | Apr | May | Jun | Jul | Aug | Sept | Oct | Nov | Dec | Jan 2021

Feb (RC1):
- Login as a Data Custodian
- See and Manage My Dataflows
- Create New Dataflows
- Create Schemas
- For each Schema create Tables and Fields
- Manage code lists
- Preview Design Data Set
- Save and restore copies of a Schema (SNAPSHOTS)
- Create and Manage Supporting Documents and Weblinks for the Dataflow
- Create data collection
- Access management

- Improvements
- Workflow

Apr (RC2):
- Improvements
- Create QC rules
- Improve management of data collection
- Create webform
- Create EU dataset

- Manage access rights
- Improved data flows list
- Search
- Deliver through webform

Jun (RC3):
- API
- EU dataset management
- Notifications
- Tools to support data model transition

- Deliver through table, API or webform
- Notifications

Sept (RC4):
- Spatial data delivery
- Dissemination EU dataset through API (full)
- Harvesting of data

- Spatial data delivery
- Harvesting of data utilising web services

Dec (RC5):
- Spatial data (improvements)
- Harvesting (improvements)
- Prefilling and reference data access
- Data schema and QC design (full)
- Generate user documentation

- Spatial data (improvements)

Key:
- REQUESTER
- REPORTER

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1. <u>Requester</u> has capability to create data flow, design an alphanumeric dataset, (including the QC), create a data collection, assign to reporters;

2. <u>Reporter</u> has a complete reporting workflow – understand the reporting, import data (webform, dataset, API), quality control, deliver data to requester, receive confirmation receipt;

3. <u>Requester</u> can manage a data collection, and create an EU dataset;

4. <u>Requester and relevant 3rd parties</u> e.g. Commission, National Coordinators (NFPs) etc. have overviews of dataflow assignment and progress/status;

5. <u>Requester and reporter</u> have basic capability to move data into and out of the platform through a REST API (programmatically) and integrate with FME.

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Pilot dataflow transition to Reportnet 3.0

- Development of functionality and operational readiness of the platform is facilitated with pilot projects

- The purpose of the pilot is to be able to test if the platform can perform as designed in a reporting situation and bring the benefit expected of Reportnet 3.0

- A pilot can follow different scenarios decided by the dataflow thematic owners:

Deliver on 3.0	Reportnet 3.0 is the sole means of delivery, for example with a new dataflow – all reporters deliver on Reportnet 3.0
Deliver on 2.0 or 3.0	Reportnet 3.0 is a legitimate delivery instead of Reportnet 2.0 - volunteer reporters deliver on Reportnet 3.0, but Reportnet 2.0 dataflow is still available for those who prefer to report as they have done previously. Therefore deliveries could be split between the two platforms
Volunteer test on 3.0 - Deliver on 2.0	Reportnet 3.0 is available in parallel to Reportnet 2.0 – volunteer reporters make a test, but the official delivery is expected on Reportnet 2.0 platform

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Pilots overview

Instrument	Pilot data flow	Reporting frequency	Pilot target date	Pilot scenario ambition
Greenhouse gas Monitoring Mechanism Regulation (MMR)	Approximated Greenhouse gas inventories	Annual	31/07/2020	Volunteer test on 3.0 - Deliver on 2.0
Marine Strategy Framework Directive	MSFD monitoring programmes (Art. 11)	6-yearly	15/10/2020	Volunteer test on 3.0 - Deliver on 2.0
Bathing Water Directive	Bathing Water Directive - Monitoring and Classification of Bathing Waters	Annual	31/12/2020	Deliver on 2.0 or 3.0
EEA AWP	Nationally designated areas (CDDA)	Annual	15/03/2021	Deliver on 2.0 or 3.0
Greenhouse gas Monitoring Mechanism Regulation (MMR)	National policies and measures (climate change mitigation)	2-yearly	15/03/2021	Deliver on 3.0
Environmental Noise Directive	Report on all major roads, railways, airports and agglomerations (DF1 and DF5)	5-yearly [continuous reporting]	30/06/2021	Deliver on 3.0
Environmental Noise Directive	Strategic noise maps (DF 4 and DF 8)	5-yearly	31/12/2022	Deliver on 3.0
New Drinking Water Directive (consolidated)	Drinking Water Directive - Report on Quality of Water for Human Consumption	TBD	TBD	Deliver on 3.0

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