



Cross-border Intraday: Way Forward

21 September 2011

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- Europex and ENTSO-E are committed to implement a pan-European cross-border Intraday mechanism consisting in a Shared Order Book (SOB), performing continuous cross-border implicit intraday matching, and a Capacity Management Module (CMM) allocating the cross-border intraday capacity in a continuous manner
- At the 2nd Intraday meeting between EC, ACER, Europex and ENTSO-E held on 12th of May Europex committed to propose a sufficiently clear and detailed solution by 24 June
- On 24 June, Europex has released the paper "A Flexible Intraday Cross-Border Trading Scheme for Europe" asking for regulatory approval and TSOs acceptance
- ENTSO-E welcomes the Europex proposal and believes that it constitutes a pragmatic approach and a good starting point for further discussions
- Over the summer period 3 meetings between Europex and ENTSO-E took place in order to discuss the way forward and define a joint approach
- The following approach has the potential to provide a solution for the Interim Model and a clear path for a smooth transition towards the Target Model





2. Introduction

There are a number of aspects to the further development of cross-border Intraday (XBID):

Rapid implementation of an interim solution

- Provisional support to Elbas-like solution for SOB/CMM (to be more described for clear understanding between TSOs and PXs) and acceptance of Europex's proposed technical solution by ENTSO-E subject to functional requirements to be fulfilled
- Need hub-to-hub shipping (cross-border clearing and settlement, and hub to hub / cross border nomination)
- Necessity for coordinated capacity determination at least on the current coordination level
- Aim to cover at least NWE by end 2012, if feasible, but open to other Regions (borders or group of borders) if ready and subject to consultation with ID Coordination Committee

Design and implementation of Target Model

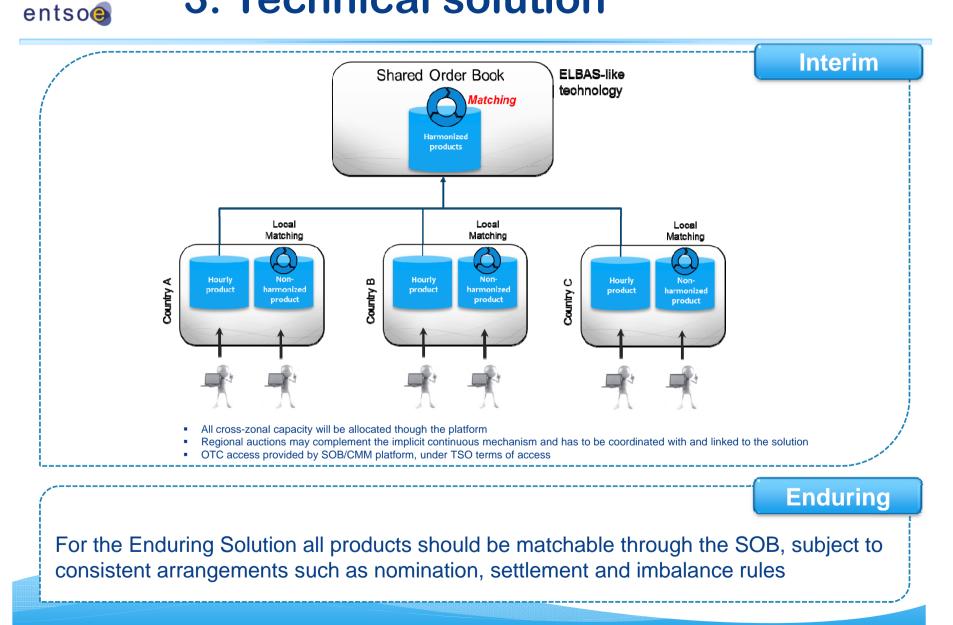
- Finalize requirements, with the participation of relevant stakeholders
- Target end of 2014 launch

Development of the governance framework

- Interim solution to be kept simple to avoid delay and reflecting simplicity of the interim solution
- Target Model possibly more complex and may be impacted by Governance Guideline (link to Governance Guideline and to Network Codes still unclear)

3. Technical solution

europex





- Establish a cross-border intraday "Program"
 - Contains core arrangement projects for both TSOs and PXs and a light and pragmatic governance solution
 - Comprises a certain number of local or multi-party projects, each with their own project management and own stakeholders
 - Overall Program ID Coordination Committee
 - Provides overall coordination and monitoring (without decision power) for core arrangements and local projects
 - Representatives from TSOs and Europex
- Periodic information and consultation with:
 - EC, ACER and NRAs (e.g. twice a year)
 - Non-participating PXs and TSOs by ENTSO-E Monitoring Group
 - Market parties via AESAG and on relevant local/regional levels



4.1 Potential Program Components – Interim Solution

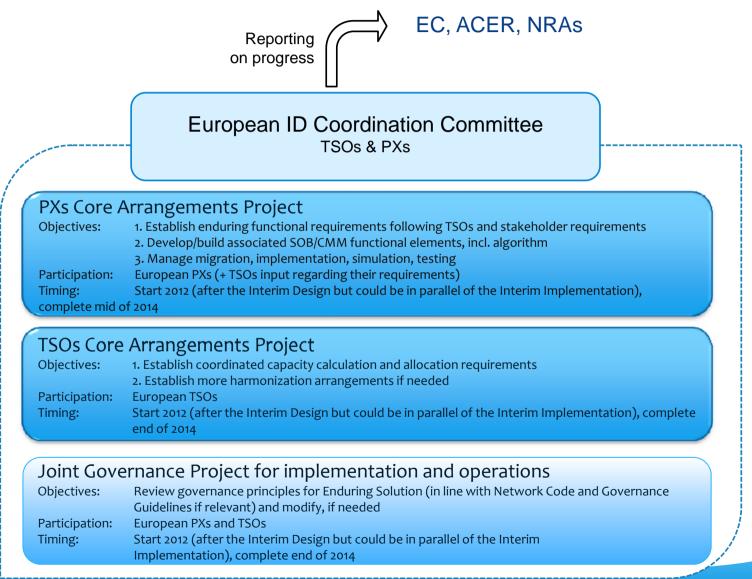
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		Reporting on progress	EC,	ACER	, NRAs
/			ion Comming TSOs and PXs involved countries	ttee)
Joint Gove Objectives: Participation: Timing:	Establish Interim Solution gover implement European PXs and TSOs Start immediately, complete en	rnance principles and			
PXs SOB/C Objectives: Participation:	2. Establish Elbas-like core solut governance, API interface 2. Establish PX-PX settlement a European PXs (+ TSOs' input re requirements – e.g., OTC (depe Start immediately, complete m	nts Project tion, including joint-PX rrangements garding their ending on NRAs decision))	Joint Impl Core Arran Objectives:	ngemer 1. Impler specific b	ntion Projects consistent with hts hent interim solution on a particular Region, border or group of borders egulatory/contractual arrangements
Timing: TSOs Core Objectives:	Arrangements Project 1. Establish coordinated capacit bilateral) and allocation require	t cy calculation (at least	Participation: Timing:	Start whe	nvolved TSOs and PXs en ready (can be in parallel to Core nents projects)
Participation: Timing:	2. Establish nomination arrange NWE Project Team with regular TSOs Start immediately, complete m	ements consultation of non NWE			

4.1 Potential Program Components – Enduring Solution

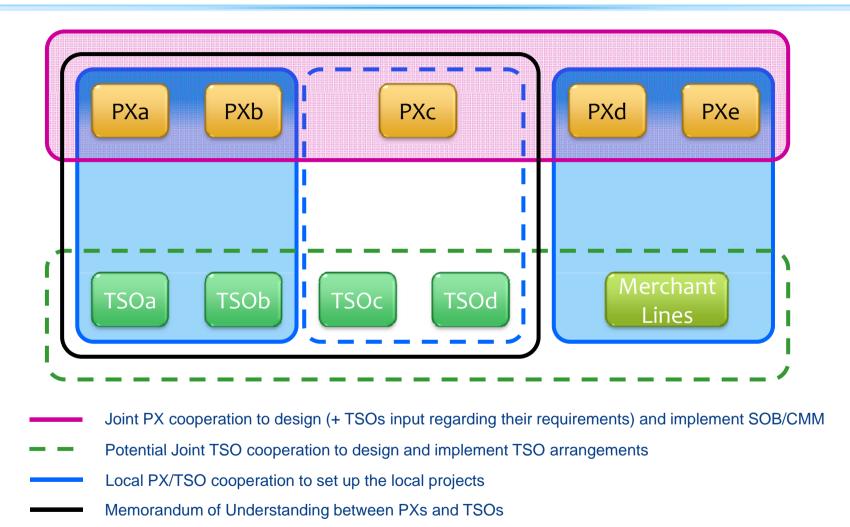
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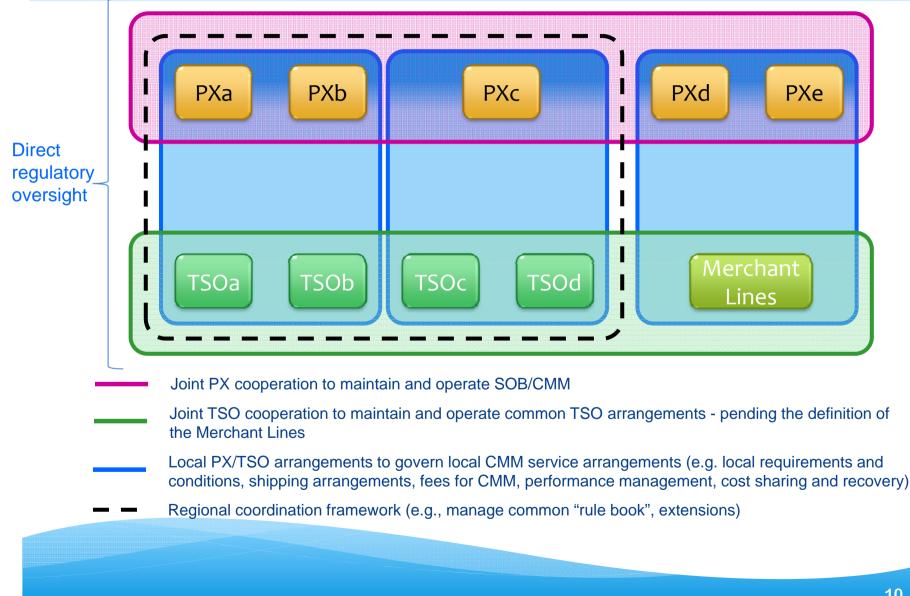
4.2 Illustrative Interim Governance for Project Phase Relationships



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4.2 Illustrative Interim Governance for Operations Relationships





- Intraday capacity calculation and allocation (including explicit access for OTC/Balancing) are governed by TSOs according to TSO rules, subject to regulatory approval
- Intraday shared order book is governed by PXs according to PX rules, subject to direct regulatory oversight applicable to markets and market places
- TSOs will take part in evaluation of starting point against TSO requirements, further algorithm development work and later on in change management of algorithm: TSO involvement limited to the extent allocation issues are concerned
- After implementation of the enduring solution further SOB/CMM system and products evolutions to be developed by PXs based on defined principles between TSOs and PXs and in consultation with market parties, and subject to approval by the NRAs concerned





		20	11	2012			2013				2014				
		Q 3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Interim Solution	EC Meeting														
	TSO / PX Kick-off meetings				- - - - - - - - - - - - - - - -										
	MoU				- - - - - - - - - - - - - - - - - - -										
	PX core arrangements														
	TSO core arrangements														
	Local implementation														
	Go-Live														
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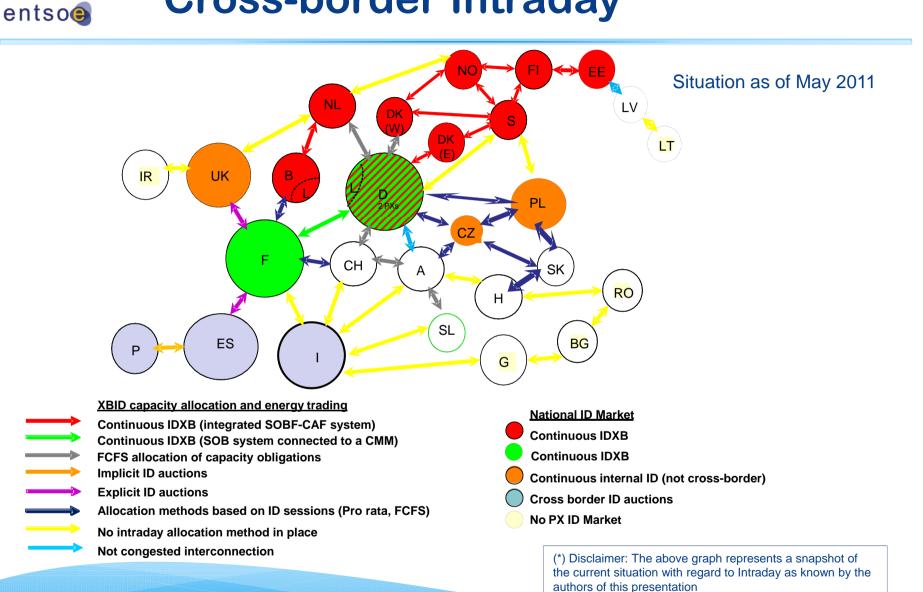
	Governance arrangements							
indurin	PX core arrangements (incl. enduring algorithm)							
	TSO arrangements							
	Go-Live							



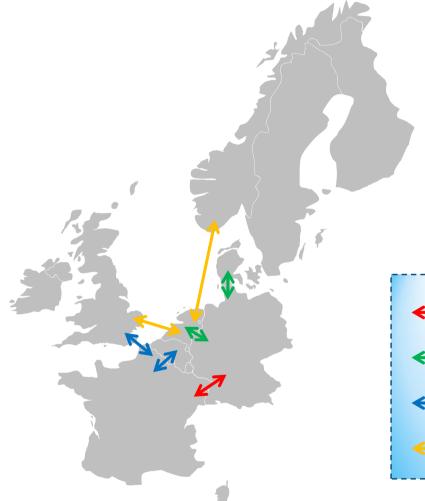


Cross-border Intraday*

europex



europexAs an example:entsoNWE discrete Projects for the Interim



The local / multi-party projects will aim to change the current capacity allocation mechanism on several NWE borders into an Elbas-like mechanism

- Implicit capacity allocation (DBS + EPEX)
- Explicit capacity allocation (DBS)
- Explicit capacity allocation
- No capacity allocation