How to perform mass download operations

Available operations

Available download operations are:

Data type	Operation	Operation Description
Data	Download data (.tsv)	Download data for selected dataset(s) in TSV file format
	Download data (.csv)	Download data for selected dataset(s) in CSV file format
	Download data (sdmx 2.1)	Download data for selected dataset(s) in SDMX 2.1 file format
	Download data structure (sdmx 2.1)	Download data structure definition (DSD) for selected dataset(s) in SDMX 2.1 file format
	Download full list of items (.txt)	Download the **complete** list of datasets in text file format
	Download filtered list of items (.txt)	Download the list of **selected** datasets in text file format
Code lists	Download code list (sdmx 2.1)	Download selected code lists in SDMX 2.1 file format
	Download code list (.tsv)	Download selected code lists in TSV file format
	Download full list of items (.txt)	Download the **complete** list of code lists in text file format
	Download filtered list of items (.txt)	Download the list of **selected** code lists in text file format
Metadata (ESMS)	Download ESMS files (sdmx 2.1)	Download selected metadata in SDMX 2.1 file format
	Download ESMS files (html)	Download selected metadata in HTML file format
	Download full list of items (.txt)	Download the **complete** list of metadata in text file format
	Download filtered list of items (.txt)	Download the list of **selected** metadata in text file format

⊘   **Metadata** operations might not be available on some systems.

Get to Download operations page

For mass download actions, click on **DOWNLOADS** in the header row:
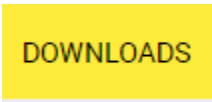
Download actions are a saving of time: it avoids performing repetitive download operations, for example.

User can check as many datasets as necessary:

Navigation features in the **Downloads** area

- When checked, the checkbox at the top left of the list (at the left of the **Code** column label) checks all the visible elements. When unchecked, all the visible elements are unchecked:

- Clicking on at the top af any column sorts the entire list on the values of this column. Clicking again on the same icon of the same column sets the opposite sorting order. By default, the list is sorted on an ascending order on the **Code** column.
- It is also possible to filter the list using the search box at the top right of the screen. Filtering always applies to **Code** column:

Type here to filter the list

For example:

	Code ▾		Last data change ⇕	Last structural change ⇕
Data	20 items selected / 43 items			NAMA
☐	ENPE_NAMA_10_A10	⧉	06/02/2023 23:00	06/02/2023 23:00
☐	ENPE_NAMA_10_GDP	⧉	06/02/2023 23:00	06/02/2023 23:00
☐	ENPE_NAMA_10_GDP_EA	⧉	06/02/2023 23:00	06/02/2023 23:00
☐	ENPE_NAMA_10_LP	⧉	06/02/2023 23:00	06/02/2023 23:00
☐	ENPE_NAMA_10_PE	⧉	06/02/2023 23:00	06/02/2023 23:00
☐	ENPE_NAMA_10_ULC	⧉	06/02/2023 23:00	06/02/2023 23:00
☐	ENPS_NAMA_10_A10	⧉	10/02/2022 23:00	10/02/2022 23:00
☐	ENPS_NAMA_10_GDP	⧉	10/02/2022 23:00	10/02/2022 23:00
☐	ENPS_NAMA_10_GDP_EA	⧉	10/02/2022 23:00	10/02/2022 23:00
☐	NAMA_10_A10	⧉	24/02/2023 11:00	20/02/2023 23:00

EC data browser (Latest commit 13737f258, built on 2023-04-17T13:39:07.425Z)

If a filter is applied, only the items matching the input text will appear. To restore the unfiltered view, it is necessary to delete any value present in the Filter input. The filter applies on column **Code**.
- The navigation pagination at the bottom screen allows the display of only a limited amount of items at a time. It is possible to navigate through each page using the bottom-placed page selector:

« ‹ 1 2 3 4 5 6 7 ... 354 355 › »

- It is also possible to change the current amount of simultaneously displayed items by selecting another value in the **Items per page** dropdown:

Items per page: 20 ▼
20
50
100

ⓘ Whatever may be the selected display options, Downloads Engine keeps in memory the items checked on the other pages when applying the desired operations.

Available operations and additional fields

Download actions on data collections

On **Data** items, the possible operations are:

Select operations

Data

☐ Download data (.tsv)

☐ Download data (.csv)

☐ Download data (sdmx 2.1)

Structure

☐ Download data structure (sdmx 2.1)

Others

☐ Download full list of items (.txt)

☐ Download filtered list of items (.txt)

- **Download data (.tsv)**: Download text file(s) (TSV format) with data related to the selected datasets.
- **Download data (.csv)**: Download text file(s) (CSV format) with data related to the selected datasets.
- **Download data (sdmx 2.1)**: Download xml file(s) (SDMX 2.1 format) with data related to the selected datasets.
- **Download data structure (sdmx 2.1)**: Download xml file(s) (SDMX 2.1 format) with the DSD (data structure definition) related to the selected datasets.
- **Download full list of items (.txt)**: Download the complete list of datasets (as stated in the table on the screen) in a GZip-compressed text file.
- **Download filtered list of items (.txt)**: Download the list of selected datasets in a GZip-compressed text file.

ⓘ For the **Download full list of items (.txt)** operation, the selection of datasets is not required/not applied as the full list of items is downloaded.

In the text file, the following data is available for each data collection (separated by a **tabulation** character):

- Code
- Type
- Source dataset
- Last data change
- Last structural change
- Data download URL (TSV file)
- Data download URL (SDMX file)
- Data structure download URL (SDMX file)

Download actions on Code lists

On **Code Lists** items, the existing operations are:

Select operations

Codelists

☐ Download code list (sdmx 2.1)

☐ Download code list (.tsv)

Others

☐ Download full list of items (.txt)

☐ Download filtered list of items (.txt)

- **Download code list (sdmx 2.1)**: Download selected code list(s) in XML file(s) (SDMX 2.1 format).
- **Download code list (.tsv)**: Download selected code list(s) in text file(s) (TSV format).
- **Download full list of items (.txt)**: Download the complete list of code lists (as stated in the table on the screen) in a GZip-compressed text file.
- **Download filtered list of items (.txt)**: Download the list of selected code lists in a GZip-compressed text file.

ⓘ

ⓘ For the **Download full list of items (.txt)** operation, the selection of code lists is not required/not applied as the full list of items is downloaded.

In this text file, following information is available for each code list (separated by a **tabulation** character):

- Code
- Type
- Source dataset
- Last code list change
- Last structural change in code list
- Code list download URL (TSV file)
- Code list download URL (SDMX file)

Moreover, the code lists are also available in the following languages:

Select languages

☑ English (en)

☐ Deutsch (de)

☐ Français (fr)

Download operations on Metadata (ESMS)

⊘ The **Metadata (ESMS)** option may not be available on some systems.

After selecting the **Metadata (ESMS)** option in the **Apply download operations on** field, the **Download** operations allows these operations to be executed on the selected items:

Select operations

Metadata

☐ Download metadata package (sdmx 2.0, html, annexes)

☐ Download metadata file (html)

Other

☐ Download full list of items (.txt)

☐ Download filtered list of items (.txt)

- **Download ESMS files (sdmx 2.1)**: Download selected metadata in XML file(s) (SDMX 2.1 format).
- **Download ESMS files (html)**: Download selected metadata in HTML files.
- **Download full list of items (.txt)**: Download the complete list of metadata (as stated in the table on the screen) in a GZip-compressed text file.
- **Download filtered list of items (.txt)**: Download the list of selected metadata in a GZip-compressed text file.

ⓘ For the **Download full list of items (.txt)** operation, the selection of metadata is not required/not applied as the full list of items is downloaded.

In this text file, following information is available for each metadata (separated by a **tabulation** character):

- Code
- Type
- Source dataset
- Last metadata change
- Last structural change in metadata
- Metadata download URL (SDMX file)

Download process

- After selecting the the desired operation(s), click on **Apply**
- After clicking, a confirmation popup appears:

CONFIRMATION

Items selected: 20 **Bulk operations:**
Download data (.tsv)
Download data (sdmx 2.1)

Cancel   Start

- Click **Cancel** to close the confirmation popup and cancel the actions.
- Click **Start** to launch the gathering process. An information is displayed while downloading is ongoing:

PROGRESS

Request 0fc9f7d5-d1e1-42ca-8225-7245349f405e
Status Download files

Progress 0%

Cancel

- When **Progress** indicator reaches 100%, data is ready and is provided within a ZIP file. The downloaded file can be found in the selected folder.

  Once the download is completed, the previously checked items are automatically unchecked.

Download error

In case some downloads fail, a _WARNING.txt file is also present in the archive. It contains one line per each failing download as well as the reason for the failure:

- **This data file is not included in the archive because the data is currently unavailable**: the request for download must be performed again later.
- **This data file is not included in the archive because its access is restricted and you do not have sufficient permissions**: a request to support must be sent for access permissions.
- **This data file is not included in the archive because the async request is too long**: the request for download must be performed again later.