

Minutes: NMEG meeting Date: Monday October 7 th Time: 10:00 – 12:30 Place: GoToMeeting	 NMEG Nordic Market Expert Group
October 24 th , 2024	

Present: Christian, Energinet
Jan (DK), Energinet
Jan (SE), Svenska kraftnät
Jon-Egil, Statnett (convenor)
Mario, Elhub
Ove, Edisys (secretary)
Teemu H, Fingrid
Teemu K, Finish datahub

To (NMEG): Anne Stine, Elhub
Christian, Energinet
Henrik, Energinet
Jan (DK), Energinet
Jan (SE), Svenska kraftnät
Jon-Egil, Statnett (convenor)
Mario, Elhub
Miika, Fingrid
Ove, Edisys (secretary)
Teemu H, Fingrid
Teemu K, Finish datahub

CC: Bent Atle, Edisys
Fedder, Energinet
Hans Erik, Elhub
Pamina, Energinet
Tage, Energinet

To (Invited guests): Antti, eSett
Søren, Nordic RCC
Tommy, eSett
Tuomas L, eSett
Tuomas P, eSett

Appendix A: Overview of Nordic memberships in international standardisation bodies
Attachment: None

1 Approval of agenda

The agenda was approved with the following addition:

- NBS BRS and related User Guide, see item 8.1.
- MR for new and/or changed associations to/from RegisteredResource, see item 9.8.
- Update of PRODAT IG, see item 9.9.
- Nordic characters in www.ediel.org, see item 11
- Policy for Ediel.org editors, see item 14.

2 Approval of previous meeting minutes

The previous meeting minutes were approved after correction of a spelling error found by Jan (SE).

3 Alternative to Unicorn Makes (ECP) End Point in the GO language from Energinet (Henrik)

Background: Energinet has developed an alternative to the Unicorn Makes (ECP) End Point in the GO language that is 100 times faster than and uses 100 times less resources than the alternative from Unicorn. Energinet and Statnett will run a pilot project to test it out.

References (links):

What to decide, discuss or inform: Status for finalising and implementation of the new ECP End Point software.

Nothing new reported – to be continued.

4 Nordic Dynamic dimensioning project (Henrik)

Background: The Nordic Dynamic dimensioning project will make an optimisation of the mFRR market. It is a Nordic TSO project based on AI. It should be relevant for NMEG when the project comes to data exchange between the TSOs.

References (links):

What to decide, discuss or inform: Status for the project.

Nothing new reported – to be continued.

5 Status from NEX (Nordic ECP/EDX Group)

Background: NIT has taken over the responsibility for NEX (Nordic ECP/EDX Group), former "ECP/EDX Centre of Excellence". However, the group is still below NMEG in the "formal hierarchy". NMEG will be kept informed of progress in the group.

Further, NIT has approved the establishment of a short-term secure communication platform and short-term ECP requirements. However we will also have to investigate long-term solutions. It is NEX responsibility to do the work. NMEG will follow up and supervise.

References (links):

What to decide, discuss or inform: Status from NEX.

5.1 How to handle the new NMEG strategic action: "Establish a secure Nordic Communication platform"?

Background: NIT has approved the establishment of a short-term secure communication platform. It is NEX responsibility to do the work. NMEG will follow up and supervise.

References (links): From the NMEG roadmap:

NMEG will together with the Nordic TSOs specify and establish a secure Nordic Communication platform for secure information exchange between the Nordic TSO organisations in case of a major IT incident and/or any secure communication need between the Nordic TSOs.

What to decide,

discuss or inform: Status for the project

This is an ongoing task where the actual work is done in NEX. Jon-Egil is following the task as NMEG representative.

5.2 How to handle the new NMEG strategic action: “Establish new ECP requirements”?

Background: NIT has approved the establishment of a short-term ECP requirements. However we will also have to investigate long-term solutions. The NEX group is the one who have the knowledge and the one to making the first draft of an ECP recommendation. NMEG will follow up and supervise.

References (links): From the NMEG roadmap:

NMEG will establish new ECP requirements to be sure that ECP will be compliant with the future TSO needs.

This is also an ongoing task where the actual work is done in NEX. Jon-Egil is following also this task as NMEG representative.

The project is delayed because Nordic RCC is busy with its “flow-based project”.

6 Support to Nordic RCC

Background: The Nordic RCC is a central body in the Nordic energy market with need for common data exchange standards, hence a natural member of NMEG.

References (links): None.

What to decide,

discuss or inform: Update of BRSs, MRs for CIM and/or ESMP, etc. All based on Nordic RCC needs.

Noting new reported – to be continued.

7 Support to the NBM project

Background: The NBM-project (Nordic Balancing Model) is going forward and there is a need for several new CIM based documents.

References (links): <http://nordicbalancingmodel.net/>

What to decide,

discuss or inform: Status for the NBM project and possible task for NMEG.

7.1 Alignment of NMEG BRSs and NBM BRSs/IGs

Ove had as action sent the Nordic determine transfer capacity BRS v3r1A for one week of circulation for comments to NMEG and thereafter publish it (September 27th).

Ove had also updated the Nordic Operate BRS after commenting at the previous NMEG meeting. Next meeting we will start review at chapter 5.7.

Continued action:

- Ove will continue updating NMEG BRSs with content from the NBM BRSs/IGs

7.2 *Shall we extend the Acknowledgement document?*

Ove had as action updated the Acknowledgement chapter in the Ediel Common XML rules and recommendations and made the related xml schema (distributed Monday September 16th).

Unicorn has tested the updates, since they intend to use the new acknowledgement document as response to NBM Master Data documents. Unicorn has acknowledged the receipt and have no reservations.

The Acknowledgement chapter in the Ediel Common XML rules and recommendations were reviewed and agreed.

Ove had also made the NMEG MR/2024-219 for extending the Acknowledgement document. Also this was also reviewed and agreed.

Action:

- Ove will forward the MR to Jon-Egil who will forward it to CIM WG.
- Ove will publish the updated common rules and recommendations and the related Acknowledgement document xml-schema.

Item closed.

8 **Support to NBS (eSett)**

Background: NMEG has made a set of BRSs for NBS (Nordic Balance Settlement). NMEG has also drafted a set of documents, both based on older ENTSO-E and ebIX[®] standards, and newer based on CIM. These BRSs and messages needs to be maintained and extended based on new requirements from the market.

References (links): <https://ediel.org/nordic-balance-settlement-nbs/>

What to decide,

discuss or inform: Status for the updates and extensions of/to NBS BRSs and documents.

8.1 *NBS BRS and related User Guide*

Ove had as action from previous NMEG meeting updated the NBS BRS but not the related User Guide.

However, the NBS User Guide has not been updated since the NBS BRS and the NBS BRS for TSO-MO were merged in spring this year. For the NBS BRS for TSO-MO we have never made a User Guide. The User Guide is having a bit more information than the BRS, such as the attributes of the data types, but it is pretty much extra work to maintain both a BRS and a User Guide.

Do we still need the NBS User Guide?

Action:

- Ove will ask Tuomas if we can skip the User Guide for the future.

8.2 *CIM for NBS*

The NMEG CIM-XML Subgroup has made a proposal for how to migrate from old ebIX[®] documents to CIM documents for the NBS ebIX[®] based documents.

Still to investigate:

- Is the association without a name (the “MGA responsible for the measurements”) still needed or can we use the MarketParty (DSO) instead?

Conclusion:

- Postponed until next meeting.

9 Status and update of Nordic BRSs and other documents if needed

Background: NMEG is responsible for a set of BRSs and other documents, such as the NMEG code list, which are published at www.ediel.org.

References (links): None.

What to decide,

discuss or inform: Update of BRSs and other documents if needed.

9.1 Exchange of settlement information between the Nordic TSOs

Background: NMEG has made a first draft of a NMEG BRS for TSO-TSO settlement (release candidate - for test implementation).

References (links): None.

What to decide,

discuss or inform: Finalise the BRS.

Ove had as action updated the Ediel BRS for TSO-TSO settlement, sent it for one week of commenting by NMEG and finally published it on September 27th.

Action:

- Ove will change the status to “Approved by NMEG”.

Item closed.

9.2 NMEG CIM master data documents

Conclusion:

- We will look at the content, i.e. which documents to include, at the next NMEG meeting in Sundbyberg.

Continued action:

- Ove will make a first draft of a Nordic Master data BRS

9.3 BRS for Nordic Scheduling and Ancillary Services Processes: ERRP Planned Resource Schedule Document for Svenska kraftnät

Nothing new reported – to be continued.

Continued action:

- Denmark will investigate if Business types **A10** and **A12** still are used for Ancillary services schedules in Denmark.

9.4 Update of NMEG code list (if applicable)

9.4.1 Shall we deprecate Business Type code “Z76 Day ahead prices used for CZC forecast calculation”

Decide if the Business Type code **Z76** shall be deprecated or kept. If kept, can we find a better description of the code:

Code	Name	Description
Z76	Day ahead prices used for CZC forecast calculation	Day ahead prices used for Cross Zonal Capacity forecast calculation

(CZC = Cross Zonal Capacity = The cross-zonal transmission capacity between two bidding zones.)

Noting new reported – to be continued.

Continued action:

- Business experts at NRCC know of no usage. Søren to scan data once available.

9.5 Status for new Nordic extended Schedule Outage Market Document

Review of the Nordic extended Schedule Outage Market Document to see if it should be published at www.ediel.org.

Noting new reported – to be continued.

9.6 Addition of dynamic “HVDC-run-profiles” in BRS for schedules

Ove had as action published the xml schema for dynamic “HVDC-run-profiles”.

Ove had also added the document to the BRS for schedules, which was reviewed and updated.

Action:

- Ove will send the BRS for schedules on circulation for comments for one week before publishing it.

Item closed.

9.7 New versioning chapter in Ediel Common XML rules and recommendations

Ove had as action made a MR for adding the new text to the [EDI best practices.pdf](#) (NMEG MR 2024-220)

- Introducing a new chapter “6 Usage of revisionNumber”
- Update of chapter 7 Harmonised role model, i.e.
 - Rename HRM to HEMRM
 - Replace “last” with “latest”
 - And probably most of:

“Please refer to HRM documentation. It is recommended to use as much as possible the HRM to describe the data exchanges. In some case (for historical reason or for discussions outside Europe) the use case of some implementation guides cannot be compliant with the last version of the HRM.

It is also obvious that the implementations can refer to the latest version of the HRM available at the implementation time, whereas there are updates and modifications of HRM published after the implementation. Therefore, it is recommended to refer in implementation guide which HRM version the implementation is based on.”

Action:

- Ove will send the MR to Jon-Egil for forwarding to CIM WG.
- Ove will publish the updated common rules and recommendations and the related Acknowledgement document xml-schema.

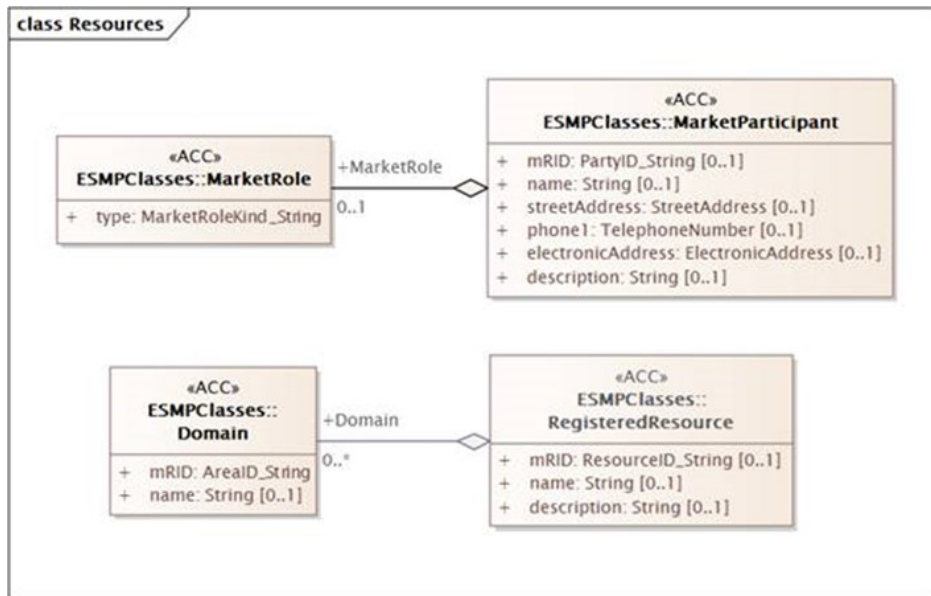
Item closed.

9.8 MR for new and/or changed associations to/from RegisteredResource

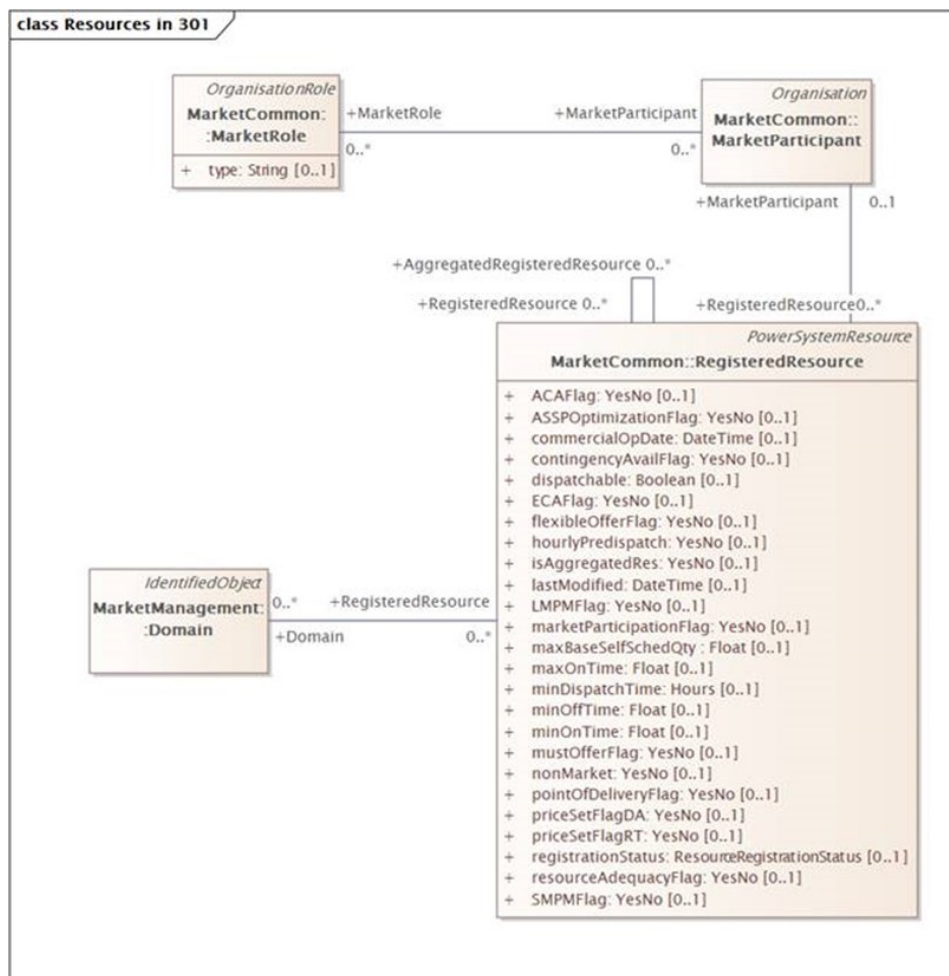
From Jan (SE):

Looking at <https://ediel.org/wp-content/uploads/2023/12/NBS-UserGuide-Master-Data-v2r3A-20231208.pdf> (page 33) we see that a “RegisteredResource” (as it is called in CIM) is associated with other “RegisteredResource”, with “Domain” and with “MarketParticipant”.

In ESMP it looks like this, without an association between “RegisteredResource” and without an association to MarketParticipant.



Looking into basic CIM it is different, there we find the association to MarketParticipant and the association between RegisteredResource, see figure below.



However, there is one problem: you cannot link more than one MarketParticipant to a RegisteredResource. I would assume that we would like to associate both a Resource Provider, a Resource Aggregator, a Flexibility Service Provider, a Balancing Service Provider and others to a resource, at least for master data purposes. So, I would suggest creating an MR updating the association to MarketParticipant. And I would also suggest looking into the UseCases of having resources consisting of other resources and making it possible to use ESMP describing that.

This issue is linked to our upcoming system for structural information (master data) at Svenska kraftnät.

One more actor that is relevant to a resource is to keep track of: Who owns the resource?

I also think that this should be linked to what has been done and is being done around "Demand response", where resources will be activated and where several actors with different roles can be involved, and where "aggregated resources" should be relevant to describe. But here others can contribute with more documentation for a "Maintenance request".

Conclusion:

- We will merge this item with item 9.2 and continue the discussion at the upcoming NMEG meeting in Sundbyberg.

Item closed.

9.9 Update of PRODAT IG

From Jan (SE):

In 2025, we will introduce the PRODAT message between "Permission administrator" (= grid owner, according to the Swedish proposal) and "Eligible party" (= Energy service company). This is the fastest to implement for grid owners who still use PRODAT in Sweden. Four variants are created:

- PRODAT Z13 - Request for Access to Metrics
- Z14 - Access to Meter Values Approved/Denied
- Z15 - Active state expires
- Z18 - Request for Termination of Reporting

The network owner sends PRODAT Z14 and Z15 (much like PRODAT Z04 and Z05 today). The energy service company sends PRODAT Z13 and Z18 (much like the electricity supplier sends PRODAT Z03 and Z08 today).

Each PRODAT message has a "Reason for transaction". For the PRODAT Z13, we have three variants in mind.

- Cancellation(code Z25)
- Values from the report start date (code S17?, i.e. Swedish reason code)
- Historical measurements (code Z18?, Swedish cause code)

In the "Values from Report Start Date" message, the energy service provider specifies a start date that can be a historical date, a date "now", or a future date. The reporting starts and then continues until a PRODAT Z18 + Z15 is sent or only a PRODAT Z15 if, for example, the customer moves from the plant and the energy service company is therefore no longer entitled to receive meter readings. In the message with "Historical measurements", the energy service company must indicate a period (elapsed time). No PRODAT Z18/Z15 will then be sent as this only leads to making a single send of measured values.

For PRODAT Z14, the network owner reports the same variants. But there is also the reason code for "negative PRODAT Z14", i.e. that the network owner denies a permit. Here we have found the reason code Z96 from NMEG (= "Rejected by operator") that we thought we might be able to use. Two cases exist for negative PRODAT Z14 (Denied Permission), which is listed in the Permission Status field

- 1) "Timed out" (a new ENTSO-E code will be used for the status). The end customer does not do anything to authorize authorized party access to the meter readings.
- 2) "Withdrawn" (the ENTSO-E code A13 will be used for the status). The end customer has not actively approved any of the intended permits.

In PRODAT Z18 from the energy service company to the network owner, the following variant may occur

- Values stop being reported (code S17?, i.e. the same code as at the start in PRODAT Z13) (S17 should probably stand for "start or end of reporting of metrics" or similar)

(Any cancellation of PRODAT Z18 will not be sent in time because PRODAT Z15 is sent automatically after PRODAT Z18 has been received, then you will have to send PRODAT Z13 again if the reporting should not have been completed.) The field "*Permission end reason*" is used in PRODAT Z18 to signal why the permission intends to expire ("Revocation of Final Customer", "Termination by the Eligible Party", codes according to ENTSO-E).

In PRODAT Z15 from the network owner, the following variants may occur

- Cancellation (code Z25)
- Values stop being reported (code S17?, either the same code as in received PRODAT Z18, or that code is used when PRODAT Z15 is sent for another reason)

The field "*Permission end reason*" is used in PRODAT Z15 to signal why the permission expires ("Reach of Permission end timestamp", "Revocation of Final Customer", "Termination by the Eligible Party", codes according to ENTSO-E. Furthermore, "No valid Grid access contract" which has been submitted as a proposal for a new "Permission end reason"; we have also submitted "Customer move", but that code can instead be used in other countries). The code for "Reach of Permission end timestamp" will probably not be used in Sweden (in our PRODAT messages) since no such date is sent in PRODAT Z13 and the grid owner thus knows any end date, instead the energy service company must send PRODAT Z18 when the reporting is to end (or reporting ceases for other reasons). This means that measurement value reporting is normally always done until further notice. The field "*Permission status*" is used in the cancellation and indicates whether the permission should be valid or invalid after the cancellation, in the second PRODAT Z15 the code for "Invalid" is entered because the condition expires.

Two questions to NMEG:

- 1) Is it OK to use the NMEG code Z96 = Rejected by operator for "negative PRODAT Z14"? Or should we use our own code for denied/negative PRODAT messages? (We do not intend to introduce negative PRODAT Z04 and the like, we are not making any changes there).
- 2) What do we do with <https://ediel.org/wp-content/uploads/2022/09/PRODAT-Draft-v3r1A-20220915.pdf>?
 - a. Nothing
 - b. Svenska kraftnät gets the word version of the file and gets the opportunity to make the necessary additions for publication on www.ediel.se (then when it will be done is another matter).

And a question to NTC:

A question to NTC may be how this is implemented in the hubs, where the datahub will probably be "Permission administrator". And perhaps the hubs will be closer to the description in the implementing regulation (EU 2023/1162).

Conclusion:

- It is OK to use the NMEG code Z96 = Rejected by operator for "negative PRODAT Z14". This is generic code meant for this type of responses.
- Jan (SE) has already got the PRODAT IG in Word format. After update it should be published at www.ediel.org.

10 Status for MRs to ENTSO-E

Background: NMEG has sent several Maintenance Requests (MR) to ENTSO-E during the last years and some of these (about 10 MRs) has been postponed by CIM WG.

References (links): The MRs can be downloaded from Statnett's eRoom.

What to decide,

discuss or inform: Review and update of statuses in NMEG MR Overview document.

Status:

MR #	Description	Status
NMEG 2022/205 (CIM WG)	Addition of a Category attribute to TimeSeries in IEC62325 and ESMP	<p>20220907:</p> <ul style="list-style-type: none"> • Forwarded by Ove to Jon-Egil for submission to CIM WG <p>20221006:</p> <ul style="list-style-type: none"> • Ongoing <p>20221031:</p> <ul style="list-style-type: none"> • The MR is awaiting approval in the ENTSO-E ESMP SG before it is sent to CIM EG, hence it will probably still take a few weeks before it is handled <p>20230124:</p> <ul style="list-style-type: none"> • Not agreed – Jon-Egil, Jan (SE) and Alvaro will draft a new proposal. • To be continued <p>20230222:</p> <ul style="list-style-type: none"> • Ongoing <p>20230411, 20230830, 20231101, 20231205, 20240110, 20240205, 20240227, 20240506 and 20240904:</p> <ul style="list-style-type: none"> • Ongoing <p>20241007:</p> <ul style="list-style-type: none"> • To be rewritten (?)
NMEG 2024/212	Add Related_Market Participant to Activation Market Document	<p>20240205, 20240227, 20240506, 20240904 and 20241007:</p> <ul style="list-style-type: none"> • Ongoing.
NMEG 2024/213	Add FlowDirection (direction) to FSKAR settlement document	<p>20240904 and 20241007:</p> <ul style="list-style-type: none"> • Approved
NMEG 2024/214	Add EnergyMarket (timeFrame) to FSKAR settlement document	<p>20240904 and 20241007:</p> <ul style="list-style-type: none"> • Approved

MR #	Description	Status
NMEG 2024/215	Add flowCategory and DeltaQuantity to FSKAR MeteringData document	20240904 and 20241007: <ul style="list-style-type: none"> Approved
NMEG 2024/216	Add flowCategory, settlementMethod, psrType and Reason code + change cardinality of Market Participant to EAR	20240904 and 20241007: <ul style="list-style-type: none"> Approved
NMEG 2024/217	Add category attribute to the EnergyMarket class	20240904 and 20241007: <ul style="list-style-type: none"> Approved
NMEG 2024/218	Update of Role Type descriptions in the ENTSO-E code list	20240904 and 20241007: <ul style="list-style-type: none"> Reviewed by NMEG and agreed Ongoing
NMEG 2024/219	Add the Series class and the MktActivityRecord class to the Acknowledgement Market Document	20241007: <ul style="list-style-type: none"> Approved by NMEG and will be forwarded to ENTSO-E
NMEG 2024/220	Update of ENTSO-E EDI best practices document	20241007: <ul style="list-style-type: none"> Approved by NMEG and will be forwarded to ENTSO-E

Conclusion:

- We will review NMEG 2022/205 at the next physical NMEG meeting to see if we should resubmit the MR.

11 Nordic characters in www.ediel.org

I see on the page <https://ediel.org/nordic-ecp-edx-group-nex/> that "ÄÖÅ" (or ÅÄÖ as we write in Sweden) does not work.

Conclusion:

- Seems to work after all.

But it also applies to some other signs on other pages, see e.g. <https://ediel.org/purpose/>

Action:

- Ove will make the link at the bottom of the Purpose page "only a link".

Item closed.

12 Report from JWG, with a special focus on datahub topics (fixed item on the agenda)

Background: The Joint Working Group (JWG) is formed from experts being nominated by the DSO Entity and ENTSO-E. In addition to those experts, three different Task Forces (TFs) with nominated representatives from both organisations have been created with the aim of supporting the goals of the JWG. The main tasks of these TFs are:

TF1: "Monitoring Implementing Regulations (MIR)"

- Develop guidance to assist Member States in reporting national practices concerning access to metering data.
- Collect and monitor national practices on the implementation of the reference models for this access.

TF2: *“Developing Implementing Regulations (DIR)”*

- Contributing to developing future implementing acts: customer switching [change of supplier] and demand response.

TF3: *“Data Interoperability Modelling (DIM)”*

- Keep a repository (roles, use cases and information objects) and ensure consistency of the reference models in the Implementing Acts.
- Map the reference model to standard models and, when necessary, propose amendments, extensions, and profiles for these standard models.
- Interact and collaborate with standardization organizations.

References (links): [Call for members of the stakeholders’ panels for the JWG TFs](#)

What to decide,

discuss or inform: Status in the TFs.

Noting new reported – to be continued.

13 Ediel.org Mysql issue

Background: www.ediel.org was down for some hours in July and it seems like the issue was around Mysql. The Mysql user we were using was deleted since it was stored under an old domain - 96873_edieltest - (edieltest.org).

www.ediel.org is working now, but we should setup a new Mysql directly under the Ediel.org domain and move the tables/data from the old DB over to www.ediel.org.

References (links):

What to decide,

discuss or inform: Status for moving Mysql to www.ediel.org.

Ove had as action asked Webhuset (the www.ediel.org host) what it will cost to setup a new Mysql directly under the www.ediel.org domain and move the tables/data from the old DB over:

Mail from Webhuset July 11th, 2023:

“Seems like the issue was around Mysql, the Mysql user you were using was deleted since it was under an old domain: 96873_edieltest - (edieltest.org). It should be working now, but I do recommend you to setup a new mysql directly under the domain and move the tables/data from the old DB over.”

Mail from Webhuset September 24^t, 2024:

“What was done in the past was simply that we moved the database to edieltest.org over to ediel.org. This was done without invoicing as the "test domain" had been terminated and thus created problems in relation to the underlying database.

In other words, the original database is now under ediel.org in its entirety and is connected to the running website. In other words, it may seem that you do not need to do anything. Upgrading from old to new MySQL version is something we at Webhuset do automatically for our customers, so if all content and functionality is as you want, you do not need to order a new assignment.”

Item closed.

contracts in EIM, in Elhub system we keep no details of contracts. I.e. Elhub system can see all providers (history and current ones) related to certain metering point, but no details on contract level apart from start/end dates. Details on contracts can be found at respectable grid owner / balance supplier.

From Mario:

In terms of generating XSD schema from EA and **xsd:unique** construct:

- What is it: https://www.w3schools.com/xml/el_unique.asp
- EA not supporting it:
https://sparxsystems.com/enterprise_architect_user_guide/15.2/model_domains/model_xsd.html

So, per today we must manually intervene in some XSD files using this construct. So, if CIM Contextor can help in this case, I am more than willing to learn it and test it.

Conclusion from discussion with Svein September 5th:

- NTC will investigate the ENTSO-E network code extension to the CGMES model and try mapping the Elhub (and Danish, Finish and Swedish if applicable) Information Model to CGMS.
- Questions will be raised to Svein when needed.

Ove had updated the Request change of supplier mapping, including:

- Making separate MarketParticipant and MarketRole ABIEs for the Linked_MarketParticipant/ Linked_MarketRole associations.

Some questions/comments:

- We must do a review of the «compounds» to see which compounds and attributes we need:

«compound» (and attributes)	Usage	Available in ESMP	Needed by Nordic hubs
StreetAddress			
streetDetail	Used in all countries	Yes	
TownDetail	Used in all countries	Yes	
Status			
postalCode	Used in FI+NO	Yes	Yes
poBox	Used in FI		Yes
language		Yes	
StreetDetail			
Number	Used in DK+FI+NO		Yes
Name	Used in DK+FI+NO		Yes
Suffix			
prefix			
type			
code	Used in DK+FI+NO		Yes
buildingName			
suiteNumber	Used in DK+FI+NO		Yes
addressGeneral		Yes	
addressGeneral2		Yes	

«compound» (and attributes)	Usage	Available in ESMP	Needed by Nordic hubs
addressGeneral3		Yes	
withinTownLimits			
floorIdentification	Used in DK+FI	Yes	Yes
TownDetail			
code	Used in DK+NO		Yes
section	Used in DK+NO		Yes
name	Used in FI+NO	Yes	Yes
stateOrProvince			
country	Used in DK+FI+NO	Yes	Yes

- The associations end role names at the Name class are sometimes named “Names” and sometimes “Name” – We must verify the correctness of the model when we have a new version of CIMConteXtor
- We should remove unused attributes from UsagePointLocation

Action from previous NTC:

- Teemu will verify if the MarketAgreement/Customer_UsagePointLocation fits the datahub model.
- Ove will look in the “EC IR for access to metering and consumption data, <https://eur-lex.europa.eu/legal-content/EN/TXT/HTML/?uri=CELEX:32019L0944> etc. to see if he can find better terms for “household” and “company”?

Conclusion:

- We replace “Household” with “Household customer”
- We replace “Company” with “Company customer”
- And will come back on the issues when someone has a better idea.

To remember items:

- The associations end role names at the Name class are sometimes named “Names” and sometimes “Name” – we must verify the correctness of the model when we have a new version of CIMConteXtor.
- We should remove unused attributes from UsagePointLocation
- NTC will investigate the ENTSO-E network code extension to the CGMES model and try mapping the Elhub (and Danish, Finish and Swedish if applicable) Information Model to CGMS. Questions will be raised to Svein when needed.

Action:

- Teemu will verify if the MarketAgreement/Customer_UsagePointLocation fits the datahub model.
- Ove will add Nordic extended compounds to the model

15.2 Report from NTC meeting September 18th

Present: Bent Atle, Christian, Jan (DK), Ove and Teemu K.

The main topic at the meeting was starting on making proposals for CIM documents for Confirm and Reject change of supplier + Notify change of supplier to old Energy Supplier and Grid Access Provider.

To remember items:

- The associations end role names at the Name class are sometimes named “Names” and sometimes “Name” – we must verify the correctness of the model when we have a new version of CIMConteXtor.
- We should remove unused attributes from UsagePointLocation
- NTC will investigate the ENTSO-E network code extension to the CGMES model and try mapping the Elhub (and Danish, Finish and Swedish if applicable) Information Model to CGMS. Questions will be raised to Svein when needed.

Action:

- Teemu will verify if the MarketAgreement/Customer_UsagePointLocation fits the datahub model.
- Ove will add Nordic extended compounds to the model
- Ove will make draft proposals for CIM documents for “Confirm and Reject change of supplier” + “Notify change of supplier to old Energy Supplier and Grid Access Provider” in the BRS for change of supplier.

15.3 Report from NTC meeting October 3rd

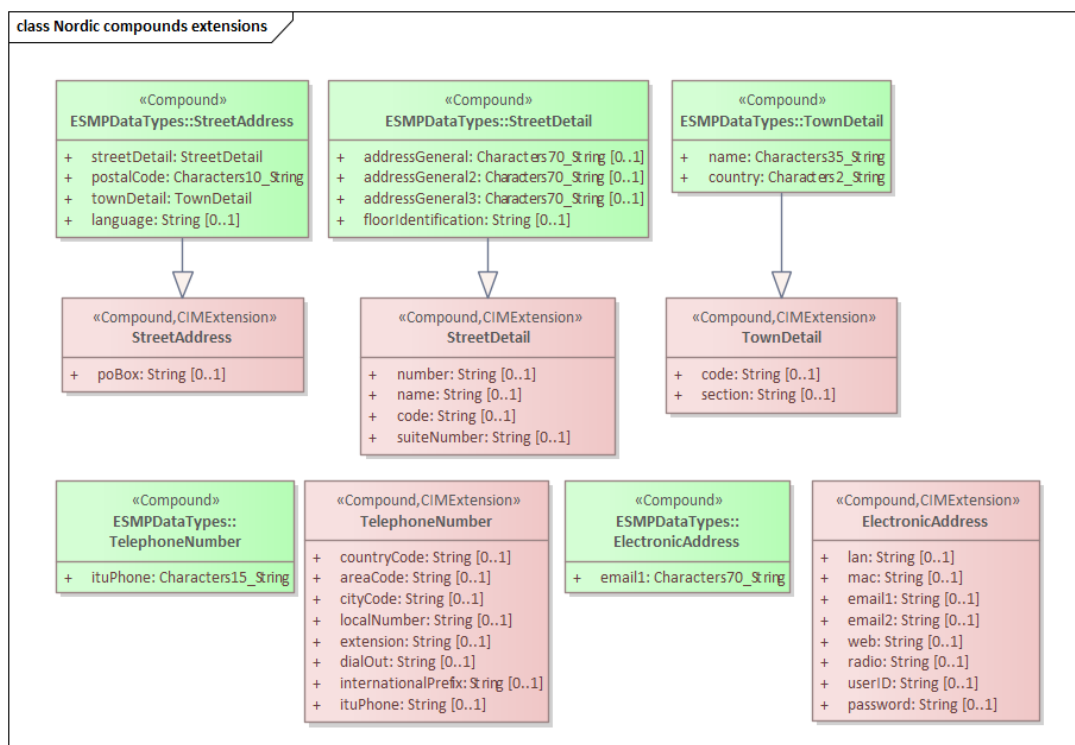
Present: Christian, Jan (DK), Jan (SE), Mario, Ove and Teemu K.

15.3.1 New IT address for www.ediel.org

Jan (dk) informed that Energinet is working on update of the IP address of www.ediel.org. The IP address must be updated by the end of this week (October 4th) at the [Team.Blue](#) registrar, because the web host (Webhuset) has moved www.ediel.org to a new server.

15.3.2 Nordic compounds extensions

Ove had made extensions to the three compounds StreetAddress, StreetDetail and TownDetail, ref table from previous NTC meeting (see above).



However, Ove couldn't get the extended compounds to work with CIMSyntaxGen (i.e. in the xml-schemas). During the meeting a new try was made and we found that we could use the "Edit an isBasedOn" function of CIMSyntaxGen to extend the compounds. However this updates the ESMP data types, hence the extensions must be added every time ESMP es updated.

15.3.3 [Review of proposals for CIM documents for](#)

Ove had as homework added the following documents to the Ediel BRS for change of supplier:

- a. Confirm change of supplier
- b. Reject change of supplier
- c. Notify change of supplier to old Energy Supplier and Grid Access Provider.

And generated the related xml-schemas.

However due to lack of time, a review was postponed.

15.3.4 [Review of CGMES](#)

Most of the meeting was used to review the EA CGMES model. It was proposed spending some time on making a first draft model of the grid part of the Elhub Information Model (EIM) during the first day of our physical meeting in Stockholm in the end of October. The proposal was to start with:

- Defining a new (extension) class called GridArea:
 - GridArea was proposed inheriting from Market/Domain
 - SchedulingArea and MeteringGridArea was proposed inheriting from GridArea

Action:

- Teemu will continue verifying if the MarketAgreement/Customer_UsagePointLocation fits the Finnish datahub model.
- Ove will add Nordic extended compounds to the change of supplier documents

16 [Review of documents from CIM WG subgroups and IEC groups](#)

Background: At the NMEG meeting August 2020 it was agreed that NMEG needs to be more proactive regarding commenting on new ENTSO-E and IEC documents. Hence it is added a fixed item on the NMEG agenda for review of documents from CIM WG subgroups and IEC groups that is of interest for the Nordic market.

References (links):

What to decide,

discuss or inform: Review of documents from CIM WG subgroups that is of interest for the Nordic market.

16.1 [Prepare Nordic positions before coming CIM WG meetings](#)

Nothing new reported – to be continued.

17 [Information \(if any\)](#)

Nothing new reported – to be continued.

18 Next meetings

NMEG:

- Tuesday October 22nd and Wednesday October 23rd at Svenska kraftnät's offices in Sundbyberg
- Monday December 16th, 11:00 – 14:00
- Tuesday January 28th and Wednesday January 29th at Fingrid's offices in Helsinki

NTC:

- Friday October 25th, 09:30 – 11:30
- Thursday October 31st, 12:00 – 14:00

19 AOB

No items.

Appendix A Overview of Nordic memberships in international standardisation bodies

Name	Member of
Anne Stine	NMEG
Christian	NMEG
Edel (SE)	DIA, TF3
Fedder	NMEG, CIM WG, IEC/WG16, CSSG, EEAT, ENTSO-E CIM tools, CIO/LIO
Jan (DK)	DIA, NMEG, IEC/WG16, TF2, TF3, DSS/557
Jan (SE)	DIA, NMEG, IEC/WG16+14, ESMP, TK57, TF2, TF3
Jon-Egil	DIA, NMEG, CIM WG, IEC/WG16, ESMP, CCC, CIO/LIO, NK57, TPC, TF3
Mario (NO)	DIA, NMEG, NK57, TF2
Oscar	CIO/LIO, CIM WG, TK57
Ove	NMEG, IEC/WG16, NK57, (TF3)
Svein (NO)	IEC/WG14+13, CGMES
Teemu H (FI)	NMEG, CIM WG, CIO/LIO
Teemu K (FI)	DIA, NMEG, TF2

Abbreviations:

CCC	Coordinated Capacity Calculation (project under CIM WG)
CGMES	Common Grid Model Exchange Standard (subgroup under CIM WG)
CIO/LIO	Central Issuing Office / Local Issuing Office
CSSG	Communication Standards (subgroup under CIM WG)
Dc	ENTSO-E Digital committee
DIA	ENTSO-E WG Data Interoperability & Access
DS S-557	Danish national IEC committee
EEAT	ENTSO-E Enterprise Architecture Team (subgroup under Dc)
ESMP	European Style Market Profile (subgroup under CIM WG)
MC	ENTSO-E Market Committee
MIT	Market Integration and Transparency (subgroup under MC)
NK57	Norsk Elektroteknisk Komite (Norsk Komité 57)
NEX	Nordic ECP/EDX Group
TF2	JWG, Task Force for the Development of the Implementing Regulations foreseen in Article 24 of the Directive (EU) 2019/944 and Reference Models (DIR)
TF3	JWG, Task Force for Data Interoperability Modelling (DIM)
TK57	Teknisk Komité 57
TPC	Transparency Platform Coordinators (subgroup under MIT)