# Update 21 Dec 2018

In Oct-Nov 2018 ENTSO-E has received information that there are inconsistencies in the RDFS files related to CGMES 2.4.15 (TS 61970-600-1&2).

The issues reported were:

* In DL profile: the statement <rdfs:label xml:lang="en">DiagramStyle</rdfs:label> was repeated twice
* In DY profile
  + issue related to rdfs:label as in DL profile
  + class EnergyConsumer missing stereotype “Abstract”
* In EQ BD profile
  + issue related to rdfs:label as in DL profile
  + class EnergySchedulingType missing stereotype “Entsoe”
* In EQ profile
  + missing xmlns:entsoe=http://entsoe.eu/CIM/SchemaExtension/3/1# on the top. This causes other inconsistencies in the RDF export.
  + issue with rdfs:label
* In SV, GL, TP, TP BD profiles issue with rdfs:label

Those issues were analysed and the conclusion a bug in the CIMSyntaxGen related to the double label in the RDFS was found and fixed. Other issues were caused by either UML bug or export settings bug or the fact that older versions of CIMSyntaxGen were used (when exporting between 2014-2016)

The RDF files included in the zip were generated with a fixed version of CIMSyntaxGen and using the CGMES 2.4.15 UML from Aug 2014.

In order to resolve all issues, two small UML fixes (which were obvious profile mistakes) in the UML of CGMES 2.4.15 have been done:

* in the EQ\_BD the association between EnergySource and EnergySchedulingType didn’t have stereotype Entsoe
* in the EQ the association between EnergySource and EnergySchedulingType didn’t have stereotype Entsoe

The reason of why this happened is that in CIM 16 UML for CGMES 2.4.15 we have the EnergySchedulingType defined in the Extension package and the association between EnergySchedulingType and EnergySource defined in the InfEnergySource which is in the inf of the canonical model. In the UML, there is a note from 2013 that this will go to ENTSO-E extension package, but this obviously didn’t happen. The association that is in inf package was not stereotyped so the stereotype was not transferred to the relevant profiles. Also the association could not be seen in the Extension package, and this is probably the reason to not detect the problem earlier. However in the in the draft profiles for IOP2016 all has the good stereotypes and the problem in profiles was fixed.

This all was a reason to open an issue with WG13 on the topic and the issue was fixed in CIM17 for the CGMES Consolidated release.

The impact is almost zero as EnergySource and EnergySchedulingType are exchanged as Entsoe in all datasets and conformity test files.

# Update 9 May 2019

In April 2019 ENTSO-E has received information that there are associations missing in the RDFS files related to Equipment profile of CGMES 2.4.15 (TS 61970-600-1&2).

Further analyses confirmed that there is an export problem of the 2 out of 4 RDFS files related to EQ. The affected files are:

* EquipmentProfileCoreOperationRDFSAugmented-v2\_4\_15-21Dec2018.rdf
* EquipmentProfileCoreShortCircuitRDFSAugmented-v2\_4\_15-21Dec2018.rdf

The export problem was fixed and all RDFS files exported with a date 9 May 2019. As the changes are only in the above mentioned files, all other RDFS are identical compared to the version from 21 Dec 2019.