Minutes ETC meeting, August 25th, 2021

Date: Wednesday August 25th, 2021
Time: 13:00 – 15:00
Place: GoToMeeting

Present: Jan (NL), EDSN (second part)
              Jan (SE), Svenska kraftnät
              Kees, TenneT
              Ove, Edisys

Attachment:

1. Appendixes for ETC minutes (docx)
2. ETC workplan (see ebIX® file manager at https://filemanager.ebix.org/#)

1   Approval of agenda

The agenda was approved with the following additions:

- Usage of Consumption- and/or Production Responsible Party, see item 7.6

2   Approval of minutes from previous meeting

The minutes from previous meeting were approved with the following corrections:

- Addition of participant list (Jan (NL), Jan (SE), Kees and Ove).

3   Resolve ebIX®/IEC issues

3.1   Short report from ETC meeting dedicated to ESDMP modelling July 8th

Participants, Jan (NL), Jan (SE), Kees and Ove.

At this meeting we started on the creation of a new ESDMP:
- We start with a copy of the ESMP ACC package.
- We remove all «IsBasedOn» dependencies between ACCs and ABIEs from the copied package.
- We use the Keyword field in the class property to note a status:
    - ESMP (untouched)
    - «IsBasedOn» ESMP (the class is enhanced or restricted compared with ESMP)

It was noted that the goal is having a common ACC package that both ENTSO-E and ebIX® are using, i.e. ebIX® should not maintain a ESDMP package based on the ESMP for all future.

Jan (NL) had as action item cleaned up the new ESDMP package, including removal of all «IsBasedOn» dependencies between ACCs and ABIEs.
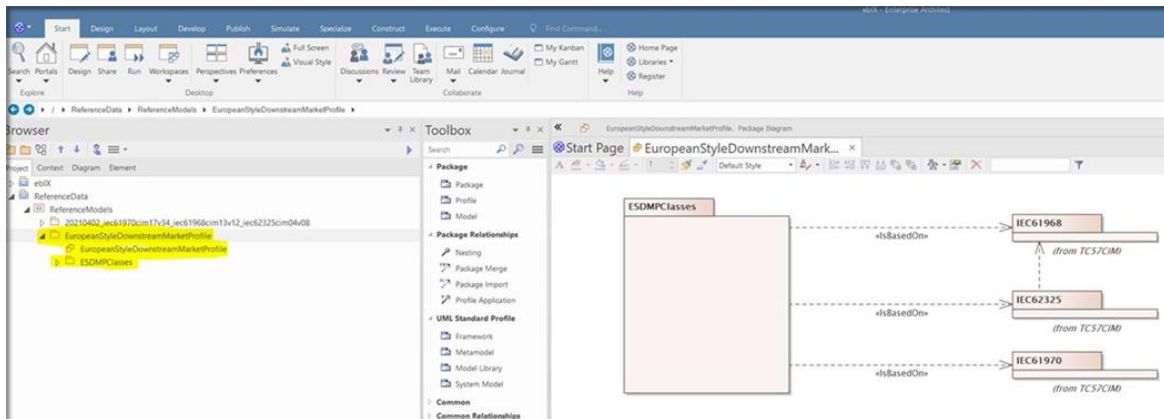
Item closed.

3.2   Making a European Style Downstream Market Profile (ESDMP)

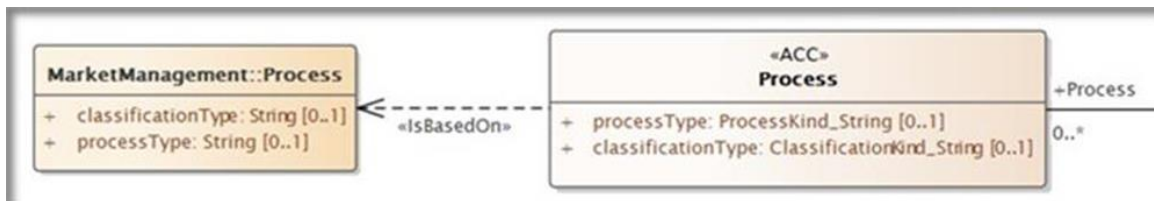### 3.2.1   Two profiles (ESMP and ESDMP) and common ACCs

Continue discussion from earlier meeting.

From Jan (NL):

As agreed in the ETC meeting the ENTSO ACC are copied into a ESDMP package:
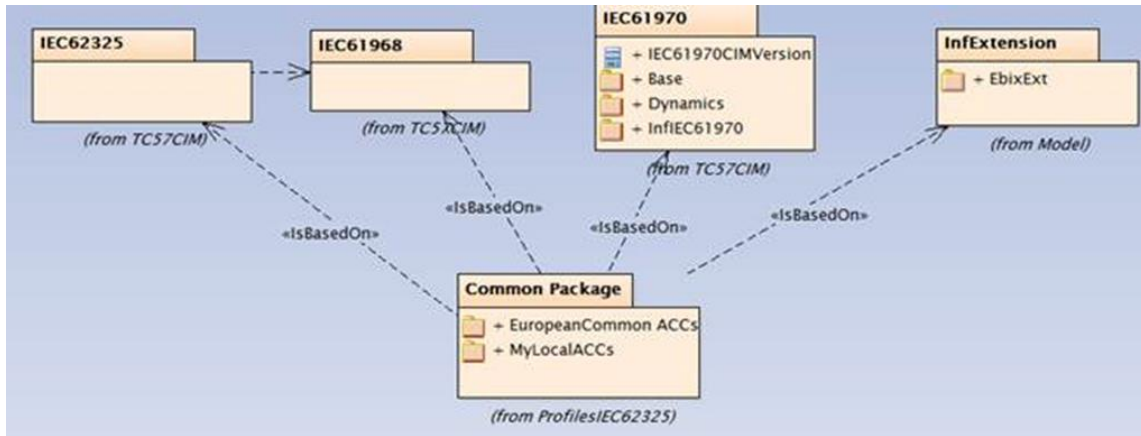

These EDSMP ACC's do still have a "based on" dependency with the class in the IEC CIM reference model:

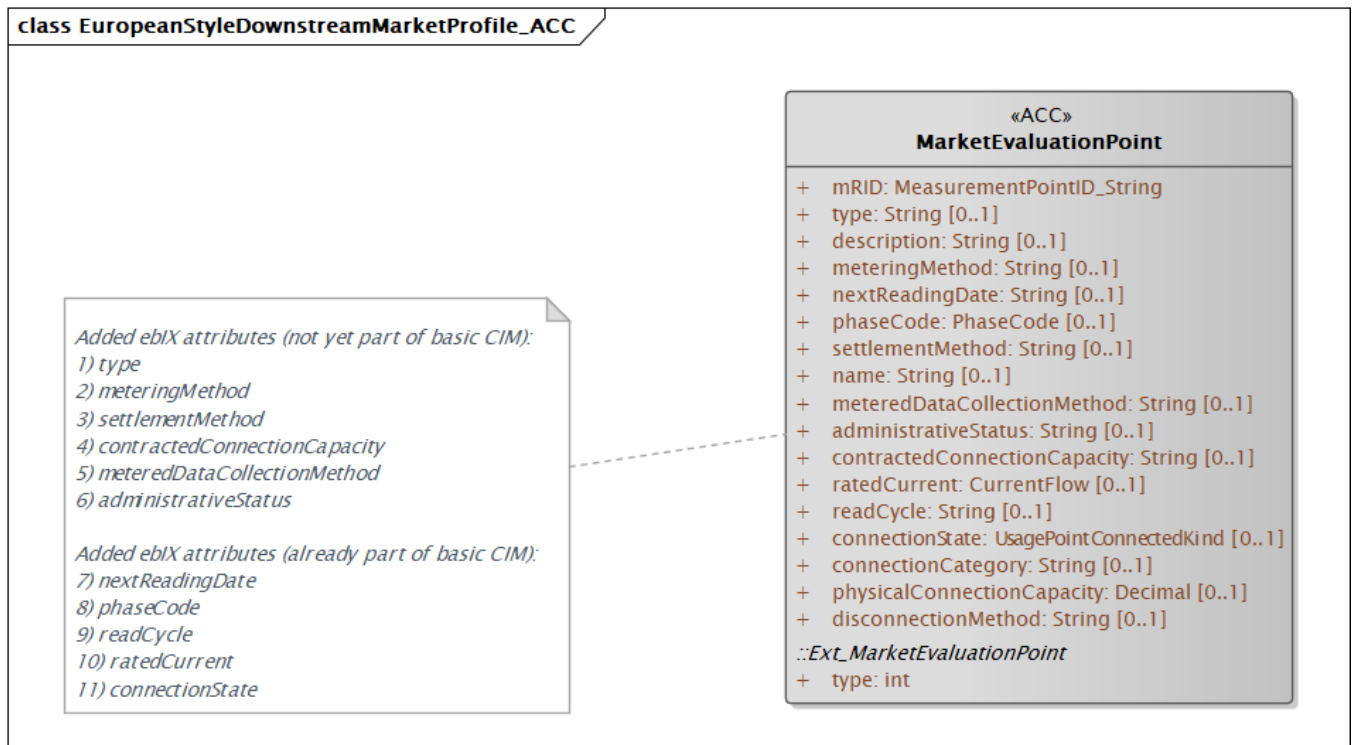For now, we will add a "based on" dependency between the current Dutch ABIE's and these ESDMP ACC's. In the next ETC I like to discuss any further ESDMP modelling work.

Jan (SE) informed that during the summertime has had some discussions with Jean-Luc related to how to use the CimConteXtor tool for maintaining a set of common ACCs between ENTSO-E, the EU DSO, ebIX® etc., which led to the following proposal from Jean-Luc:

- To enhance understanding and avoid mistakes, put a stereotype on local classes.
- For local classes that are not based on extension you need to draw associations with the Common classes.

Thereafter, Ove showed a first try of update of the ESDMP model from Jan (NL):

In this example, the added ebIX® attributes comes from an extension class (Ext_MarketEvaluationPoint) in a separate package "EbixExtension / IEC62325_ExtensionMarketManagement", which the MarketEvaluationPoint in basic CIM inherits from. However, this way we make changes to basic CIM. Hence, Jan (NL) and Kees stressed that they would prefer having the Ext_MarketEvaluationPoint class in a copy (to avoid changing the original ACC package) of the ACC package, being inherited by the MarketEvaluationPoint ACC.

Conclusion:

- We will use principle proposed by Jan (NL) and Kees and add the extension classes into the copy of the ACC package.
- For new classes we will use red colour and add stereotype «new».
- For the time being (to be suggested for ENTSO-E) we use primitive datatypes for BCCs – code lists may be added for BBIEs.

During this item, Kees reported from an ENTSO-E meeting the previous Friday, where a downstream market profile was discussed. This was an internal ENTSO-E meeting to discuss what ENTSO-E expect from a downstream market profile, hence not in conflict with what we do within ebIX®.

Iten closed.

3.2.2   MRs to WG16 CIM modelling team and Information from IEC meetings

This item was not delt with during the meeting, i.e. for information.

MRs to WG16 and their status are found in Appendix A in the separate appendix document. Minutes from WG16 meetings can be found at: WG16 / Modelling-Team-Minutes.

Jan (SE) had informed that the MR ebIX® 2021/34 (MR of issue "16_0101": MarketEvaluationPoint association to FlowDirection) was agreed in WG 16 on July 22nd.

However, how to solve the issue of using other codes than ENTSO-E codes and how then to specify the agency behind those codes – and in general for identifications – is nothing to solve here and now. It will take some time to find a good solution. So therefore, we can do this update now for 301 and 351 and take such discussion later – see item 3.2.4 below.

Item closed.

3.2.3   MRs based on Dutch requirements

Continued actions:

- Kees will add a MR to the series of other MRs that will be sent from ebIX® based on the Dutch requirements for changing the cardinality of the association between Acknowledgement_ MarketDocument and Sender_MarketParticipant/Receiver_MarketParticipant from mandatory [1] into optional [0..1].
- Kees will try to come up with a refined table showing the Dutch MRs, including examples.
- Jan (NL)/Kees will make class diagram(s) for one (or some) BRSs where extensions to ESMP is shown with different colours and use extension classes and inheritance where new attributes are needed in an ACC.

- Kees will investigate the usage of a reference to a related document (probably only used in the acknowledgement in the Netherlands) and see if he can find a justification of the "rename of the association named Original Market Document to something more generic".

Information:

- Jan (NL) and Kees informed that phase 1 of the Dutch CIM project already are published (documents) and will be put into production from March 2022. CIM MRs from phase 1 is expected (hopefully) in September this year.
- Maintenance requests to CIM from phase 2 is expected by the end of this year.

3.2.4   How to implement code lists in the European Style Downstream Market Profile (ESDMP)

The item concerns how to make sure that the Assembled code list has unique codes (when combining national codes with other (international) code lists).

Continued action:
- Kees will, as a start, see if he can find an option for combining the Enumeration literals (codes) with a listIdentifier attribute.

From Jan (SE) after approval of MR ebIX® 2021/33 (MR of issue "16_0101": MarketEvaluationPoint association to FlowDirection) on July 22nd:

Let me just bring some further input to the issue of using several agencies.

When identifying organisations there are a lot of different ways, see the ISO/IEC standard 6523, https://en.wikipedia.org/wiki/ISO/IEC_6523

Such identification schemes are often used when sending electronic invoices (like when using the PEPPOL standard, see here https://docs.peppol.eu/poacc/billing/3.0/codelist/ICD/)

And as I wrote in the presentation in the other e-mail, we in Sweden typically are specifying something like this (even though we currently not uses "mRID" from CIM):

- o In Sweden we would then exchange information like this:
  - `<xyz.mRID schemeIdentifier="SVK" schemeAgencyIdentifier="260">12345</xyz.mRID >` Or
  - `<xyz.mRID schemeAgencyIdentifier="9">735999888777777778</xyz.mRID >`

The latter example is used for (typical) established standards, like in this case GS1. While the first example is used for more "local" identifications where, in this case, it would be needed both to tell the identification schema and the agency maintaining that identification scheme.

The same would apply for codes: One "listIdentifier", identifying the list of codes – only unique for the agency that manages the code list. And that agency would then be specified using a "listAgencyIdentifier".

For instance, we in Sweden are using internal codes, national codes, Nordic Codes, ebIX® codes, ENTSO-E codes and UN/CEFACT codes. And it is also possible to use bilaterally agreed codes – where you of course would need to specify is it "my code" or "your code" that we use in our exchange?

3.2.5 Aligning the result from the Dutch and the Nordic IEC CIM pilot projects

The principles for how to update the common ebIX® ESDMP model was discussed under item 3.2.1 above.

Action:
- Ove, Jan (NL) (and others) will continue to update the common ESDMP by adding classes based on need extensions from the Dutch and Nordic CIM projects.

3.2.6 Status from WG14 taskforce for update of Organisation, Person and Party information
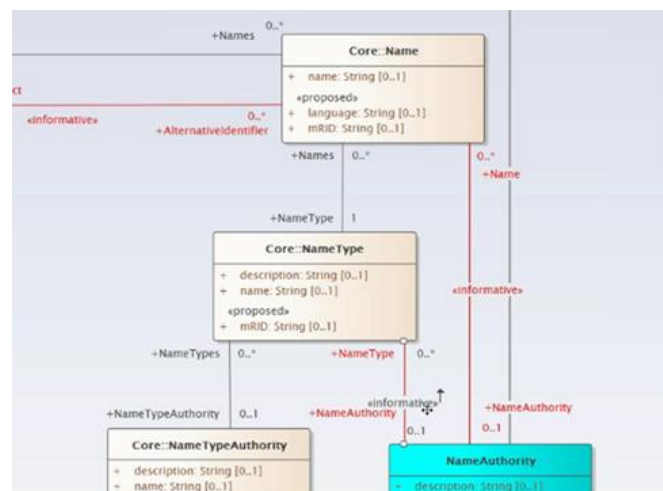
This item was not delt with during the meeting, i.e. for information.

Jan (SE) distributed on Thursday July 22nd the presentation that he, briefly, presented at the end of the 301 modelling team meeting.

> It has been suggested to associate a new class NameAuthority to the Name and and NameTypes classes, see snapshot below. However, there will probably not be so many use cases for the market purposes where NameAuthority will be used. This since we, probably, instead will use datatypes telling the authority behind the identification (however ESMP does not currently contain both the coding scheme and the agency).

> But probably we all should think of this: when will we use NameAuthority?"

> Jan also informed that there will be sent a Maintenance Request adding an association from MktActivityRecord to DateAndOrTime, based on what was written in the IEC TR 62325-103, specifying that for an event you may need to specify different kinds of dates. And not just the "createdDateTime" that is available in the MktActivityRecord class.

3.2.7 Review of new associations that are candidates for MRs to CIM - From Jan (SE)

Due to lack of time, the item was postponed.

3.2.8 Some issues related to the ENTSO-E Acknowledgement document from NMEG

Due to lack of time, the item was postponed.

3.2.9 The ebIX process for Maintenance Requests (MRs) on reference models (basic IEC CIM) and ESDM models

The item is requested from Jan (NL).

Due to lack of time, the item was postponed.

3.2.10 The governance for reference models (basic IEC CIM) and ESDM models

The item is requested from Jan (NL).

Due to lack of time, the item was postponed.

3.3 How to add additions to CIM

Due to lack of time, the item was postponed.

3.4 Procedures for how to align IEC MRs between EBG and ETC

Due to lack of time, the item was postponed.

3.5 Preparations for coming WG16 meetings

3.5.1 ebIX® MRs to WG16 – discussions with CIM EG

Due to lack of time, the item was postponed.

This text below was not delt with during the meeting, i.e. for information.

Jan (SE) had as action to make a first draft of a mapping from ebIX® BRS to the CIM model, having four columns: Attributes ebIX® BRSs, ebIX® attributes from TR, CIM attributes from TR and finally agreed or proposed CIM attributes after discussion in WG16.

Jan (SE) started to make such a table. He will continue looking into that. But a bit easier was to look at the technical report (TR) and see:

- o What is now the status? What has been implemented in CIM? What remains to be done? And what has been added since we made the TR?

He also attached an early draft for a file describing that. He took chapter 8 (and 9) from the TR and replaced the text there with current comments. He kept all figures and will add some new figures showing (still) missing associations that we would like to have in CIM. He will also look at the model that he has been using when preparing e.g., presentations for WG16 to see what other associations and attributes that would be relevant to list – several of those he however thinks he already have noted in the file.

Text marked in yellow will need to be updated, however he will not solve everything during next week.

On Thursday July 22nd he plans to show an updated version of the draft to the modelling team of WG16 – and that will then show that some updates have been done, but several remains.

Among the list of "Extensions" in the TR, in total 12 figures with suggested additions of new attributes, by now 7 are added into CIM, 5 remains. And those will still take some time

4   Request from EBG

Due to lack of time, the item was postponed.

5   EG1 status

5.1   Who do we (ETC) think the EU Competent Authority is?

Due to lack of time, the item was postponed.

6   Problems with TT (Eclipse) – To remember item (to be reopened when the TT is needed)

Due to lack of time, the item was postponed.

7   Resolve HG issues

7.1   BRP vs Energy Trader

Due to lack of time, the item was postponed.

7.2   Status for harmonisation of the electricity and gas markets role models

Due to lack of time, the item was postponed.

7.3   Procedures cooperation between EBG and ETC regarding updates of HRM

Due to lack of time, the item was postponed.

7.4   Suggestions for HRM extensions

Due to lack of time, the item was postponed.

7.5   ebIX HG MR 2021-02 - Rephrase definition of Meter Administrator - for ETC review

Due to lack of time, the item was postponed.

7.6   Usage of Consumption- and/or Production Responsible Party

On July 8th, the following question was sent to all ebIX members:

We are discussing in the ebIX®, EFET and ENTSO-E Harmonisation Group (HG) if we can deprecate the Consumption Responsible Party and the Production Responsible Party from the Harmonised Electricity Market Role Model (HEMRM), among others because of alignment with the Gas Role Model. Hence, if anyone is using these roles, please let me know latest before Tuesday July 13th.

Unless anyone is using the roles, we will go forward with a request to ENTSO-E and EFET to deprecate the two roles from HEMRM.

With the following response from Blaž Krese, President of IPET (Slovenian ebIX® member organisation):

ELES (the Slovenian TSO) reported they use both the Consumption Responsible Party and the Production Responsible Party roles in the scheduling process. Therefor ELES does not agree with the suggested deprecation.

Please refer to Mr. Panjan (added in Cc) for further information.

Conclusion:

- For the moment ebIX suggest keeping the Consumption Responsible Party and the Production Responsible Party in the Harmonised Electricity Market Role Model (HEMRM).

Item closed.

8   ebIX® Business Information Model 2020.A

Due to lack of time, the item was postponed.

9   Code lists from Magic Draw model in Word format

Due to lack of time, the item was postponed.

10   Review of ETC workplan

Due to lack of time, the item was postponed.

11   Next meetings[1]

- Wednesday September 29th, 2021, from 10:00 to 12:00 and from 13:00 to 15:00, GoToMeeting.
- Monday October 18th, 2021, from 10:00 to 12:00, GoToMeeting.
- Thursday October 21st, 2021, from 10:00 to 12:00, GoToMeeting.
- Wednesday November 24th, 2021, from 10:00 to 12:00 and from 13:00 to 15:00, GoToMeeting.
- Wednesday December 15th, 2021, from 10:00 to 12:00 and from 13:00 to 15:00, GoToMeeting.

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[1] All Face-to-face meeting starts 09:00 the first day and end at 16:00 unless otherwise explicitly stated.

12 AOB