


<b>Minutes MDS meeting February 7<sup>th</sup> and 8<sup>th</sup>, 2018</b>	 <b>European forum for energyBusiness Information eXchange</b>
February 12 <sup>th</sup> , 2018	<b>MDS</b> (ebIX® working group for <b>Master Data Structuring and harmonisation in the European energy market</b> )

### Minutes – MDS project meeting

**Date:** Wednesday and Thursday February 7<sup>th</sup> and 9<sup>th</sup>, 2018

**Time:** 09:00 – 17:00 (18:00?) and 9:00 – 16:00

**Place:** Edisys Offices in Oslo

**Present:** Christian, DK  
Gerrit, NL  
Joachim, DE  
Kees (first day), NL  
Ove, NO  
Preben, DK  
Stefan, BE  
Torleif, NO

**Appendix A** MDS Work plan

**Attachments:** None

### \*\*\* Main items day 1 \*\*\*

#### 1 Approval of agenda

The agenda was approved with addition of the following items:

- Defining a structure for the “ebIX® File Manager”, see item 11.3;
- Request from ETC, see item 13.1 under AOB.

#### 2 Approval of minutes from previous meeting

The minutes from previous meeting were approved.

#### 3 Status of and Questions (if any) from the Flex project

One GoToMeeting since previous MDS. The project is working on a BRS for distributed flexibility processes.

**Action:**

- Joachim will verify if Claus Fest still is a member of the project;
- Stefan will contact Elia and Synergrid to see if they will be interested in contributing and/or becoming a member of the ebIX® distributed flexibility project.

#### 4 Status for MR for a Party Administrator

Ove had as action from previous meeting sent the MR to ETC for review and submission to the HG. However, there was no time at the previous ETC meeting to review the MR, hence the item was postponed until next ETC (which is before next HG).

An updated document is available at the ebIX® File Manager under “MDS/Working documents”.

#### 5 Status of the survey from Germany (Suppliers change within 24 hours)

Under this item a survey was drafted that Kees could use for sending to EG1 member countries related to change of supplier and exchange of master data processes. Some proposals from the discussions:

- The ebIX® change of supplier model (BRS) may be used as a reference model:
  - To make it easier readable for business people, the information in the BRS should be limited, e.g.:
    - In the Business Domain View; only the top level UseCases and related definitions. Add a column “Used nationally” to the definitions.;
    - Skip the Business Partner View;
    - In the Business Entity View, simplify the class diagrams by merging the «Business Entity» and the “Additions” and “Async Additions”, where applicable. Skip State diagrams. In the element definitions, add a column “Used nationally”.

Kees reported from an IEC meeting the week before where the “My Energy Data” project was discussed. During this meeting the “My Energy Data” project was asked to model “customer consent” instead of exchange of metered data. Further, Kees proposed that ebIX® should create a project for giving input to the “My Energy Data” project. If possible in cooperation with the IEC “My Energy Data” project. The proposal is further elaborated under item 11.1.

**Action:**

- The countries not having filled in the survey from Germany (Suppliers change within 24 hours) are asked to do so;
- Ove will send the questionnaire from Germany to Croatia, Finland, Poland and Slovenia.

An updated document is available at the ebIX® File Manager under “MDS/Working documents”.

#### 6 Finalisation of BRS for “rearrange Metering Points between grids” (“Request change grid responsibility”)

Ove had as action from previous meeting gone through the “BRS for rearrange Metering Points between grids” and update it with the changes made in the old BRS during the previous meeting.

During this item a few rules were agreed:

- UseCases not further elaborated by ebIX® shall be in red colour and stereotyped «Not elaborated»;
- UseCases elaborated in another ebIX® BRS shall be in blue colour;
- Elaborated UseCases shall be in yellow colours.

The BRS was reviewed and updated.

**Action:**

- Ove will clean up the BRS;
- The BRS will be sent to MDS for 14 days of commenting and thereafter to ebIX® Forum for four weeks, before publication.

An updated BRS is available at the ebIX® File Manager under “MDS/Working documents”.

## 7 Finalisation of BRS for change of BRP (bulk change of BRB)

Ove had as action from previous meeting updated the ebIX® model according to the changes in the BRS for bulk change of BRP from previous meeting. This implies the following changes to the ebIX® model that must be handled by ETC:

- 1) Addition of a new Area ABIE:

Area
+Type of Area [1]
+Identification1 [1]

- 2) Addition of a Type of Area enumeration:

TypeOfAreaCode
A01{codeName = "Metering Grid Area"}
A02{codeName = "Market Balance Area"}
A03{codeName = "Country"}
A04{codeName = "Calorific Value Area"}
A05{codeName = "Aggregated Reception Station"}

The BRS was reviewed and updated.

### Action:

- Ove will clean up the BRS;
- The BRS will be sent to MDS for 14 days of commenting and thereafter to ebIX® Forum for four weeks, before publication.

An updated BRS is available at the ebIX® File Manager under "MDS/Working documents".

## 8 Decide what to do with the BRS for Alignment of Area Characteristics

The BRS was reviewed and updated.

### Action:

- Ove will clean up the BRS;
- The BRS will be sent to MDS for 14 days of commenting and thereafter to ebIX® Forum for four weeks, before publication.

An updated BRS is available at the ebIX® File Manager under "MDS/Working documents".

## 9 Review of Change of Supplier and Move BRS

The item was postponed and moved to ebIX® Business Group (EBG).

## 10 Continue high-level impact analyses regarding the General Data Protection Regulation (GDPR)

Ove had as action from previous meeting added rows per country to the second part of the document, finalised the explanation to the questionnaire and distributed it to MDS.

Thereafter all countries were asked to fill in their respective reason column. However, only Germany had done so (filled in their column).

It was agreed that countries not able to fill in their column with the admissible reasons (1-6), can use the alternative to fill in "X" for data elements that will be exchanged after May 25<sup>th</sup>, 2018.

**Action:**

- All that haven't already filled in the questionnaire are asked to do so;
- When Gerrit present the GDPR status at the next ebIX® Forum meeting, he will propose:
  - To delete all minutes older than 3 years from the ebIX® web site, to avoid publication of persons that haven't confirmed that their name is published at the ebIX® web site;
  - To remove all e-mail addresses from the member lists at the ebIX® web site;
  - That ebIX® (Ove) send a mail to all persons listed as members of an ebIX® group and ask them to confirm that publication of their names are OK.

An updated document is available at the ebIX® File Manager under "MDS/Working documents".

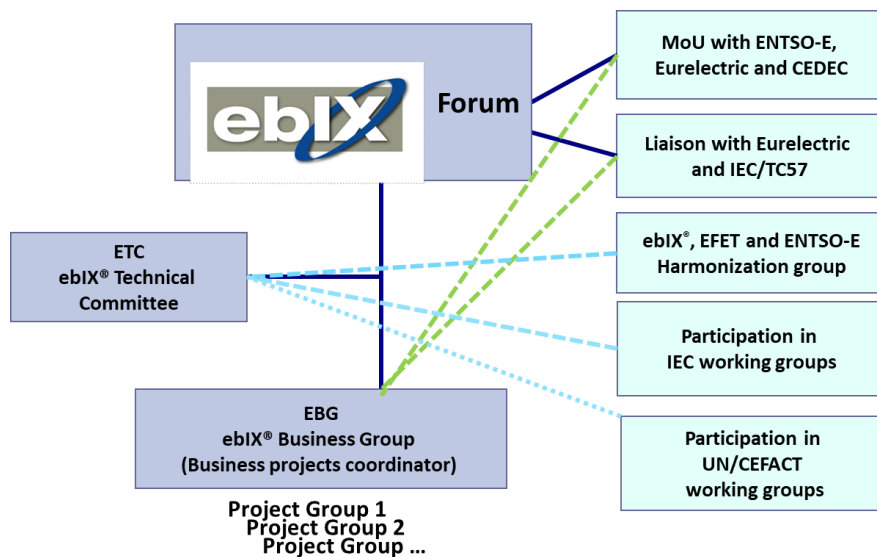
**\*\*\* Main items day 2 (depending on the Forum's decision) \*\*\***

**11 Start-up of the new EBG group (ebIX® Business Group)**

To streamline business activities and get good focus on the right developments it is suggested that:

- There should be one group, directly linked to the ebIX Forum, responsible for all the business part of the ebIX® work, acting as a kind of umbrella for the Forum for all business projects. This group will be called the ebIX business group (EBG);
- EMD and MDS are (more or less) 'merged' into EBG;
- EBG will act as a project coordinator that keeps track of all ebIX® business work and reports to the Forum;
- EBG makes project proposals that may lead to projects, based on the priorities and decisions of the Forum;
- Project proposals (incl. time plan, goal, deliverables) will be send to the Forum for decision and as a call for participation;
- There should be at least 4 countries participating per project;
- There must at least be 2 EBG members in each project;
- Preference is that EBG provides the chair for the project groups;
- Project groups report to EBG and the results of a project group are handed over to EBG;
- Maintenance of existing business documents and models is the responsibility of EBG;
- EBG can make surveys among participating countries on different subjects.
- From ebIX® Forum telco January 2018:
  - Having more and smaller projects, with EBG as a coordination group, will give a more flexible structure than having the two permanent WGs (EMD and MDS);
  - EBG should be an umbrella group, among others with the following tasks:
    - Propose new projects for ebIX® Forum;
    - Prepare status presentations for the Forum;
    - Coordinate the work in the ebIX® projects and prepare project plans with and for the ebIX® projects;
    - Do smaller maintenance tasks on documents from finalised projects;
    - Prepare surveys for member countries.
  - EBG is expected to meet about four to six times a year (similar to MDS);

- It is not expected to be many projects (currently there are four possible projects), hence the workload for EBG shouldn't be too heavy;
  - The supervising of ebIX® projects will still be done by ebIX® Forum;
  - It must be decided if EBG should be an “expert group” or a more “supervising (coordination)” group with a maintenance responsibility.
  - EBG is not a “project manager”, but a facilitator, inspirator and coordinator. The expertise should be business related.
- Proposal for new structure:



### 11.1 Come up with proposals for new projects (and formats for it) to be handled by temporary working groups

Each EBG project shall have a project proposal of one to two pages including goal, scope, deliverables and time plan.

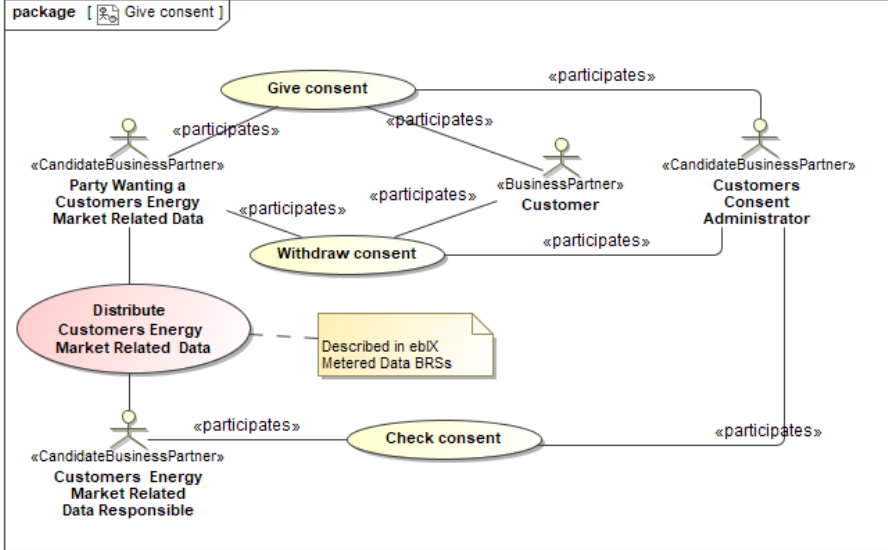
For some examples of (potential) projects that will have enough impact (size) to be launched as a separate project:

1. Flexibility project: model a high-level process with data-exchange for general flexibility products. This project recently started as a separate project after Forum approval;
2. Party project: model party administration for the diverse parties (roles) we have;
3. Hub project: Model the existing business processes into processes with a central datahub. This should include the complete lifecycle of a Metering Point;
4. Combined grid and supply billing (invoicing): model the grid- (and maybe other role-) billing for supplier-central billing. This project was already prepared a bit by MDS and EMD;
5. Customer consent: Making input to the IEC “My Energy Data” project.

Smaller projects, that can be seen as a kind of maintenance projects, will be handled within EBG.

Two of the potential projects above were further elaborated:

<b>Project proposal:</b>	<b>ebIX® customer consent project</b>
<b>Description:</b>	There is an ongoing IEC/TC57/WG16 project; “My Energy Data” that originally intend to:

	<p>“make a generic description of services to offer customers (residential, municipalities, ...) the possibility of downloading their energy consumption information and granting access to third parties to that information to enable service providers to offer analytical and other services to customers (residential, municipalities, ...)”.</p> <p>The scope was later changed to only concern exchange of metered data to third parties. However, after an IEC meeting end of January 2018, it seems that the focus again has changed to making a standard for how to deal with customer consent, including how to handle third parties in a Metering Point administration. The project is initiated by the EU Smart Grid Task Force (SGTF) / Expert Group 1 (EG1) and CENELEC. The result is meant to be a European standard that can be followed by all European countries.</p>
<p><b>Reason:</b></p>	<p>The GDPR enforces explicit customer consent before exchanging privacy related data from the Customer to parties that do not have access to that data by other legal reasons.</p> <p>The project is within the European downstream energy market, hence fits the ebIX® domain and can be used to give ebIX® a good position in the EU.</p>
<p><b>Goal:</b></p>	<p>Make an ebIX® BRS for how to handle customer consent related to access to data from entitled parties, including, but not limited to, Balance Suppliers, third parties (ESCOs) and Aggregators.</p>
<p><b>Scope:</b></p>	<p>Information exchange related to Customer consent information within the European energy market.</p>
<p><b>Deliverables:</b></p>	<p>A BRS elaborating the UseCases below:</p>  <pre> graph TD     subgraph package [Give consent]         UC1((Give consent))         UC2((Withdraw consent))         UC3((Distribute Customers Energy Market Related Data))         UC4((Check consent))                  Actor1[Party Wanting a Customers Energy Market Related Data]         Actor2[Customer]         Actor3[Customers Consent Administrator]         Actor4[Customers Energy Market Related Data Responsible]                  Actor1 -- «participates» --&gt; UC1         Actor2 -- «participates» --&gt; UC1         Actor2 -- «participates» --&gt; UC2         Actor3 -- «participates» --&gt; UC1         Actor3 -- «participates» --&gt; UC2         Actor4 -- «participates» --&gt; UC3         Actor4 -- «participates» --&gt; UC4         UC1 -- «participates» --&gt; UC2         UC3 -- «participates» --&gt; UC4     end </pre> <p>Described in ebIX Metered Data BRSs</p>
<p><b>Time plan:</b></p>	<p><b>Start:</b> ASAP <b>End:</b> August 2018</p>
<p><b>Requested expertise:</b></p>	<p>Business people understanding processes related to access to data.</p>

<b>Project proposal:</b>	<b>ebIX® Hub project</b>
<b>Description:</b>	Extend the existing ebIX® business processes models to include a central datahub.
<b>Reason:</b>	A growing number of ebIX® member countries use or plan to use a data hub, but the ebIX® model doesn't cover this today.
<b>Goal:</b>	Making sure that the ebIX® model fits countries using or planning to use a data hub. The project includes the complete lifecycle of a Metering Point.
<b>Scope:</b>	All existing ebIX® BRSs and new BRSs for relevant processes not covered by existing BRSs.
<b>Deliverables:</b>	New and updated BRSs that include the option of having a data hub.
<b>Time plan:</b>	<b>Start:</b> Q4/2018 <b>End:</b> Q1/2020
<b>Requested expertise:</b>	Business data hub knowledge and in-depth knowledge of the existing ebIX® BRSs.

### 11.2 Determine a kind of working schema and schedule for EBG

The item was handled under the item above.

### 11.3 Defining a structure for the "ebIX® File Manager"

All participants at the meeting were given access to the ebIX® File manager. The participants were given both read and write access, while other members of MDS will be given read access. Observers and CC recipients will not be given access unless they explicitly ask for it.

Some rules:

- Working documents treated at a meeting will be stored under the meeting directory;
- The folder "working documents" shall contain the latest version of a document;
- When reviewing a document, track changes should be used and the reviewer's initials should be added as a suffix to the filename.

Christian Valland will be removed as member of MDS, since he never has participated in MDS meetings.

#### **Action:**

- Ove will make a document "proposal for how to use the ebIX® File Manager", based on the rules above and publish it at the root folder of the ebIX® File Manager;
- Ove will add the rest of the MDS members as users of the ebIX® File Manager with read access.

A proposal for how to use the ebIX® File Manager has been uploaded to the root folder ("home") of the ebIX® File Manager.

## 12 Meeting schedule

- Wednesday and Thursday April 4<sup>th</sup> and 5<sup>th</sup>, in Warsaw.
  - Topics for the meeting:
    - Preparation for ebIX® Forum (project proposals, EBG proposal, MDS status etc.);

- Review of (make a list of) “EBG Maintenance work”, including “Review of Change of Supplier and Move BRS” (item 9);
  - Review the result and finalise the surveys (see item 5 and 10);
  - Detail remaining projects (Combined billing and Party administration).
- Tuesday and Wednesday May 29<sup>th</sup> and 30<sup>th</sup>, in Frankfurt or Berlin;
  - Tuesday and Wednesday August 28<sup>th</sup> and 29<sup>th</sup>, in Maribor (confirmed by Boštjan);
  - Tuesday and Wednesday October 23<sup>rd</sup> and 24<sup>th</sup>, in Netherlands;
  - Tuesday and Wednesday December 18<sup>th</sup> and 19<sup>th</sup>, in Stockholm or Helsinki.

## 13 AOB

### 13.1 Request from ETC

ETC ask MDS to prioritise making BRSs for:

- Close down (demolition) of MP, sent from GAP to MPA to BS
- Request- and response update Metering Point party



## Appendix A MDS Work plan

#	Activity	Priority	Start	End
	Review and consider submission of a MR to the HRM for Gateway and Gateway Operator. The concept is not fully defined in the German market, hence a maintenance request for additions to the HRM has been postponed until summer 2018.	Summer 2018		
A)	Request- and response update Metering Point party, e.g. from Grid Access Provider, to the Balance Supplier (Party Administrator)			
B)	Master data for energy industry parties, such as BRPs and BSs			
C)	Combined grid and supply billing (invoicing), including MD for products, such as; grid fees, grid subscriptions, ...			
D)	“Switch of grid”, for instance a part of a Metering Grid Area (MGA), such as a village, that is transferred from one GAP and MGA to another	Under construction		
E)	Master data for domains, such as which MGAs that belongs to a MBA and related characteristics of these domains (can be changed after harmonisation of HRM and new domains from the network codes from ENTSO-E)	Under construction		
F)	Change of BRP in Metering Grid Area, “Price Area” or country (not at MP level) (Proposed by DK), i.e. a “bulk change of BRP (and/or BS?)”	Under construction		
G)	“Life cycle of a MP”, including <ul style="list-style-type: none"> <li>• how technical events interact with administrative processes and responsibilities</li> <li>• how to create and end MPs</li> </ul>			
H)	Efficient data alignment, including the possibility to request historical and/or future master data.	Low priority		
I)	The possible role of a datahub in the processes (Proposed by DK) <ul style="list-style-type: none"> <li>• Seen from the supplier side</li> <li>• Seen from the DSO side</li> <li>• Seen from the metering side</li> </ul> When adding a datahub to a market the datahub will replace the DSOs, to a large extend, i.e. the MPA will be the datahub. Among others, the proposal includes processes between the GAP and the MPA.	High priority		
J)	QA of the MDS model and consistency of the MDS and EMD models, such as: <ul style="list-style-type: none"> <li>• The MP parties should be linked to the MP instead of the “document”, to be in line with BIM and CIM</li> <li>• The discussion must include bulk switch, where we will have one party with multiple MPs</li> </ul>			