Switzerland's Feedback on the ETF Reporting Tool (test version June 2023)

ETF | GHG Inventory

Navigation Tree / Data Entry Grids

- It is not possible to import or enter negative values. Negative values are required e.g., for reporting "fuel tourism and statistical difference" in Switzerland's NID 2023 (chapter 3.2.9.2.2)
- Method / Emission factor information: the function "Apply to subsequent years" is only working once, for further corrections it is not working
- An option to delete a full time series is missing

Country specific Nodes

- Deleting nodes creates a file «import_log.txt» which is somewhat confusing (it is no import)
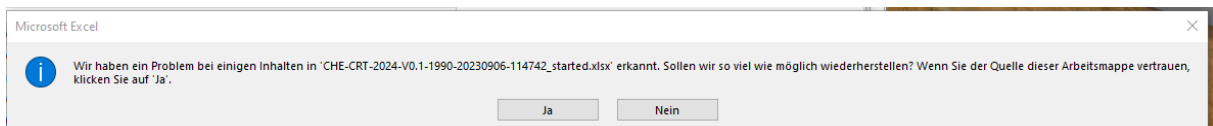
Excel Export / Import

- Log files are somewhat unclear during import
  - troubleshooting seems difficult, as it is not possible to understand which cell the error message refers to
  - Entries no longer sorted by spreadsheet, but by year
  - Log entries only for changed values
  - All error messages collected at the end of the log file
  - Unclear error message: "Reason is it's a calculated variable".
  - In the case of incorrect values, the entry is not changed, but only an entry is made in the log file. At first glance, everything looks OK (but is not OK).
  - The message "Complete Succesfully" also appears in the log file in the case of error messages.
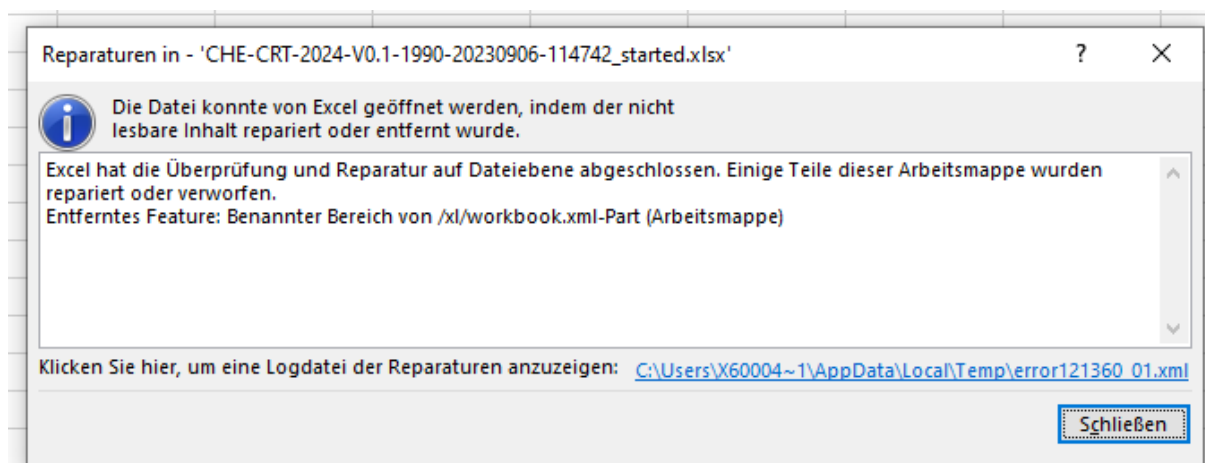 - Parallel import of several Excel files not possible, but would be useful

JSON Export / Import

- JSON file handling seems rather confusing; one would have to know and use the "variable_uid"
- JSON export only works via Option/Export all data entry grid as JSON; export for a specific sector/subsector does not work (only Excel to choose from)
- A transparent documentation is desired (a manual)

Export Reporting Tables

- Excel can be exported but the following error messages appear when opening it:

Reparaturen in - 'CHE-CRT-2024-V0.1-1990-20230906-114742_started.xlsx'   ?   ×

Die Datei konnte von Excel geöffnet werden, indem der nicht lesbare Inhalt repariert oder entfernt wurde.

Excel hat die Überprüfung und Reparatur auf Dateiebene abgeschlossen. Einige Teile dieser Arbeitsmappe wurden repariert oder verworfen.
Entferntes Feature: Benannter Bereich von /xl/workbook.xml-Part (Arbeitsmappe)

Klicken Sie hier, um eine Logdatei der Reparaturen anzuzeigen: C:\Users\X60004~1\AppData\Local\Temp\error121360_01.xml

Schließen

- After klicking, the Excel file opens, but it remains rather unclear if it is complete.
- It is not clear to us if the error is due to our system settings, or due to a general issue of the CRT tables?
- Links on the sheet "index" are not working

Previous problems / errors in the CRF Reporter

- Below we show a table from Switzerland's NID 2023 showing known bugs in the existing CRF reporter that hopefully will be fixed with the new tool.

Table A – 1 Identified issues or errors in the output of some reporting tables (CRF).

Reporting table CRF	Problem	Solution
Table1A(d)	The column "Reported under..." should include the NFR code in the Text.	Actually, there is no possibility to change it, because a drop-down-menu determines the text.
Table2(I)s1-s2	In all empty cells should be written „NO", but the effort would be very big to generate in the navigation tree of the CRF web application for every cell a new node and then to adapt all the import files to these changes.	Because the effort would be quite big, and there is no real benefit, we passed on it.
Table2(II)	In all empty cells should be written „NO", but the effort would be very big to generate in the navigation tree of the CRF web application for every cell a new nod and then to adapt all the import files to these changes.	Because the effort would be quite big, and there is no real benefit, we indicate in the documentation box: „2.B.9, 2.C, 2.E, 2.F.1-2.F6, 2.G: "NO" for all empty cells".
Table2(II)B-Hs1	In Line 50 of the reporting table the emissions are indicated as kt CO_2 eq instead of t.	Problem in the CRF web application.
Table3.B(a)s2	NFR codes 3B4g and 3B4hi: cells I55 and L103 are still empty despite of correctly imported values.	Problem in the CRF web application.
Table3.B(b)	The IEF for "indirect emissions from atmospheric deposition" (cell R37): Wrong molecular weight. The IEF is displayed in kg N_2O per kg N handled instead of kg N_2O-N per kg N handled.	Problem in the CRF web application.

Table3s1; Table3.As1; Table3.As2; Table3.B(a)s1; Table3.B(a)s2; Table3.B(b)	All cells for "Cattle, Option A" should be filled with "IE" but this Option A cannot be selected together with Option B.	Problem in the CRF web application. Solved with comment in documentation boxes of tables Table3.As1, Table3.B(a)s1, Table3.B(b)
Table4	N_2O from 4(IV) (indirect emissions) are included in the total sum in Table 4 without being displayed in any subcategory in Table 4. The sum is correct (with indirect emissions).	Inaccuracy in the CRF web application. The total in the table is not equal to the sum of the subcategories shown in the table.
Table4	There are several empty cells in the CH_4 and N_2O columns, where numbers and/or notation keys are not inserted.	Problem in the CRF web application.
Table4(V)	"Values" and "IEF" in lines 8 to 10 are missing.	Problem in the CRF web application.
Table5 Table5.C	The entry "5.C.1.1.b.iii Sewage Sludge:" in the last line of the documentation box is redundant.	Problem in the CRF web application.
Summary3s1 Summary3s2	Empty cells in "Method applied" and "Emission factor" for several sectors and gases: There should be indicated "NO" instead of empty cells.	Inaccuracy in the CRF web application. „NO" is not imported and there is no possibility to change it, because „NO" or „NA" are not in the drop-down menu.
Summary3s1 Summary3s2	Some method and emission factor information are not imported into the web application.	Problem in the CRF web application.
Table8s4	PFC emissions from 2G2 are also displayed under 2G4.	Problem in the CRF web application.
Table8s4	For HFCs and PFCs values for previous submission are calculated with GWP from AR4. (From a helpdesk e-mail (ANAIS-4180): "The current behaviour for the previous submission data in the recalculation tables is that single gases – CH_4, N_2O, SF_6 and NF_3 – will appear with AR5 GWPs while, while gas groups – HFCs and PFCs – will appear with AR4 GWPs.")	Known behaviour of the CRF web application. Occurrence only in this submission.
Table9	For some entries "no gas" is documented for the first column "GHG" with no additional information.	Problem in the CRF web application.
Table9	For "allocation used by Party" 4.D an additional ' has to be added in front of 4.D in the web app. Else in the reporting tables is written 4.00 instead of 4.D	Problem in the CRF web application.
Table10s1	For CO_2 eq in sector 4 LULUCF, the total is not equal to the sum of the displayed CO_2 eq emissions in the categories 4A+4B+4C+4D+4E+4F (rows 40 to 47) but includes also indirect N_2O from 4(IV) in CO_2 eq. The sum is correct (with indirect emissions).	Inaccuracy in the CRF web application.

Table10s2	Empty cell for CO_2 captured in the year 2005.	Problem in the CRF web application.
Table10s4	For N_2O in sector 4 LULUCF, the total is not equal to the sum of the displayed N_2O emissions in the categories 4A+4B+4C+4D+4E+4F (rows 39 to 46) but includes also indirect N_2O from 4(IV). The sum is correct (with indirect emissions).	Inaccuracy in the CRF web application.
All	Documentation box entries are not consistent. Sometimes all entries are in a single cell, sometimes there are several lines with entries, some of them empty.	Inaccuracy in the CRF web application.

EFT | Progress

Starting page

- The button connected to "Select an existing version" does not work, one needs to click on "CTF version" in the top bar to proceed with an existing version.

4.5. Key underlying assumptions and parameter

- When adding a custom name for "Key underlying assumptions and parameters", it is not possible to directly include blanks (e.g. "My custom name"), this only becomes possible when editing a custom entry ("Mycustomname" ➔ "My custom name"). PS: When adding a custom name for units, the issue does not occur.

JSON Export / Import

- The naming in the *.json file makes it very challenging to use this format. A structured use of names would be appreciated and would allow to use this format (automation of the export from the own database).
- *.json files can only be imported for the full dataset on the page "CTF versions", not for single templates.

2. Mitigation policies and measures

- There is no option to change the order of created children. A possibility to change the order of children in the tool and in the output would be very helpful.
- Text is not always fully visible: