

 European forum for energy Business Information eXchange	Minutes EMD, September 22 <sup>nd</sup> and 23 <sup>rd</sup> 2010	
	EMD-36 - ebIX <sup>®</sup> Exchange of Metered Data	Status: approved

## Minutes Exchange of Metered Data Project, September 22<sup>nd</sup> and 23<sup>rd</sup> 2010

**Date:** Wednesday September 22nd 2010      Thursday September 23rd 2010  
**Time:** 09.00 AM – 18.00 PM                      09.00 AM – 15.00 PM  
**Place:** Swissgrid ag  
 Meeting room room SiZi 009  
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**Participants:** Vlatka Cordes  
 Jörg Ferchow  
 Preben Høj Larsen  
 Sacha Perret  
 Kees Sparreboom

**Documents:** actions done by ebIX<sup>®</sup> EMD

### 1. Opening

Vlatka opened the meeting

### 2. Approval of agenda

The proposed agenda was approved

### 3. Approval of the minutes

The minutes were approved

### 4. Action list

The action list was updated

### 5. Report from:

#### 5.1. ebIX<sup>®</sup> ETC

##### 5.1.1. status modeling and transformation

Kees reported the present status of ETC work:

- the transformation tool delivers consistent XML Schema's
- in order to make this possible a considerable effort had to be made with respect to improve the UML model on (important) details
- the results are visible in the draft documents for business information models for Measure Collect and for Measure for Imbalance Settlement and in the annexes with XML Schema's for these documents
- during the UN/Cefact Forum end of August the ebIX<sup>®</sup> issues have been resolved (except one) and the TMG documents will be updated accordingly. The one remaining issue will be presented to ATG (regards text in NDR about namespaces and prefixes in relation to import or include with respect to schema's for documents). A new issue arose during the Forum: how to handle constraints with OCL statements in the XML Schema's. In a discussion with ebIX, TMG and ATG it was agreed that the way ebIX<sup>®</sup> uses the constraints is OK and that XML constructs that result from the UML class plus constraint are to be regarded both as valid representations of the

same requirement. So for example an ABIE plus constraint(s) is regarded as identical to the derived ABIE in XML (though be it in another syntax).

5.2. ebIX® CuS

CuS intends to present the BRS's and the BIM's for change of supplier and for distribution of master data metering point before the next ebIX® Forum.

5.3. ebIX® website

The website has been improved and updated. The role model is now also available on the ebIX® website.

5.4. ENTSO-E

The discussions with ENTSO-E have led to a proposal for Terms of Reference (ToR) for 2 joint groups: one for the further development and maintenance of the role model and another for the common technical aspects (CC's and ....). It was also concluded that for these ToR it would be wise to also update the present MoU between ENTSO and ebIX. These two proposals now have to be approved by both organizations. It was planned that the first reaction would be given by the ENTSO Market Committee (MC). Till now there has not been any reaction by the ENTSO-E MC.

5.5. National developments

**DE:**

For Gas new balancing rules will come into effect in 2011;

The metering market will be opened in Oct 2011;

From April 2011 BDEW 3rd package requirements for the market are to be introduced (to be completed before March 2013) (Remark: therefore would be nice if CuS comes up with a recommendation for the missing processes (like change in MP-characteristic before April 2011))

**DK:**

Data hub project prequalified 6 companies, a decision on the preferred supplier is expected by the end of November;

All communication based on web services;

Implementation planned to be finished before April 2012;

Required deadline for the change of supplier process will be then 2 weeks;

New topics: how to handle e-Vehicles (suggestion: specify a virtual meter (= like an account on a plastic card). This leads to a quest for proper ID's for (virtual) meters.);

**CH:**

VSE works on harmonizing the internal processes within Balance Responsible/Balance Supplier with regard to the Balance Groups;

labelled energy: energy flows (input and output) are netted now for green production (as a consequence combined MP's are likely to be introduced);

**DE + CH:** We added items from this overview to the work plan

**NL:** no new developments.

5.6. SAP Utilities Conference: no date fixed yet.

## 6. Updated Business Requirements (UMM-2)

6.1. BRS Measure for Collected Data

Some small changes have been made to the document:

- The diagram for the business partners now also includes the harmonized roles to which the business partners are mapped;
- The class diagram for Collected Data has been slightly modified;
- The Activity Diagram for Request Collected Data has been brought in line with other Activity Diagrams for requests
- The introductory paragraphs have been simplified and made more consistent

6.2. BRS Measure for Imbalance Settlement

- The introductory paragraphs have been simplified and made more consistent (see also BRS Measure for Collected Data);
- Validated Data For Aggregator: cardinality for Energy\_Quantity changed into 1
- Validated Data For Balance Responsible: cardinality for Energy\_Quantity changed into 1

- Aggregated Data per MGA for Imbalance Settlement to Balance Responsible: cardinality for Energy\_Quantity changed into 1
- Aggregated Data per MGA for Imbalance Settlement to Settlement Responsible: cardinality for Energy\_Quantity changed into 1
- Aggregated Data per neighboring grid for Imbalance settlement to neighboring aggregator and to settlement responsible: cardinality for Energy\_Quantity changed into 1

## 7. ebIX® Models (UMM-2)

### 7.1. Introduction for ebIX® Business Requirements and Business Information Models (both CuS and EMD)

Present version is approved by ebIX® EMD with one request: add an extra explanation for the interpretation of the activity in the BRS (does not reflect the actual exchange, but the changes in shared states as a result of the exchange.) For publication ebIX® ETC is responsible. Kees will inform ebIX® ETC (**action: Kees**)

### 7.2. Measure for Collected Data

To be approved by ebIX® ETC, but no comments from ebIX® EMD.

### 7.3. Measure for Imbalance Settlement

To be approved by ebIX® ETC, but no comments from ebIX® EMD.

### 7.4. XML schema's

#### 7.4.1. Generic XML schema for exchange

#### 7.4.2. Validation XML schema per exchange

To be approved by ebIX® ETC, but one comment from ebIX® EMD: shouldn't we just publish the XML Schema's itself instead of the description in Word documents? However ebIX® EMD could agree to the present way of publication, since we see that this way will allow more "intelligible" information for the business to link the resulting XML Schema picture to the BRS class diagram. Kees will inform ebIX® ETC (**action: Kees**).

## 8. Business requirements for Measure for Labelling

Comments and changes:

- The exchange of validated data for Labelling to the Producer was removed.
- The request for validated data for Labelling was removed.
- The most likely periodicity for the exchange of validated data for Labelling is kept as once per month (see UseCase Measure for Labelling), but all EMD members are asked to check this in national regulations. (**action: all**)
- Note: after the meeting ebIX® ETC decided to use another format for all BRS and BIM documents. The lay-out for the BRS and BIM for Measure for Labelling will updated accordingly.
- Kees will prepare and updated version of the document (**action: Kees**).

## 9. Harmonized Role Model

### 9.1. Physical parts linked to Harmonized Role Model (see draft proposal as distributed for previous meeting; input Mr. Bolder?)

Not discussed because of lack of time.

### 9.2. Roles for labelling (see also AIB proposal as distributed for previous meeting)

ebIX EMD accepts the proposed sub-section of the Role Model using basically the AIB proposal as the best option for roles to be used that is available at the moment. Vlatka will contact AIB in order to start the work on a final definition of roles regarding the issuance of certificates (**action: Vlatka**) and Kees will inform ebIX ETC with respect to the introduction of this sub-section of the Role Model into the overall Introduction to ebIX models (**action: Kees**).

## 10. Work plan for next meetings

- Meetings
  - Meeting 37: November 10<sup>th</sup> and 11<sup>th</sup> in Walldorf, Germany (SAP)

- Meeting 38: doodle for dates in: January 18<sup>th</sup> – 20<sup>th</sup> or 25<sup>th</sup> – 27<sup>th</sup>  
(Note: the result of the Doodle poll: meeting 38 will be on January 18<sup>th</sup> (Tuesday) and 19<sup>th</sup> (Wednesday) 2011).
- Topics:
  - Priority 1: Reconciliation
  - Priority 2: Billing

### 11. Any other business

Note: TenneT email addresses change: use of eu-extension instead of org and use of full names. For a limited period of time mails using old addresses will be redirected.

## Appendix A PARTICIPANTS IN EBIX<sup>®</sup> METERED DATA PROJECT

### Members

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## Appendix B OPEN ACTIONS

	Action	Name	Planned end date	End date
34.3	Find representatives from gas sector for EMD	All	35?	
34.4	Contact AIB with respect to labeling and physical parts of the role model	Vlatka	35	
35.1	Remind Danish members to answer question in minutes EMD 34 item 5.	Kees		
35.2	answer question in minutes EMD 34 item 5	Christian/Preben	36	

35.3	Monitoring ebIX <sup>®</sup> representation at SAP Utility conference	Vlatka/Jörg	none	
36.1	Inform ebIX <sup>®</sup> ETC about the required adding of an explanation on BRS activity diagrams in the overall Introduction	Kees	37	
36.2	Inform ebIX <sup>®</sup> ETC about the wishes regarding the publication of XML Schema's	Kees	37	
36.3	Update BRS Measure for Labelling	Kees	37	
36.4	Contact AIB regarding the role model sub-section for labelling (see also 34.4)	Vlatka	37	
36.5	Inform ebIX <sup>®</sup> ETC about the introduction of the role model sub-section for labelling into the overall Introduction	Kees	37	

### Appendix C ACTIONS MOVED TO LIST "DONE"

	Action	Name	Planned end date	End date
35.4	Add in all BRS documents a paragraph defining the "roles and domain in this model"	Kees	36/37	36
35.5	Update references to other documents in BRS	Kees	36/37	36
35.6	Improve structure Activity Diagrams containing the combination of exchange and request	Kees	36	36
35.7	Add negative response to "Request Aggregated Data per neighbouring grid"	Kees	36	36
35.8	Distribute "BRS Measure, Collected Data" to ebIX <sup>®</sup> ETC for modelling the BCV and BIV.	Kees	36	36
35.9	Distribute "BRS Measure for Imbalance Settlement" to ebIX <sup>®</sup> ETC for modelling the BCV and BIV.	Kees	36	36
35.10	Distribute "BRS Structure Master Data MP for measure processes" to ebIX <sup>®</sup> CuS for inclusion in overall BRS-document.	Kees	36	36
35.11	Distribute "BRS Structure Master Data Meter/Register for measure processes" to ebIX <sup>®</sup> CuS for inclusion in overall BRS-document.	Kees	36	36

### Appendix D ACTIONS MOVED TO LIST REMOVED


### Appendix E ACTIONS TRANSFERRED TO OTHER GROUP
