XBID Cross-Border Intraday Market Project

8th MESC

XBID Project Update

8th June 2017

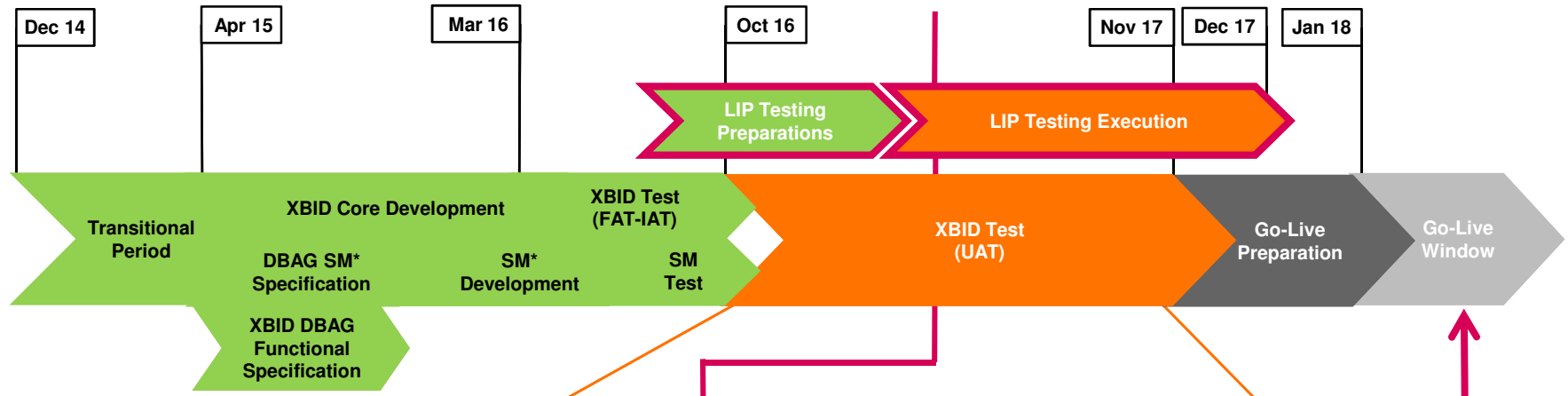
On behalf of entsoe

Supported by europex

Agenda

1. Project Timeline
2. Project Progress
   - Achievements
   - Challenges
3. Local Implementation Projects
4. Summary

1. Project Timeline – Updated High Level Delivery Plan until Go-Live



Completed

In progress

Planned

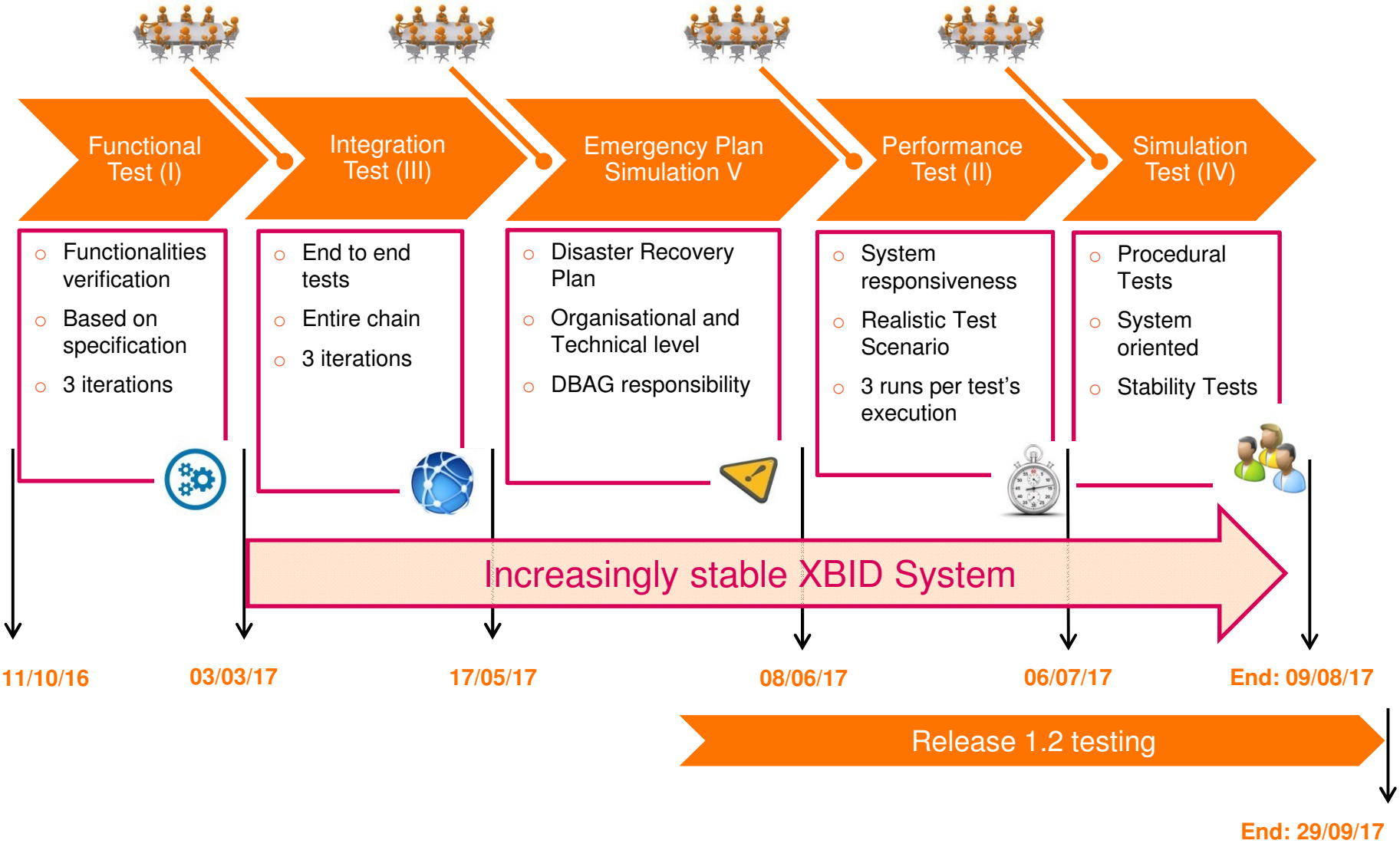
LIP scope

*SM – Shipping Module

Go-live has moved from end Q3 2017 to Q1 2018 due to:

- **7 weeks delay in UAT 1 (functional tests)**
- **Testing activities for Release 1.2 including shipping between single and multiple NEMO areas, data intermediaries, events & notifications (equal treatment)**
- **Contingency in December in view of experience in testing to date**

1. Plan detailing User Acceptance Test (UAT) phases



2. Project Progress – Key achievements

- **Technical**
  - The communications channels are implemented and have been **successfully tested**
  - **Shipping arrangements have been confirmed for all LIPs** in the first go-live
  - The service providers for the **Central Administration** of the XBID modules have been **selected/confirmed**
  - **An independent service provider (PWC) will undertake additional security tests** on XBID
- **Operational readiness**
  - Substantial progress has been achieved with the drafting of **operational procedures** and **agreeing the critical business processes** with DBAG
  - **Go live activities agreed** *(assumption that all parties Go-Live at the same time)***;** a Go-live coordinator has been appointed
- **Contractual**
  - The **Hosting contract is agreed**
  - **Maintenance contract is substantially agreed as well as the Back to Back (B2B) between NEMOs and TSOs**
  - A pre-final version of the **Intraday Operational Agreement (IDOA)** is due to be achieved before the Summer.
- **Costs**
  - **The project is currently within budget but is using foreseen contingencies**
- **Accession Stream**
  - **Knowledge transfer phase completed and 2 Accession LIPs plan to be part of the first XBID go-live** (Baltics and Iberian Peninsula)

2. Project Progress – Challenges
XBID continues to be a very complex and demanding project to deliver

- **Technical**
  - **Selection of a common Energy Identification Codes (EIC) configuration**
    - Finding a common solution for variations between project parties on the number of energy accounts per party etc. and understanding the implications on MNA within Day Ahead
  - **Selecting and confirming the products for go-live**
    - Using performance testing to develop the route map for delivering all products. Aim is to have at Go-live, as a minimum, what is currently available in the market.

    => Further communications on this will be made before go-live. Production-like testing with market participants will also be organized.
  - **Managing the issues identified in LIP preparation and testing**
    - These issues can require Change Requests (CRs) which it is becoming increasingly challenging to incorporate as the project moves closer to delivery

- **Contractual**
  - **Finalizing the All Nemo Intra-Day Operational Agreement in parallel with IDOA**
    - This agreement is based on the MCO Plan not yet approved by NRAs. However planning and negotiations, closely related to IDOA's outcomes, are underway.

- **Cost issues**
  - **Cost sharing and recovery in the context of CACM regulation (SIDC) for common XBID costs until go-live – including participation of Accession Stream Members - as well as regional LIP costs**
    - A letter was received from NRAs on 10/05 giving some clarity on cost sharing of common costs between member states, but not giving the required clarity on cost recovery. A reply is being drafted by the Project Parties
    - PXs expect to continue to work based on agreed contractual principles which is not supported by all TSOs
  - **Cost of DBAG services particularly with regards to Change Requests (CRs)**
    - Project Parties and NRAs are concerned about the DBAG mark-up

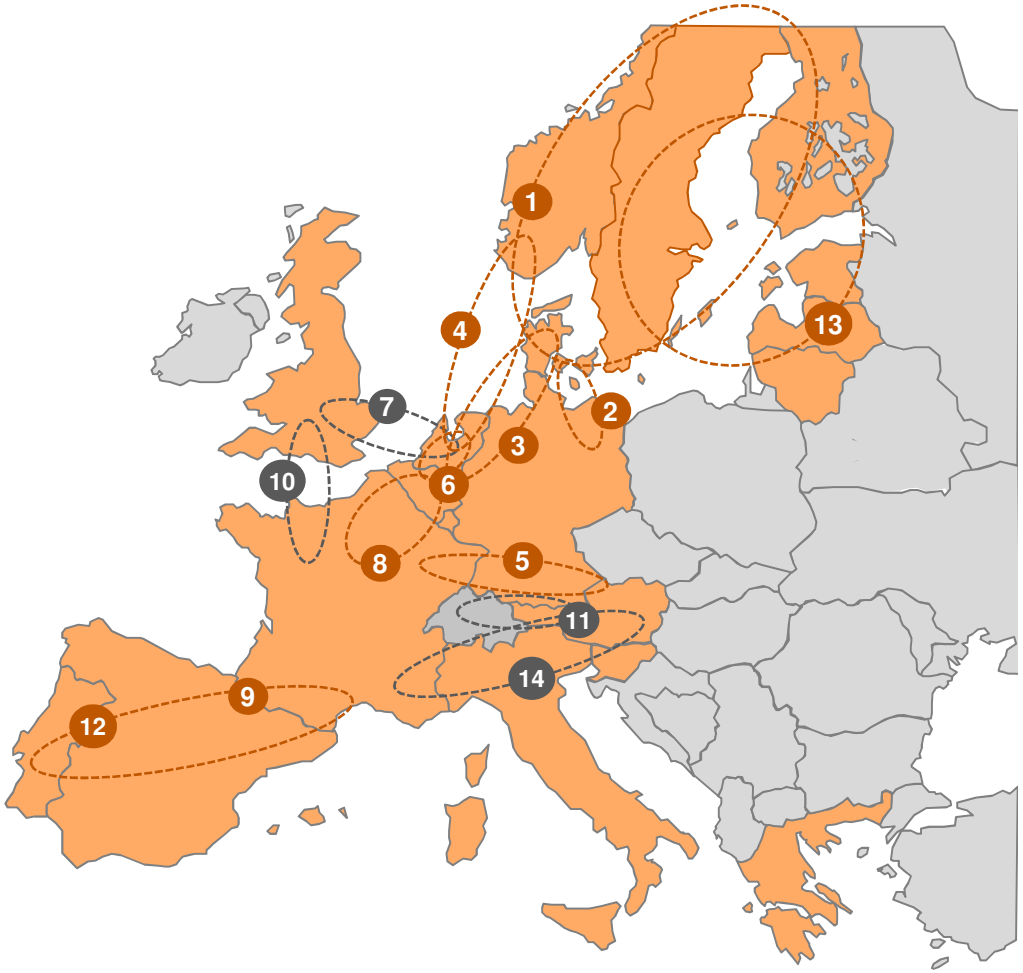
3. Overview of established LIPs

LIPs part of 1st go-live Q1/2018

LIP		Participants
1	Nordic	Fingrid, EnDK, SvK, Statnett, Nord Pool, EPEX
2	Kontek	EnDK, 50Hz, Nord Pool, EPEX
3	DK1/DE, DE/NL	EnDK, TenneT NL& DE, Amprion, EPEX, Nord Pool
4	NorNed	Statnett, TenneT NL, EPEX, Nord Pool
5	FR/DE, DE/AT	Amprion, TransnetBW, APG, RTE, Swissgrid, EPEX, Nord Pool, Tennet DE
6	NL/BE	Elia, TenneT NL, EPEX, Nord Pool
8	FR/BE	RTE, Elia, EPEX, Nord Pool
9, 12	FR/ES& ES/PT	RTE, EPEX, OMIE, REE, REN, Nord Pool
13	Baltic	Elering, Litgrid, AST, Fingrid (Estlink) Svenska Kraftnät (NordBalt), Nord Pool

LIPs going live at a later stage

LIP		Participants
7	BritNed	BDL, NG, TenneT NL, EPEX
10	IFA	RTE, NG, Nord Pool, EPEX
11	AT/CH	APG, Swissgrid, EPEX
14	INB	ADMIE, APG, ELES, RTE, Swissgrid, Terna, BSP, EPEX, EXAA, GME, LAGIE, Nord Pool



NRAs have confirmed that explicit access will only be given on the DE/FR border. It will not be given on any other borders in the first go-live

3. Status Overview – LIPs part of 1st go-live

LIP	XBID TESTING		LIP TESTING														
			OVERALL			PRE-COUPLING						POST-COUPLING					
	IAT	UAT	MTP	ENV	BRD	TST	SYS	BIL	TRT	ODF	RSC	TST	SYS	BIL	TRT	ODF	RSC
1																	
2																	
3																	
4																	
5																	
6																	
8																	
9 12																	
13																	

Legend

Grey	Not applicable
Red	Not started
Yellow	Ongoing
Green	Ready

- Test execution of the pre-coupling part of the FIT is on track
  - LIP 9/12 waiting for the test report to be provided (EoW)
  - Tests completed by all LIPs
- Post-coupling in preparation by all LIPs

Explanation header

IAT	All parties within the LIP have participated in the IAT for TSOs or IAT for PXs and have shown their readiness in message exchange with the XBID
UAT	All parties within the LIP have participated in UAT III (Integration Testing) and the test is successful, no critical or major defects open
MTP	A Master Test Plan including LIP Testing have been setup by the LIP and the MTP is signed off by all parties
ENV	Each party within the LIP have a test environment setup and available to be connected to the LIP Testing Environment
BRD	The setup of borders/interconnectors of the LIPs are specified, implemented within the systems, validated and signed off by the LIP
TST	Test sets based on procedures and functionalities, to be used for validation testing are completed, signed off by all parties and ready to be executed
SYS	Local (back-end) systems have to be ready and tested prior to the LIP Testing - readiness statement
BIL	Bi-lateral testing - testing between systems within the LIP without the XBID - have been performed for systems as part of the pre- / post-coupling
TRT	Test report have been provided with the results of the Bi-lateral testing
ODF	The number of open defects meets the defect criteria (Critical = 0; Major = 0; Moderate <=10 and Minor <= 20)
RSC	The LIP has resourcing set available to perform LIP Testing

4. Summary

- **Substantive progress** has been made in delivering the XBID project
- Technical readiness of XBID is planned for **November 2017** and the first XBID LIPs **go-live in Q1 2018**.
- The **Accession Stream makes good progress** and some Accession LIPs (Baltic and Iberian Peninsula) are preparing to be part of the first go-live
- **Good progress is being made in User Acceptance Testing with the third phase on point of completion**. DBAG is making progress resolving bugs found in testing.
- **The project is complex** and proves to be continually challenging.
  - Progress has been made in resolving complex issues such as shipping between single and multiple NEMO areas, and very recently, on EIC codes.
  - However, other challenges are still unresolved including cost sharing/recovery (where clarity, including also for the LIPs, is urgently needed from the NRAs in order to ensure the project time line).
- **We all continue to invest extensively to deliver a successful XBID Go-Live and support Accession parties to build their knowledge and plans to achieve successful XBID implementation**