

Formats converter

To exchange electronic documents both the counterparties and the repository use a single message format - [FpML](#). The Format Converter form is used to convert messages in a bulk-format (see [Bulk conversion of orders](#)) to the [FpML](#) format.

To convert a message you must:

1. select conversion mode from the dropdown list (Fig. 1).

The screenshot shows the 'Format converter' interface. At the top, there is a dropdown menu labeled 'Conversion mode' with three options: 'From CSV-bulk to FpML', 'From CSV-bulk to FpML' (which is highlighted with a blue background and a red oval border), and 'From FpML to CSV-bulk'. Below the dropdown is a section for 'Input files' with a 'Browse...' button and a 'Choose a file' link. There are also '+ Add file' and 'Select files' buttons. At the bottom is a green 'Convert' button.

Fig. 1 – select mode

If the field is filled in correctly, the input area is highlighted in blue, if incorrectly – in red (Fig. 2).



Fig. 2 – color indicator of the Party ID field

2. click **Browse**. This will open a file selection window;
3. select the necessary file (or several) and click **Open**. The selected file will be displayed in the main form. To change the file, click **Browse**.
4. click **Convert**.

During conversion the original and converted document are checked for format compliance and the correctness of data filled in. After the check the **Results** form will open.

Fig. 3 shows an example of a successful file conversion.

The screenshot shows the 'Format converter results' page. It displays a success message 'Conversion result: success'. Below this, there is a section for 'Output files' with a download link for 'output-bondForward_v7_CsvBulk_2015-09-11_1.xml'. There is also a 'View as a print form' and a 'Create draft' button. A 'Messages' section indicates 'No messages'. At the bottom is a blue 'Back to converter form' button.

Fig. 3 – successful result of file conversion

[View as a print form](#)

After successful conversion of a file you can the converted file can either be viewed in a print form by clicking on the

 [Create draft](#)

button, or can be transformed into a draft by clicking on the

In case of errors, the file will not be converted and the form will display an informational message (Fig. 4), containing the following data:

The screenshot shows the 'Format converter' results page. On the left is a sidebar with various sections like 'Registration', 'Reports', 'Master agreements', etc., each with a count of items. The main area has a title 'Format converter results'. Below it, a red box highlights an error message: 'Conversion result: failure'. Under 'Output files', it says 'No output files'. In the 'Messages' section, there's a table with columns 'Type', 'Category', and 'Text'. One row in the table is highlighted with a red box, showing 'Error' under Type, 'Критический' (Critical) under Category, and a detailed text message about XML parsing errors under Text. At the bottom of the page is a blue button labeled 'Back to converter form'.

Fig. 4 – error converting files

- message type (error/warning) – indicates whether the message contains information about errors or omissions worth paying attention to;
- category – shows on what stage of validation the error occurred: the original document checkup stage (pre-validation), file checkup during conversion (in the course) or the checkup of the converted document (post-validation);
- text – summary of error.

 [Download](#)

The converted file can be downloaded to your computer by clicking on the button

 [Back to converter form](#)

, to return to the **Message** conversion form, click