

Minutes ETC meeting, June 10 th , 2021	 European forum for energy Business Information eXchange
June 15 th , 2021	ETC – ebIX® Technical Committee

Minutes ETC meeting, June 10th, 2021

Date: Wednesday June 10th, 2021
Time: 10:00 – 12:00, 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:

- Short report from ETC meeting dedicated to ESMP modelling May 28th, see item 3.1.
- Two profiles (ESMP and ESDMP) and common ACCs, see item 3.2.1.
- From Jan (SE): extensions to ACCs should be avoided, see item 3.2.2.
- Attributes to be added to MarketEvaluationPoint, see item 3.2.3 – **Prioritised item (to be further discussed at WG16 meeting June 17th).**

2 Minutes from previous meeting

Postponed.

3 Resolve ebIX®/IEC issues

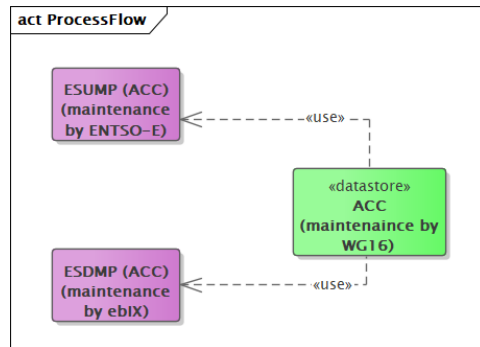
3.1 Short report from ETC meeting dedicated to ESMP modelling May 28th

The item is added for information.

In general:

- We would like to reuse as much as possible from the existing ESMP
- We would like to use colouring to show the origin of the ACC, such as:
 - Light green: Not in ESMP but already in one of the basic CIM packages.
 - Red: New to ESMP and basic CIM.
 - Grey: ESDMP «ACC» - may be extended (have more attributes) than ESMP «ACC».
 - Yellow: Classes from one of the basic CIM packages.

- Jan (SE) mentioned that he has been told that extensions to ACCs should be avoided – extensions should be done on basic CIM level.



Some proposals for rules:

- 1) We (ebIX® and ENTSO-E) work on a common set of ACCs (without associations) (see green box above)
- 2) We start filling this common set of ACCs with the current ESMP ACCs
- 3) Both ENTSO-E and ebIX® will create and maintain their own ACC models (with associations ASCCs)
- 4) There will be separate European downstream and upstream packages containing the ABIEs
- 5) If we need a new attribute, we make an extension class with a prefix Ext_ and makes an inheritance from the Ext-class to the ACC – *This must be verified (ref Jan (SE)s comment above)*
- 6) If we need a new association, we stereotype it with «new»
- 7) New ACCs required by ebIX®, shall be stored in the same package as the common ACC package

Item closed.

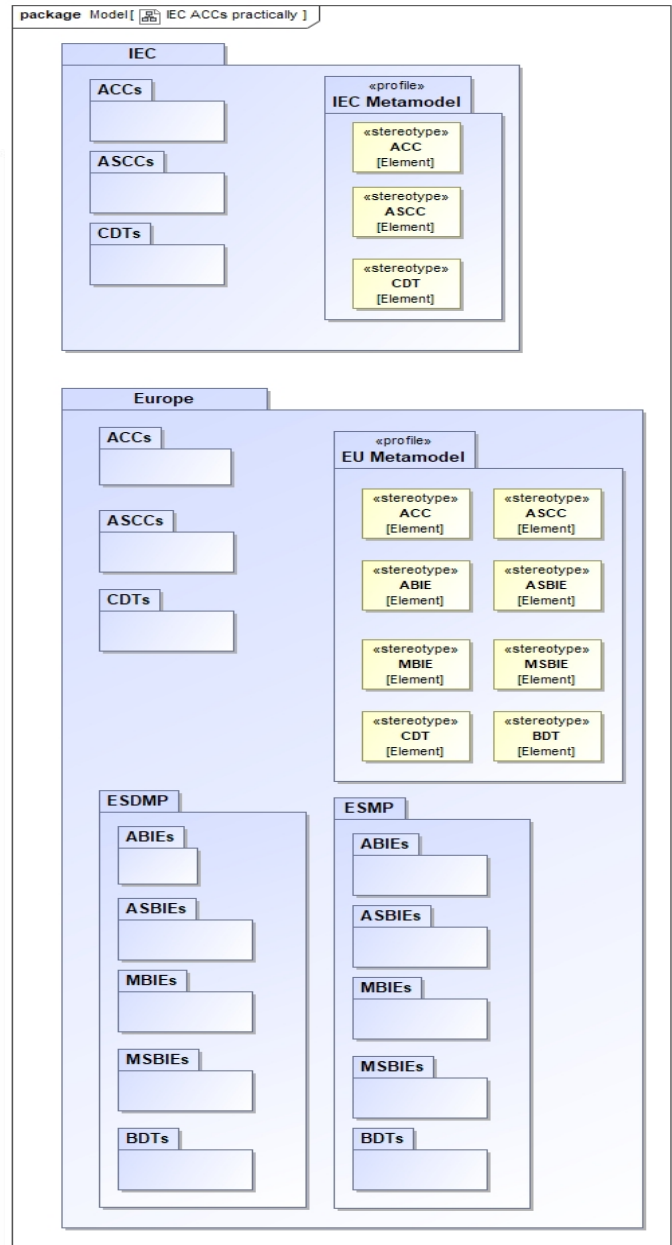
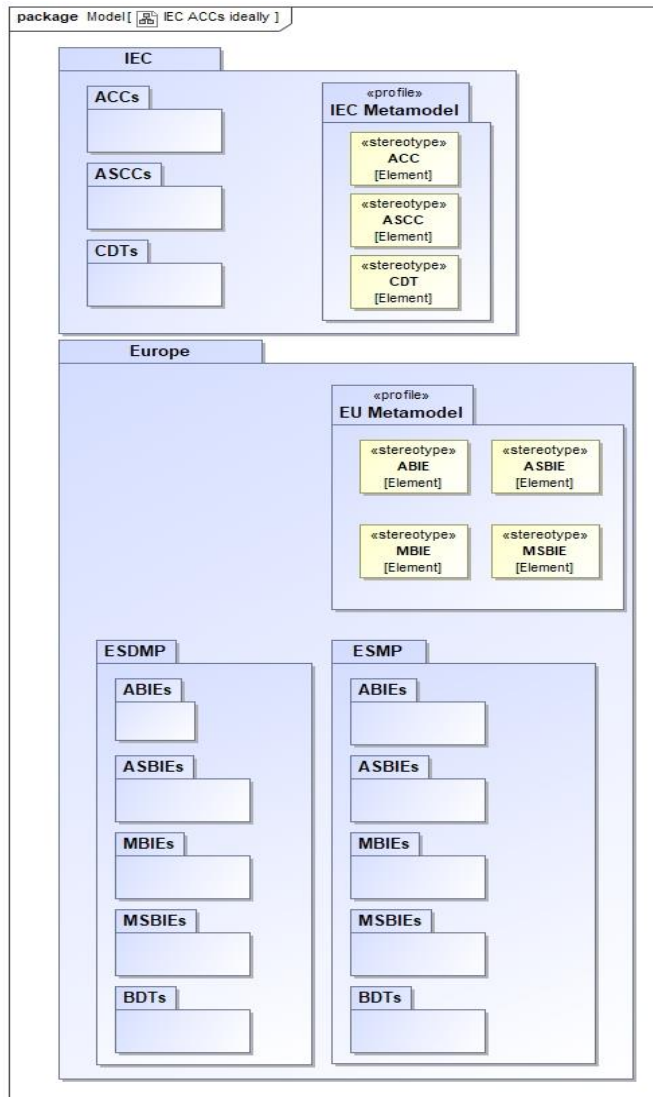
3.2 Making a European Style Downstream Market Profile (ESDMP)

3.2.1 Two profiles (ESMP and ESDMP) and common ACCs

Kees had sent two package diagrams, explaining his thoughts about the structure of where ACCs should be maintained:

From related discussion:

- Theoretically there should only be one (international) set of ACCs. However, in practice this seems to be impossible.
- ABIEs should be on a European level and should be «basedOn» ACCs, hence the ACCs in Europe should theoretically be renamed to ABIEs. However, in practice this seems to be impossible.
- In practice it is suggested having:
 - A mix of worldwide ACCs and special European ACCs. The two sets of ACCs are independent of each other. One advantage is that the maintenance/governance process will be faster.
 - Further it is proposed that there are separate ABIE-packages for ESMP and ESDMP.



To be continued.

3.2.2 From Jan (SE): extensions to ACCs should be avoided

Jan (SE) has received the below figure from a colleague at Svenska kraftnät, which was briefly discussed. Jan (SE) noted that the “Canonical CIM” is the TC57CIM package.

Kees mentioned that he agrees with Jan (SE)’s colleague that (private) extensions to ACC’s is a no-go. If one wants to add something to an ACC one should submit an MR and have a new version for that ACC created. Our “extensions” to CIM or to Core Components are just to be seen as illustrations for the MR’s and should not interfere with the active market profile.

So we have to describe a procedure for the interim period where we have started working on an update (and then maybe use a new class with stereotype “ext” to make the new element visible) and the end when the MR is approved (or rejected). And then delete this extension-class and replace the old ACC with the updated one.

Extending vs Profiling

Extensions have to take place in the canonical model first
before they can be restricted at a profile level
i.e. it is not allowed to add extensions directly at the profile level.

Extending canonical CIM and extensions
is to add :

- > Attributes to existing object class or enumeration
- > New object class or enumeration
- > Generalization or association link

to extend functional coverage and/or adapt
the information model to a context, an use

Profiling canonical CIM and all extensions
is to restrict :

- > Object classes and enumerations
- > Generalizations and associations link
and possibly restrict multiplicities
- > Attributes of object class and enumeration

to a consistent sub-set of canonical CIM and
all extensions, relevant to a specific purpose



The item will be continued as part of item 3.3.

Item closed.

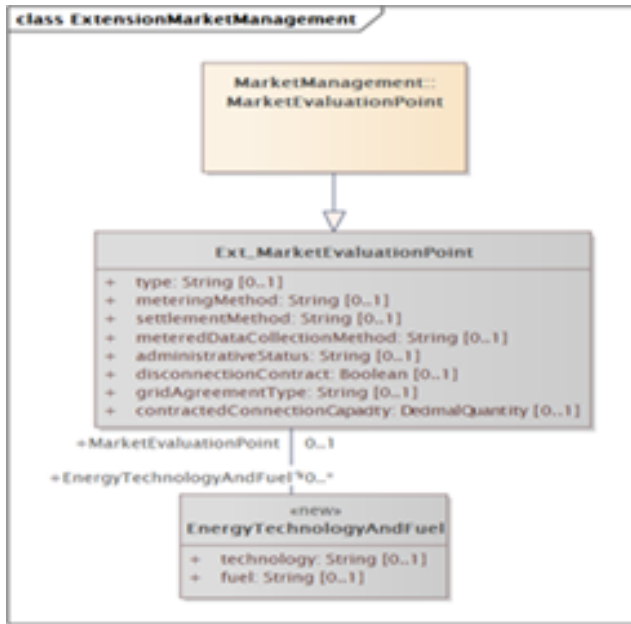
3.2.3 [Attributes to be added to MarketEvaluationPoint](#)

Jan (SE) reported from a WG16 and ebIX® MR discussion regarding MarketEvaluationPoints and specialized classes AccountingPoint and ExchangePoint. Existing ESMP profiles will not be changed to use specialized classes and will continue to use the MarketEvaluationPoint. Jan (SE) will re-evaluate all MR attributes to verify which class the attribute will exist within (MarketEvaluationPoint, AccountingPoint or ExchangePoint). ebIX® plans to explore the use of an extended profile which would support the use of the new specialized classes. The extended profile would allow the existing EMSP profiles to remain intact.

Draft suggestion of which attributes (not complete list) that should be related to which class

meteringMethod	both classes
settlementMethod	only AccountingPoint
gridAgreementType	only AccountingPoint
administrativeStatus	only AccountingPoint (I think)
contractedConnectionCapacity	only AccountingPoint
disconnectionContract	only AccountingPoint

The Following was presented to WG16:



- Type > AccountingPoint and ExchangePoint
- meteringMethod > attribute in MarketEvaluationPoint
- settlementMethod > attribute in AccountingPoint
- administrativeStatus > AccountingPoint
- disconnectionContract > AccountingPoint
- gridAgreementType > AccountingPoint
- contractedConnectionCapacity > AccountingPoint

Jan (SE) went through the following suggested new attributes in MarketEvaluationPoint at the WG 16 meeting June 3rd with the conclusion at this ETC meeting:

- meteringMethod – to be in the “parent class” (and no comments from the participants)
Conclusion: OK
- settlementMethod – to be found in the AccountingPoint class (and no comments from the participants)
Conclusion: OK
- scheduledMeterReadingDate – the suggestion was earlier to use the inherited (possible) new attribute nextReadingDate from UsagePoint (Becky will check if it is there).

However: what do we want to specify here? Do we want to say “This accounting point will be read 24th of June 2021”? Or just “This accounting point will be read 24th of June (any year)”? or just “This accounting point will be read in June every year”? Would one possibility to have a sort of attribute “MeterReadingMonth”? But then we rather come to the next attribute:

Conclusion:

- We proposed to rename the attribute to Scheduled Meter Reading Occurrence or Scheduled Meter Reading Occasion - to make it more generic, i.e., it is not necessarily a date.
- Further, we propose adding the attribute to Usage Point or Market Evaluation Point (that inherits from Usage Point) or the new Accounting Point class (that inherits from Market Evaluation Point).
- Kees/Ove will bring the question to the EBG meeting June 14th, asking EBG to make a decision that can be brought to the WG16 meeting Thursday June 17th.
- Proposed definition:

“The indication of when the **next regular** meter reading is scheduled”.

- meterReadingPeriodicity – the suggestion was earlier to use the attribute readCycle from UsagePoint. Definition of readCycle is: *Cycle day on which the meter for this usage point will normally be read. Usually correlated with the billing cycle.* This sounds very relevant. But: I would like to give examples of the usage of scheduledMeterReadingDate and meterReadingPeriodicity. Can we make such examples?

Conclusion:

- Kees/Ove will bring some questions to the EBG meeting June 14th, asking EBG to make a decision that can be brought to the WG16 meeting Thursday June 17th:
 - There is a need to specify the interval between reporting meter reads from a profiled settled AP, such as every month. In addition, it might be needed to report the meter read interval for continuously read Meters, such as 15 minute or hourly. Is there a need for an extra attribute?
 - EBG is asked to come up with name(s) (if new name(s) is/are wanted) and definition(s) for the (one or two) attributes.
- meteredDataCollectionMethod – the suggestion was earlier to add and use an attribute “isAMR” to the class EndDevice. However that Boolean attribute would not be a code telling how the metered values were collected. So I said *“The suggestion to add “isAMR” to EndDevice could then be withdrawn, seen from a WG16 perspective.”* (and there were no comments from the participants).

Conclusion:

- We continue the work to add meteredDataCollectionMethod – the Boolean attribute isAMR is not good enough.
- We suggest to add the meteredDataCollectionMethod to Market Evaluation Point, as String in basic CIM (and in the ACC and a code list in the ABIE).
- administrativeStatus – to be found in the AccountingPoint class (and no comments from the participants).

Conclusion: OK

At this ETC meeting we also went through the following suggested new attributes:

- gridAgreementType – proposed to be in AccountingPoint only

Conclusion: OK

- contractedConnectionCapacity – may be needed for private grids, hence proposed to be in Market Evaluation Point.

Conclusion: OK

- disconnectionContract – proposed to be in AccountingPoint only

Conclusion: OK

Further report by Jan (SE) from the WG16 meeting:

Before going through the above list we looked at two maintenance requests from ENTSO-E (Alvaro), and regarding the suggestion of adding an attribute to the class Price it was suggested that we should try to combine what is found in the MarketOperation package with what is found in MarketManagement package

regarding prices. I mentioned then that I have been looking at the ChargeType and ChargeGroup classes that would be useful when exchanging tariffs.

A note for future work is that we should look at the suggested new associations for MarketEvaluationPoint, what should be kept there, and what should be relevant just for an AccountingPoint? E.g., if we need an association to Domain, I would suggest that to be from MarketEvaluationPoint. That I also would suggest for a possible new association to DateAndOrTime. E.g. if we need to send characteristics for an ExchangePoint that includes a date, then that would also be relevant for an AccountingPoint. However, note that some dates may rather be part of the “event” as such, and not part of the characteristics for the MarketEvaluationPoint. I.e. to be verified with what we have in the BRS:s.

At the next modelling meeting in WG16 (June 17th) we can hopefully agree upon the addition of AccountingPoint and ExchangePoint, and which attributes to be put where.

We will then see what would be left to do.

Item closed.

[3.2.4 MRs to WG16 CIM modelling team and Information from IEC meetings](#)

The item was postponed.

[3.2.5 MRs based on Dutch requirements](#)

The item was postponed.

[3.2.6 How to implement code lists in the European Style Downstream Market Profile \(ESDMP\)](#)

The item was postponed.

[3.2.7 Aligning the result from the Dutch and the Nordic IEC CIM pilot projects](#)

The item was postponed.

[3.2.8 Status from WG14 taskforce for update of Organisation, Person and Party information](#)

The item was postponed.

[3.2.9 Review of new associations that are candidates for MRs to CIM - From Jan \(SE\)](#)

The item was postponed.

[3.2.10 Some issues related to the ENTSO-E Acknowledgement document from NMEG](#)

The item was postponed.

3.2.11 [The ebIX process for Maintenance Requests \(MRs\) on reference models \(basic IEC CIM\) and ESDM models](#)

The item was postponed.

3.2.12 [The governance for reference models \(basic IEC CIM\) and ESDM models](#)

The item was postponed.

3.3 How to add additions to CIM

The item was postponed.

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

The item was postponed.

4 EG1 status

The item was postponed.

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

The item was postponed.

6 Resolve HG issues

The item was postponed.

7 ebIX® Business Information Model 2020.A

The item was postponed.

8 Code lists from Magic Draw model in Word format

The item was postponed.

9 Review of ETC workplan

The item was postponed.

10 Next meetings¹

Normal ETC meetings:

- Wednesday July 7th, 2021 from 10:00 to 12:00 and from 13:00 to 15:00, GoToMeeting.
- Wednesday August 25th, 2021 from 10:00 to 12:00 and from 13:00 to 15:00, GoToMeeting.
- Wednesday September 22nd, 2021 from 10:00 to 12:00 and from 13:00 to 15:00, GoToMeeting.
- Monday October 18th, from 10:00 to 12:00, GoToMeeting.
- Thursday October 21st, from 10:00 to 12:00, GoToMeeting.

Discuss ESDMP modelling meetings:

- Thursday June 17th, from 15:00 – 16:00.

11 AOB

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