## Agenda 7th User Group conference call
20/03/2018 09:30-11:00 CET

<table>
<thead>
<tr>
<th>TIME</th>
<th>AGENDA ITEM</th>
<th>PRESENTER</th>
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<tr>
<td>09:30 – 09:40</td>
<td>1. Welcome, agenda</td>
<td>Mark Pickles</td>
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<tr>
<td>09:40 – 09:50</td>
<td>2. Project status update</td>
<td>Mark Pickles</td>
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<td>09:50 – 10:35</td>
<td>3. Feedback trial period</td>
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<td></td>
<td>a) Feedback market parties</td>
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<td></td>
<td>b) NEMO’s view (implicit trading)</td>
<td>Espen Døvle, Nuria Trancho, Pierre Milon</td>
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<td>c) RTE’s/Amprion’s view (explicit trading)</td>
<td>Bruno Lemetayer, Dirk Rauschenbach</td>
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<td>10:35 – 10:50</td>
<td>4. XBID performance</td>
<td>Vladimir Satek</td>
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<td>10:50 – 11:00</td>
<td>5. Wrap up, next steps</td>
<td>Vladimir Satek, Mark Pickles</td>
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Agenda

1. Welcome, agenda
2. Project status update
3. Feedback trial period
4. XBID performance
5. Wrap up, next steps

09:40-09:50
2. Project Timeline – High Level Delivery Plan until Go-Live

Release 1.0
- XBID Core Development
- DBAG SM* Specification
- XBID Test (FAT-IAT)
- Functional Specification
- XBID DBAG Functional Specification
- SM* Development
- SM Test

Release 1.2
- UAT 1 (Functional)
- UAT 3 (Integration)
- UAT 5 (Fallback)
- UAT 2 (Performance)
- UAT 4 (Simulation)

Testing May-Aug
- Security tests
- UAT Preparations
- UAT 1 (new functionalities.), UAT 3 (reduced) & regression tests

Release 1.3 & 1.4 Testing
- Sept 17 – April 18
- UAT 1, 2 & 3
- UAT 5
- UAT 4

First LIPs Target
- Go-Live 12th/13th June 2018

LIP Testing Preparations
- LIP Testing Execution

Go-Live Preparation
- Go-Live Window

*SM – Shipping Module
2. High Level Go Live Plan

Planning for major activities with exception of legal tasks

- LIP testing on R1.2: 31/7/17, 15/9/17, 22/9/17, 22/01/18
- Env. Of Central system ready: 11/8/17
- Additional security test: 05/12/17
- Release 1.2: 11/8/17
- LIP testing on R1.3: 22/9/17, 22/01/18
- Certification of the central system: 01/12/17
- Finalization of the XBID configuration: 5/18
- TP Preparation: 26/2-2/3/18
- TP 1st run: 27/04/18
- TP 2nd run: 14-18/5/18
- Release 1.4 including E2E: 30/03/18
- First delivery day of XBID = 13/06/2018

IT & Testing activities

Operational activities & General support

- Operational Training - Planning: 15/01/18
- Operational Training - Execution: 23/2/18
- Go Live check lists and scripts, Roll-back & Roll forward procedures: 28/02/18
- Go-Live Plan Validation: 30/03/18
- First LIPs Go-Live Q2 2018

- Completed
- Rescheduling
- In progress
- Planned
- LIP scope
2. XBID Progress since Pre-Launch Event

- **Release 1.4 testing** (fixes for latent faults etc.) is underway, progressing to plan and due to complete on 17th April
- The **all NEMO and all TSO legal agreements have been finalised** (excepting cost sharing and recovery clarifications awaited from NRAs)
  - Workshop held with NRAs on 19th March to address this
- Extensive **Go-Live preparation** activities are underway and **Go-live activities** are agreed
- An **Information Package** has been submitted to NRAs following a request received from ACER. It was also communicated to stakeholders (including the User Group)
- **Operational training** has been undertaken – good progress achieved
- **Accession Stream** Management Events continue to be held to ensure continual collaboration and interface with the central project
  - 2nd wave LIPs plan is in place and tracked
- The first **Trial Period** was undertaken
- **Main risks for achieving go-live** include:
  - Outstanding clarifications on cost sharing/recovery preventing IDOA signature
  - All parties confirming that they will sign the IDOA
  - ECC/NP Cross clearing agreement not reached
  - Readiness of all parties and successful completion of testing
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4. XBID performance
5. Wrap up, next steps
3. Trial Period – extended opportunity for the Market Participants

• Background:
  – In order to ensure a smooth transition to the XBID Solution 2 Trial Periods were offered to Market Participants.
  – The results of the 1st Trial Period has shown that not all Market Participants were able to finalize their internal process which limited Market Participants in the 1st Trial Period.
  – Project parties consider that readiness of the Market Participants for the go-live is important for the overall success. Therefore project parties have agreed to offer an extended opportunity for the Market Participants on the NEMO individual basis (2nd Trial Period is not impacted by the extended opportunity)

• Extended opportunity:
  – Based on individual offering and coordination of each NEMO and TSOs which are responsible for borders with explicit allocations.
  – Technical details of the period and other specifics will be provided by the individual NEMOs upon request of the Market Participants.
  – The days for the provision of the capacity are foreseen for the delivery day of Tuesdays and Wednesdays (local offering may deviate from this principle).
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3. Feedback trial period
4. XBID performance
5. Wrap up, next steps
4. Performance - System Boundaries 1/2

• Background:
  - Project considers XBID Solution performance as one of the key factors of the XBID project. Therefore several steps have been taken to ensure that the XBID Solution fulfils the requested performance needs.
  - The performance needs are defined by Realistic Test Scenarios (RTS). RTS represents a set of system parameters (e.g. orderbook depths, activation of block orders, …), conditions (number of order events, trades, …) topology (number of hubs, number of borders, …) formalized via System Boundaries and Service Level Agreement (part applicable for Performance).
  - Parties agreed on system boundaries up to Maximum Daily Order Transactions 800,000 and Maximum Daily Trades 200,000.
    • The performance above reflects a contractual agreement between project parties and DBAG not the technical limits. The concluded tests have shown that the system performance goes beyond the limits set out above.

• Process and current status:
  - The initial principles of RTS (SLA and System Boundaries) were not complying with all needs of the project parties and therefore a new RTS has been developed. Unlike the original RTS, which was static, the new RTS introduces a dynamic approach on system boundaries by the introduction of scalability.
  - Note that the new RTS is divided into 2 slices (for the Slice B see the next slide):
    • Slice A is optimized for the 1st go-live, focusing on the topology that will be in use prior to the 2nd wave goes live.
4. Performance - System Boundaries 2/2

Next steps:

− In order to comply with the new challenges, e.g. incorporation of the 2nd wave parties, the project parties are undertaking **further steps** focused on the performance issues. These steps are covered by the new **RTS slice B** which will deliver:

• More information on the XBID Solution behaviour during **load and peak situations reflecting various stress scenarios**

• **Extended scalability** of the XBID Solution in comparison to the new RTS Slice A (e.g. more scenarios reflecting various combinations of the system parameters, **topology focusing on the new areas, borders and parties joining the XBID Solution in the next step after the go-live**).

− Parties are currently collecting the necessary **input information**, fine-tuning **preconditions** for the new RTS Slice B (including scoping of the new changes to XBID Solution) and consequent planning of the details of the **scenario elaboration and test execution**.
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5. 2\textsuperscript{nd} Trial Period

<table>
<thead>
<tr>
<th>Day</th>
<th>Special scenarios</th>
<th>Comments</th>
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<tbody>
<tr>
<td>1</td>
<td>Mo 14/05</td>
<td>None</td>
</tr>
<tr>
<td>2</td>
<td>Tu 15/05</td>
<td>None</td>
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| 3   | We 16/05          | Trade recall and trade cancellation of the implicit trades  
|     |                   | Closing of market(s) | - There are new rules for this process and for some MPs the system is working differently from what they are used to.  
|     |                   |                      | - Still to be decided which market(s) will be closed (simulate situation of partial decoupling) |
| 4   | Th 17/05          | Trade recall and trade cancellation  
|     |                   | Closing of several borders including French-German border | See 16/05 |
| 5   | Fr 18/05          | XBID not available (between 14:00 – 15:00) | No trading and capacity allocation in XBID possible. LTSs’ services may be still available. |

During the trial period, the daily schedule is as follows:  
- 09:00 – 17:00 CET: Regular trading  
- 09:30 – 11:00 CET: Special scenarios  
- 13:00 – 16:00 CET: Special scenarios
5. Next User Group meeting

• Date: 17. April 2018 09:30-12:30 CET
• Venue:
  Sheraton Brussels Airport Hotel
  Brussels National Airport
  1930 Zaventem
  Belgium

• After the meeting lunch will be served.