5th Market European Stakeholder Committee
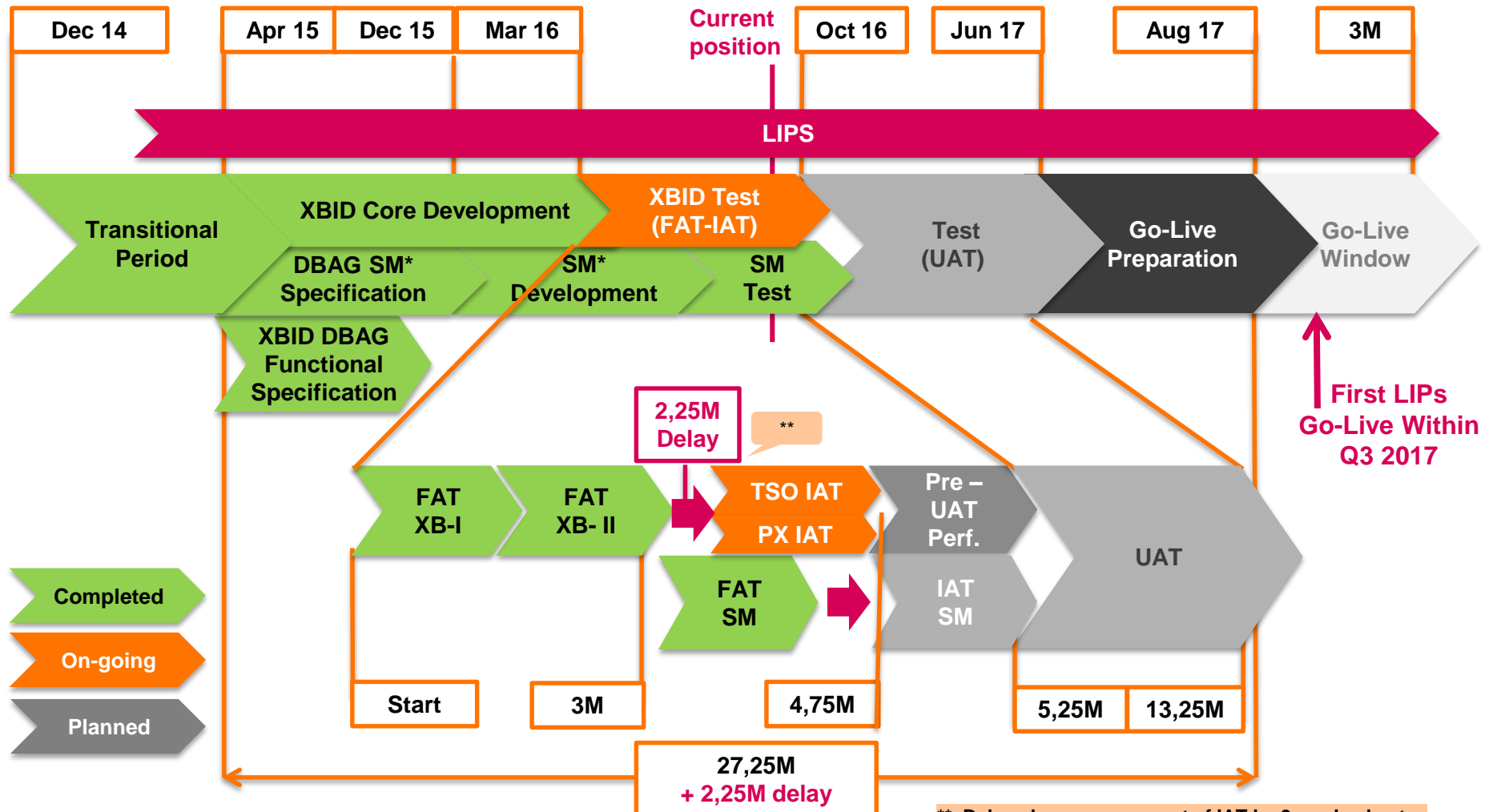
Update on the XBID and LIP projects

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On behalf of
entsoe
Reliable Sustainable Connected

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

| Dec 14 | Apr 15 | Dec 15 | Mar 16 | Current position | Oct 16 | Jun 17 | Aug 17 | 3M |

LIPS

Transitional Period | **XBID Core Development** | **XBID Test (FAT-IAT)** | **Test (UAT)** | **Go-Live Preparation** | **Go-Live Window**

DBAG SM* Specification | **SM* Development** | **SM Test**

XBID DBAG Functional Specification

2,25M Delay | ** **

FAT XB-I | **FAT XB-II** | **TSO IAT / PX IAT** | **Pre – UAT Perf.** | **UAT**

FAT SM | **IAT SM**

Completed

On-going

Planned

Start | **3M** | **4,75M** | **5,25M** | **13,25M**

27,25M + 2,25M delay

First LIPs Go-Live Within Q3 2017

*SM – Shipping Module

** Delayed commencement of IAT by 9 weeks due to late start of 3rd party support. Time used efficiently to progress important Gaps & Change Requests

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4.2. Project Progress – Key achievements

- **Capacity Management Module (CMM), Shipping Module (SM) and Shared Order Book (SOB) Development** has been completed. The risk with the SM being developed later than CMM and SOB has now been mitigated. ✓

- **All phases of Factory Acceptance Testing (FAT) have been successfully completed** for CMM, SM and SOB. FAT Phase II gave some positive indications on system performance. ✓

- **After extensive and challenging negotiations the Hosting contract was agreed** and has been signed ✓

- EC confirmed that **XBID is the pan-European intraday solution** ✓

- Implementation of the **MPLSs** (secure communications channels) **has been successfully completed with COLT and Orange.** This proved to be very complex with numerous technical issues having been resolved. ✓

- Positive progress has been achieved with the drafting of **operational procedures** ✓

- **Independent financial audits of the PXs 2015 costs were completed with positive results.** The audits were shared with the NRAs. ✓

- **TSO Integration Acceptance Testing (IAT) and PX IAT have both commenced** which is the current phase of testing prior to User Acceptance Testing (UAT) ✓

- The **Accession Stream is fully mobilised** with regular Management Events being held. **Knowledge Transfer has been managed through a series of workshops**. Two further workshops are scheduled for 13th and 14th September covering TSO aspects and Local Implementation Projects (LIPs) respectively. ✓

- **The negotiation process for the DSA Maintenance has commenced** ✓

4.2. Project Progress – Context (1/6)
XBID continues to be a complex project to deliver

- There has been pressure in the plan due to the **delayed start of 3rd party support**. This was quantified and it is **delaying XBID go-live by 9 weeks.**
  - Go-Live is still within the previously planned Q3 'window', 2017, but will now take place towards the end of Q3
  - The 9 week period, which delayed commencement of Integration Acceptance Testing (IAT) and User Acceptance Testing (UAT), was **used to bring forward activity on important Gaps and Change Requests (CR) areas** such as:
    - Analysis of TSO Data Intermediary (enabling an agreed third party to send/receive information on behalf of TSOs)
    - Losses on DC Cables
  - Further analysis will take place in the future on the CACM requirements not possible to deliver for go-live and on the enduring shipping solution

4.2. Project Progress – Context (2/6)
XBID continues to be a complex project to deliver – Current Challenges

- Current challenges include:
  - Complete DSA Maintenance negotiations before end December
  - Complete negotiations on the ECP Endpoint Hosting and Maintenance Contract before User Acceptance Testing (UAT) commences in October
  - Entry Criteria have been documented for LIPs who intend to join the first phase of LIP testing for go-live in Q3 2017. These apply to Accession Stream LIPs as well as NWE+ LIPs. It is possible that not all LIPs will meet these criteria
  - Aligning on the model for Central Admin for each of the 3 modules – CMM, SM & SOB. Questions such as how the service should be provided (f.e. through a tender to 3rd parties) and whether DBAG could be a potential service provider are proving challenging to agree. Decisions are needed to be made soon.
  - Preferred Shipper. Modifications to the model need to be made in respect to the shipping for LIPs where there is just one PX/CCP (e.g. Italian Northern Borders and Iberian Peninsula)
  - Resourcing conflicts due to the continued intensity of project activities, balancing the needs of AS parties requiring information from the project and focus on future requirements such as Losses on DC cables.

4.3. AS Elaboration Phase (EP) objectives tracked

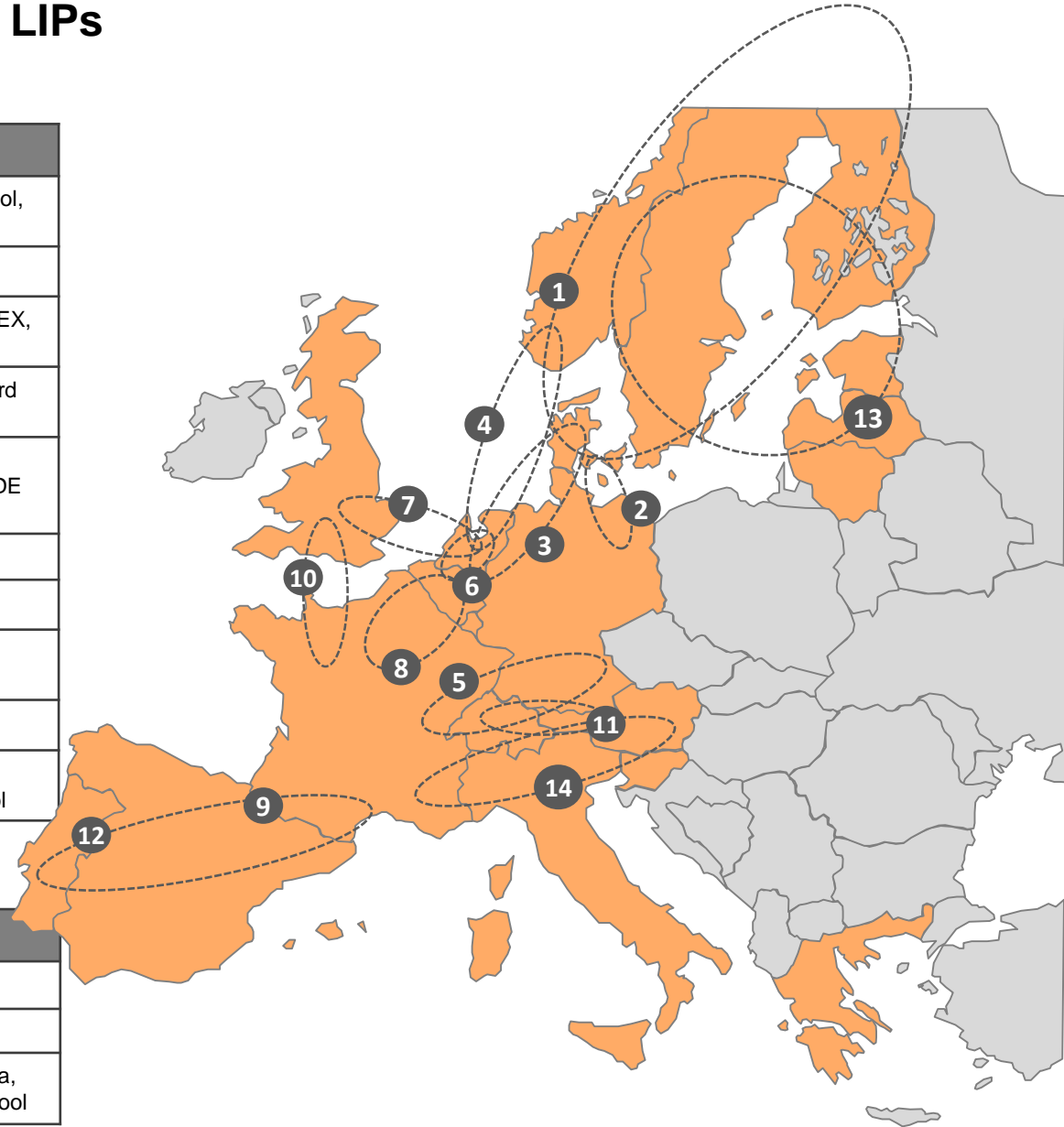|	**Elaboration Plan Activities**	**Comments**
Governance	• Appoint EP Project Manager and small team (involving PXs, *TSOs and DBAG)* • *Design and establish EP governance, sponsorship and decision making processes* • *Design DEP project structure and resourcing plan*	✔ (dashed) ✔ ToR approval process to be defined ✘ Once all the requirements are explicitly listed and AS parties intention when to go-live
Cost	• Achieve sign off and cost comfort for commencing the Detailed Evaluation Phase • Develop project plan and budget for DEP	✔ Cost comfort letter sent ✘ Once all the requirements are explicitly listed
Knowledge transfer	• Design, prepare and deliver the first and second physical XBID Induction/Engagement Events for non-NWE+ parties	✔ 4 sessions have been organized
Assessment needs — **Technical**	• Identify and scope all aspects that need to be considered • Collating input from non-NWE+ parties • Prepare the Project Initiation Document, PID and define concrete deliverables for DEP	✔ (dashed) ✔ On-going process ✘ Once all the requirements are explicitly listed
Assessment needs — **Legal**	• Identify and scope all legal aspects that need to be considered	✔ (dashed) Assessment on-going started on request from 4M parties
LIPs set-up	• Set up their respective LIPs	✔ (dashed) LIPs set up: Baltics + Northern Italy (Slovenia) 4M parties discussed their intention to set it up
Reporting	• Design reporting (progress, risks, issues etc.) structure	✔ Reports to ID SC, NRAs, etc.

4.4. Overview of established LIPs

LIPs part of go-live Q3/2017

	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, APX/Belpex, Nord Pool
4	NorNed	Statnett, TenneT NL, APX/Belpex, Nord Pool
5	FR/DE, CH/ DE, CH/FR, DE/AT	Amprion, TransnetBW, APG, RTE, Swissgrid, EPEX, Nord Pool, Tennet DE
6	NL/BE	Elia, TenneT NL, APX/Belpex
8	FR/BE	RTE, Elia, APX/Belpex, EPEX
9 **12**	FR/ES& ES/PT	RTE, EPEX, OMIE, REE, REN
11	AT/CH	APG, Swissgrid, EPEX
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, APX
10	IFA	RTE, NG, Nord Pool, EPEX
14	INB	ADMIE, APG, ELES, RTE, Swisgrid, Terna, BSP, EPEX, EXAA, GME, LAGIE, Nord Pool

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4.4. Status LIPs and interaction LIPs–XBID project

Deliverable	Status
LIP's Testing	• LIP Testing Coordinator hired to set up and support LIP testing: • Draft Additional Service Request for LIP Testing under DSA Consultancy under review • Elaboration of the LIP testing plan ongoing
Information exchange XBID-Project and LIPs	• Dedicated LIP SG working on all LIP issues set up in August 2015 • Monthly calls between LIP SPoCs and LIP SG • Monthly reporting by LIP SPoCs to track amongst others progress and readiness for testing • Dedicated project place section for information exchange on all LIP relevant XBID documentation such as technical specifications, XBID procedures, etc. set up. Process in place to immediately update LIPs on any changes.
External communication	• All LIPs are represented at the UG meetings providing project updates • Next User Group meeting with LIP input scheduled for 08/11/16
Roadmap	• The project aims at simultaneous go-live of all LIPs that pass the go-live criteria DBAG confirmed that simultaneous go-live can be supported • Information of market participants about this go-live scenario during UG meeting of 29/06 took place

4.5. Summary

- The project has moved from the Development Phase to Testing
- The results from the first testing phases are positive
- **Hosting contract negotiations reached a conclusion enabling the contract to be signed.**
- Go-live is still planned to be within Q3 2017 although the first LIP 'go-live' will be 9 weeks later than originally planned due to the late start of 3rd party support
- All LIPs are mobilised and go-live scenarios are under investigation.
- The Accession Stream is mobilised with the first phase (Elaboration) having been largely completed.
- There remains a lot of work and activity to be completed in an environment complexified by the implementation of CACM provisions (multiple NEMOs, cost sharing /recovery principles)
- **We all continue to invest extensively to deliver a successful XBID Go-Live in Q3 2017 and are depending on the support of our stakeholders to achieve this**