

Prism - 1.2.5

Technical Documentation

About

Prism is a tool that provides analysis, comparison and review assistance capabilities for annual financial reports prepared according in an electronic format according to the specifications of the European Union.

Key features

- Generates an Excel file that includes several sheets that display various aspects of the data contained in the analysed reports.
- Checks the technical validity of reports using a certified validation engine.
- Generates an HTML viewer file to allow an interactive inspection of the report.
- Compares versions of the report, with HTML and Excel outputs where the differences between reports are highlighted.

Technical prerequisites

Technical prerequisites, user station

Operating system: Windows 10 version 1809 or later, Windows 11

Available disk space: 4 Go

Minimum available RAM : 1.4 Go

Recommanded available RAM: 2.4 Go

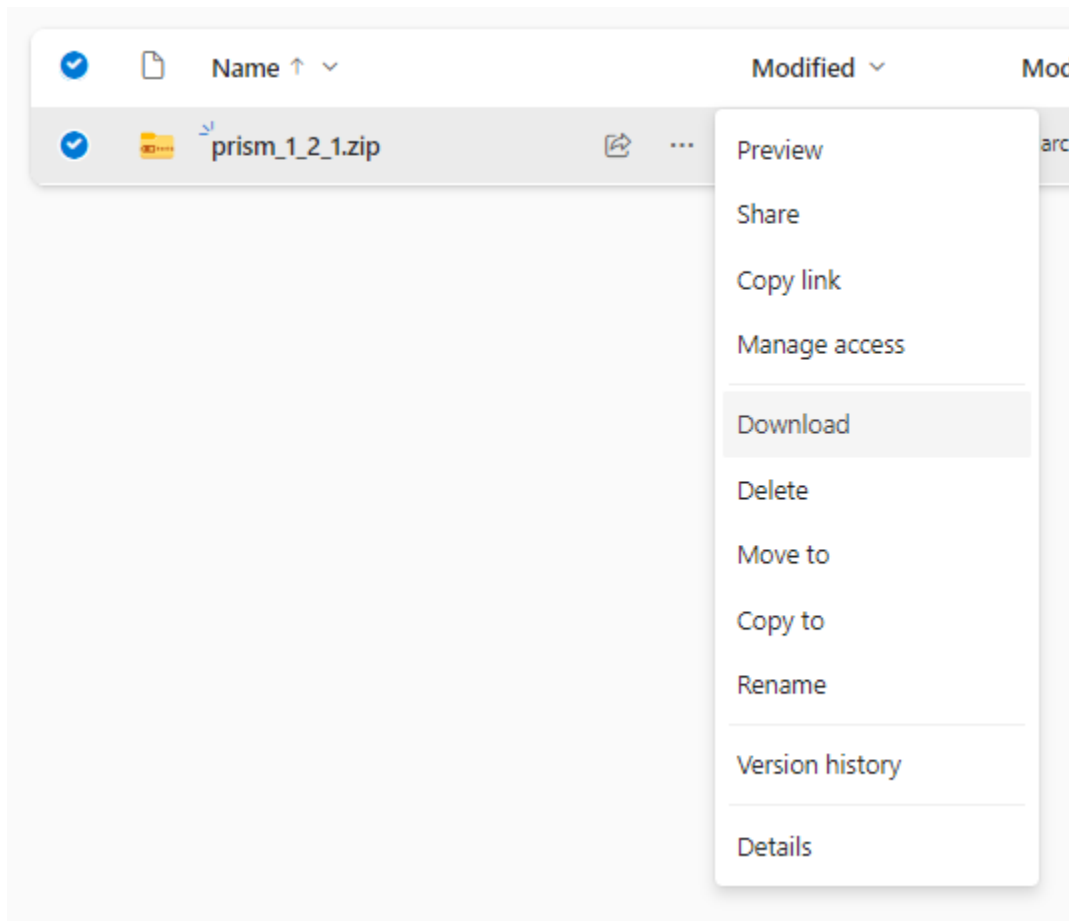
Prerequisite software: none

Minimum resolution: 1280 × 800

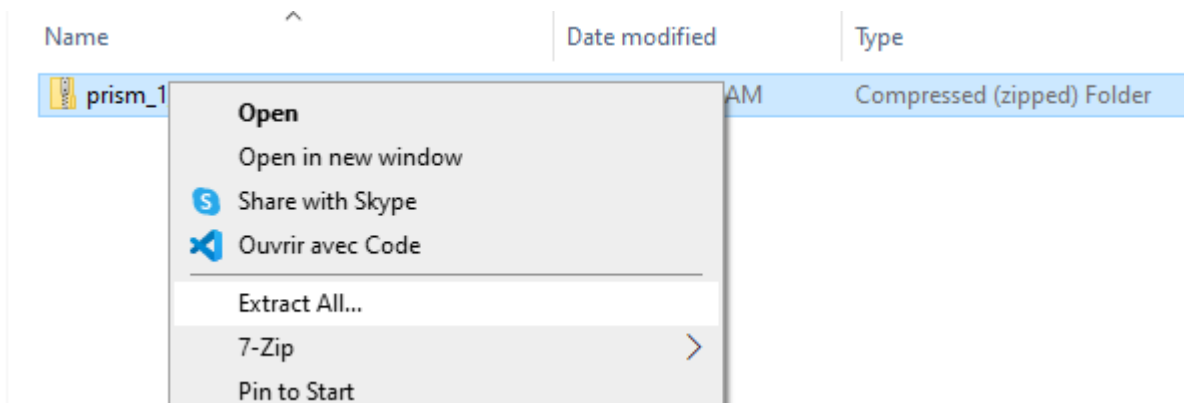
Internet connexion: none required

Install

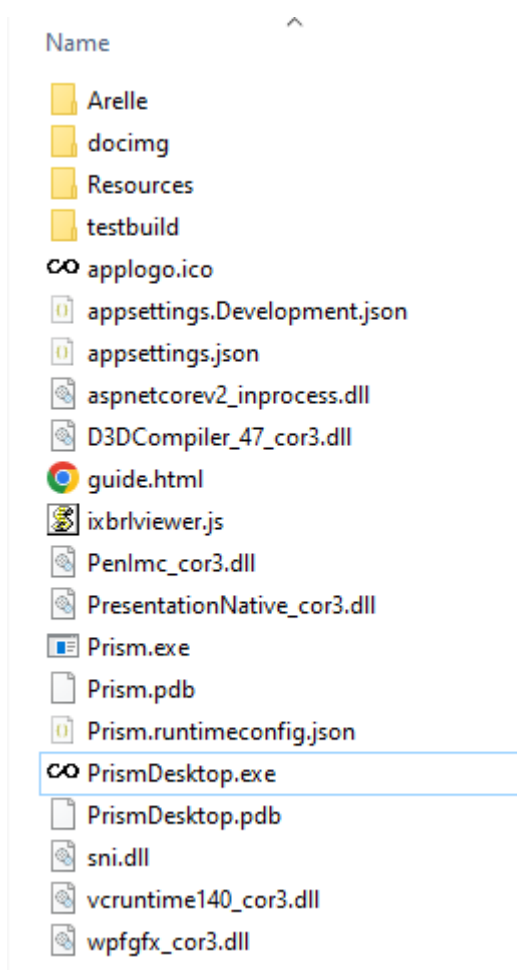
Click on the link sent when the version is made available. In the window that opens, click the '...' on the `prism_1_2_5.zip` line, then click 'Download' to begin downloading the **prism_1_2_5.zip** file.



Once the download is complete, Extraire tout le contenu de l'archive **prism_1_2_1.zip** dans le dossier de votre choix.



L'application peut alors directement être lancée en exécutant le fichier **PrismDesktop.exe**



Configuration

The application allows the user to select files in the ESEF format for analysis. It outputs several files and opens saving prompts so that the users chooses the name and location for each saved output file.

By default, the application suggests the location where the submitted report was selected.

It is possible to instead choose a default folder where the file saving prompt window will open. To do this, create or open a **config.yml** file in the application folder, and create or replace the **exportPath** parameter in the file, with its value being the path where the user wishes the prompt window to open by default.

```
1 exportPath: C:\Users\houll\Downloads
```

Using the application

The screenshot shows the PRISM by corporatings application interface. At the top, the title "PRISM by corporatings" is displayed in a large, bold, black font, followed by the subtitle "Quality analysis of ESEF Taxonomy packages" and the version "v1.2.1". Below the title, there are two file selection buttons: "Select a file for analysis ..." and "(Optional) Select a file for comparison ...". Each button is accompanied by a text box showing "(No file selected)". Below these buttons is a large green button with a white play icon and the text "Start the analysis". At the bottom, there is a small text block providing instructions on how to use the Workiva viewers, mentioning the 'ixbrviewer.js' file and a link to download it. Below this text is a checkbox labeled "Benchmark with financial sector only".

PRISM by corporatings
Quality analysis of ESEF Taxonomy packages
v1.2.1

Select a file for analysis ... (No file selected)

(Optional) Select a file for comparison ... (No file selected)

▶ Start the analysis

To use the Workiva viewers, the 'ixbrviewer.js' file must be placed in the same folder as the viewer file. You may use the same 'ixbrviewer.js' file for all viewers in the folder. The file can be downloaded by clicking [here](#)

☐ Benchmark with financial sector only

To initiate the analysis of an ESEF report, click '**Select a file for analysis ...**' button and select the corresponding ZIP file. The file must conform to the regulatory format for the analysis to be performed (it must either be a 'Report Package' or a 'Taxonomy Package with a report').

PRISM by corporatings

Quality analysis of ESEF Taxonomy packages

v1.2.1

Select a file for analysis ...	C:\Users\houll\Downloads\FC856436959_20220318.zip
(Optional) Select a file for comparison ...	(No file selected)

▶ Start the analysis

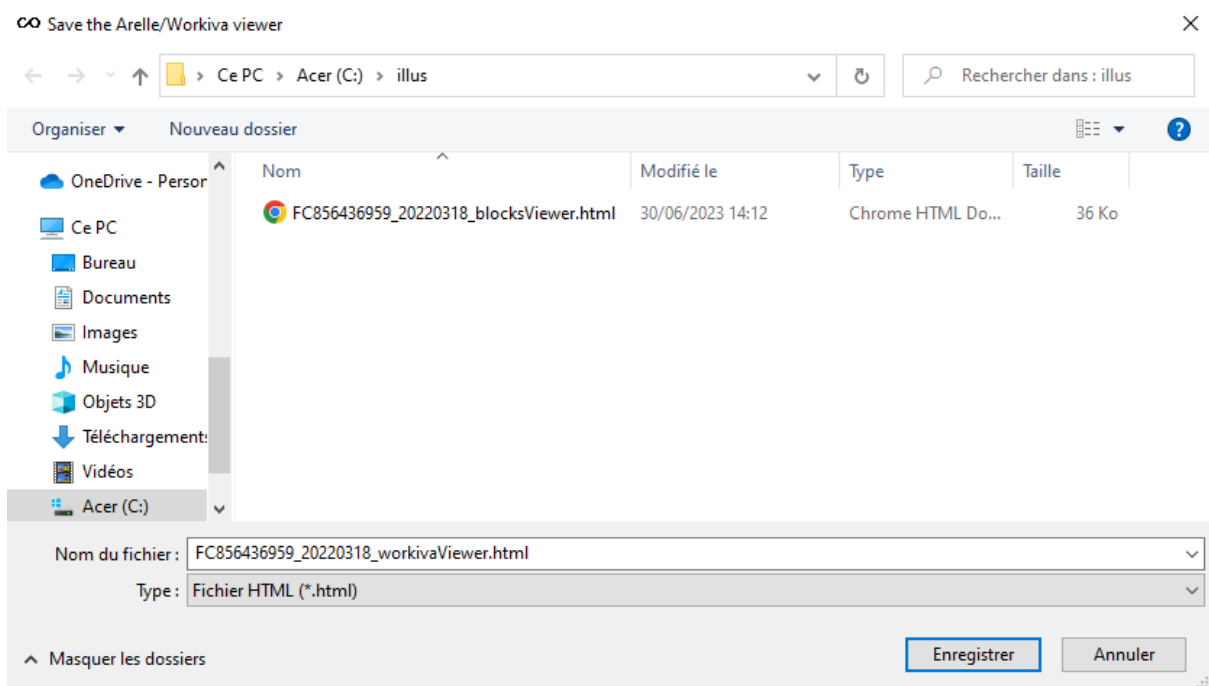
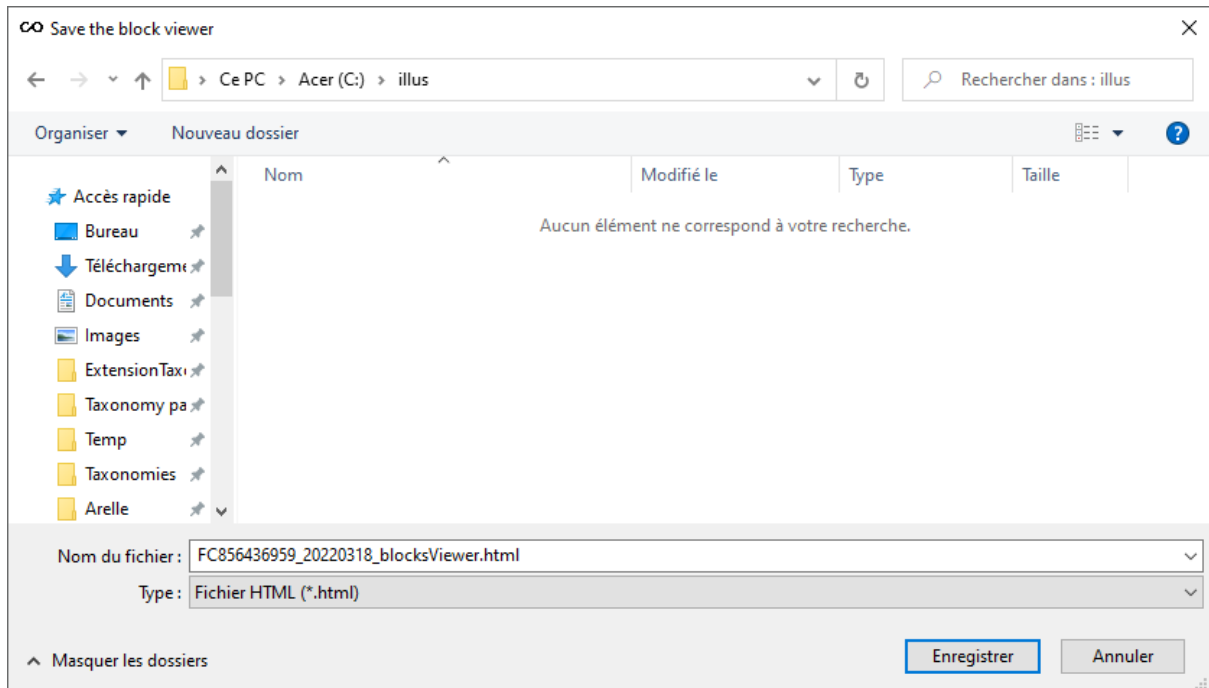
To use the Workiva viewers, the 'ixbrviewer.js' file must be placed in the same folder as the viewer file. You may use the same 'ixbrviewer.js' file for all viewers in the folder. The file can be downloaded by clicking [here](#)

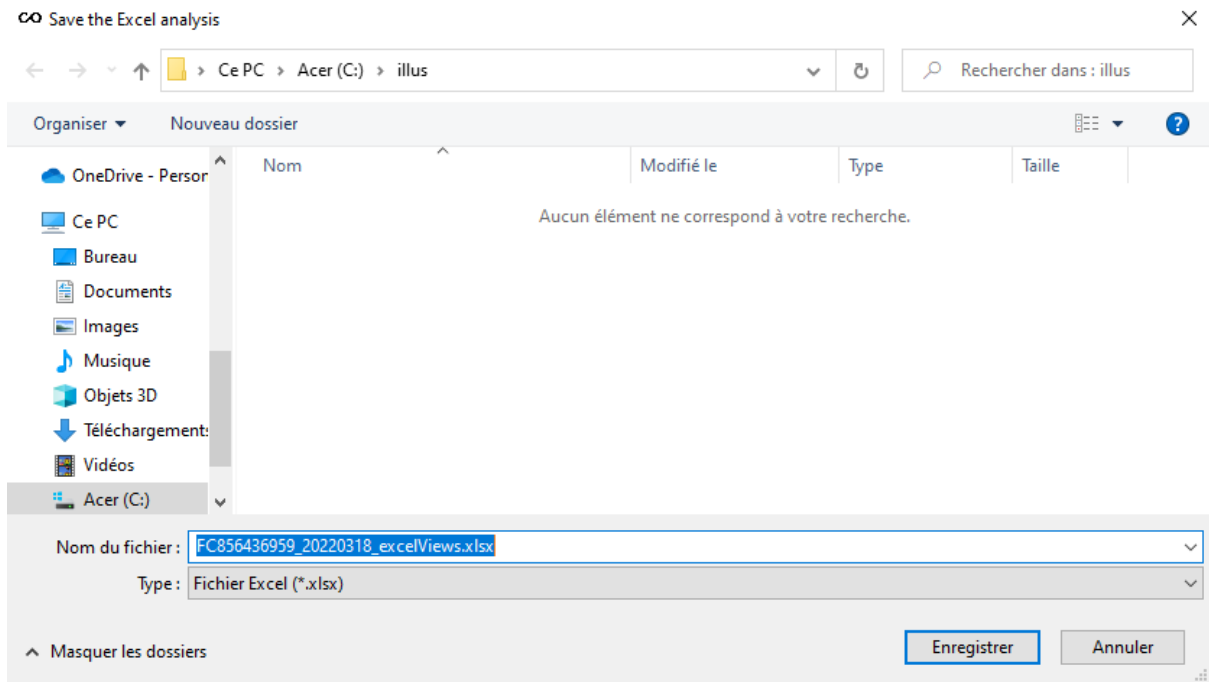
☐ Benchmark with financial sector only

- If the analysed file is that of a financial institution, you may check the **'Benchmark with financial sector only'** checkbox for the benchmark analysis in the Excel output to be performed against a restricted set of companies.
- If additionally, you wish to compare the data within the analysed report with the data within another report, the **'Select a file for comparison'** prompts you to select another ESEF report (with the same constraint as for the analysed file).

The analysis is then initiated by pushing the « **Start the analysis** » button.

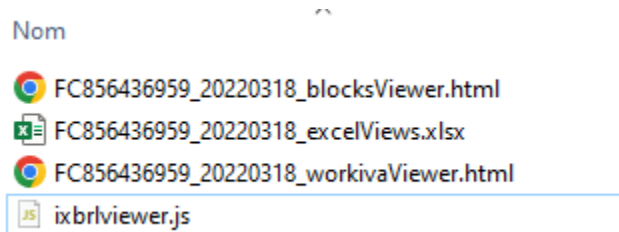
The application then processes the submitted file and outputs three files in a row, opening a save file prompt window for each of them. **During the process that may take up to two minutes, we recommend keeping the application at the foreground.**



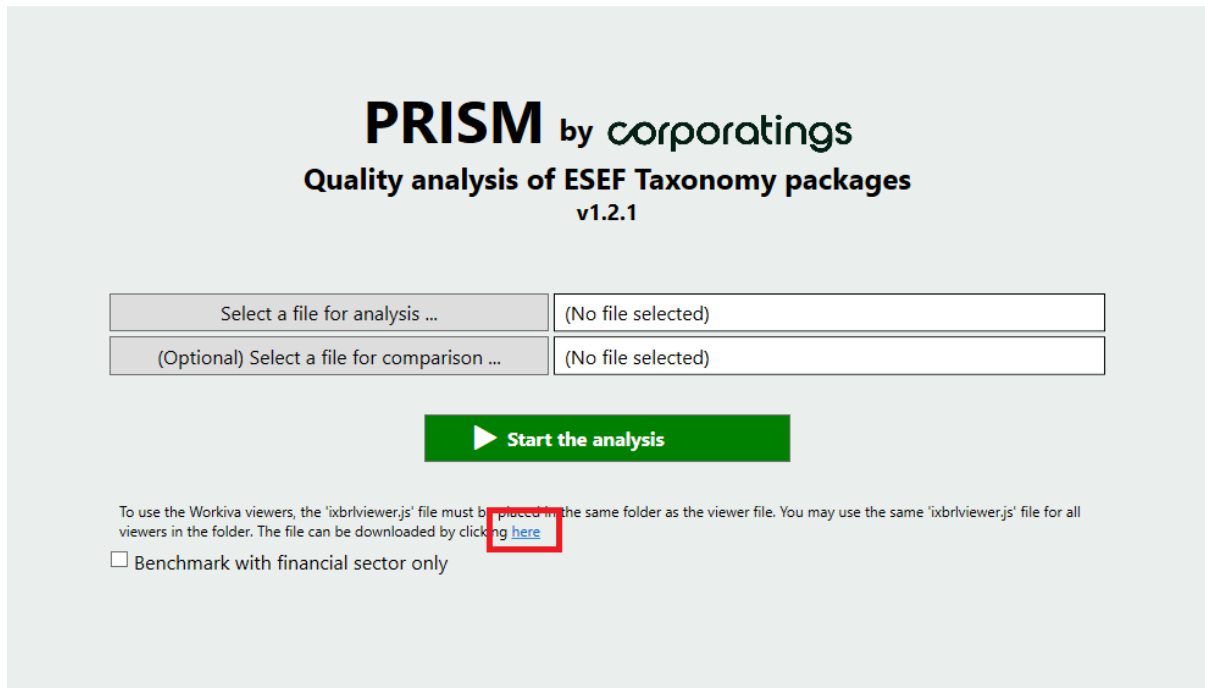


You may then open and consult the extracted files.

- The `_blocksViewer.html` file renders the non-numerical data as declared in the report.
 - In the left column, data is shown with the formatting option chosen in the report.
 - In the right column, data is shown with the alternative formatting option.
- The `_workivaViewer.html` file allows the user to consult and interact with the report and the data declared within.
 - To access the interactive menus, the **`ixbrlviewer.js`** file must be present in the same folder as the `_workivaViewer.html` file.



This file can be retrieved by clicking the link available on the application interface.



The image shows the PRISM by corporatings application interface. At the top, the title "PRISM by corporatings" is displayed in a large, bold, black font, followed by "Quality analysis of ESEF Taxonomy packages" and "v1.2.1" in a smaller font. Below the title, there are two file selection boxes. The first box is labeled "Select a file for analysis ..." and the second box is labeled "(Optional) Select a file for comparison ...". Both boxes show "(No file selected)". Below these boxes is a green button with a white play icon and the text "Start the analysis". At the bottom, there is a paragraph of text: "To use the Workiva viewers, the 'ixbrviewerjs' file must be placed in the same folder as the viewer file. You may use the same 'ixbrviewerjs' file for all viewers in the folder. The file can be downloaded by clicking [here](#)". The word "here" is underlined and highlighted with a red box. Below this paragraph is a checkbox labeled "Benchmark with financial sector only".

- The _excelViews.xlsx file presents a diverse range of analyses of the data included in the electronic report.

Third-party tools and libraries

The application makes use of the following third-party open source tool:

- **Arelle** version 2.5.12 : Validation tool for XBRL specifications, Apache 2.0 licence(<https://github.com/Arelle/Arelle/blob/master/License.txt>)