

# Operational Planning & Scheduling Network Code



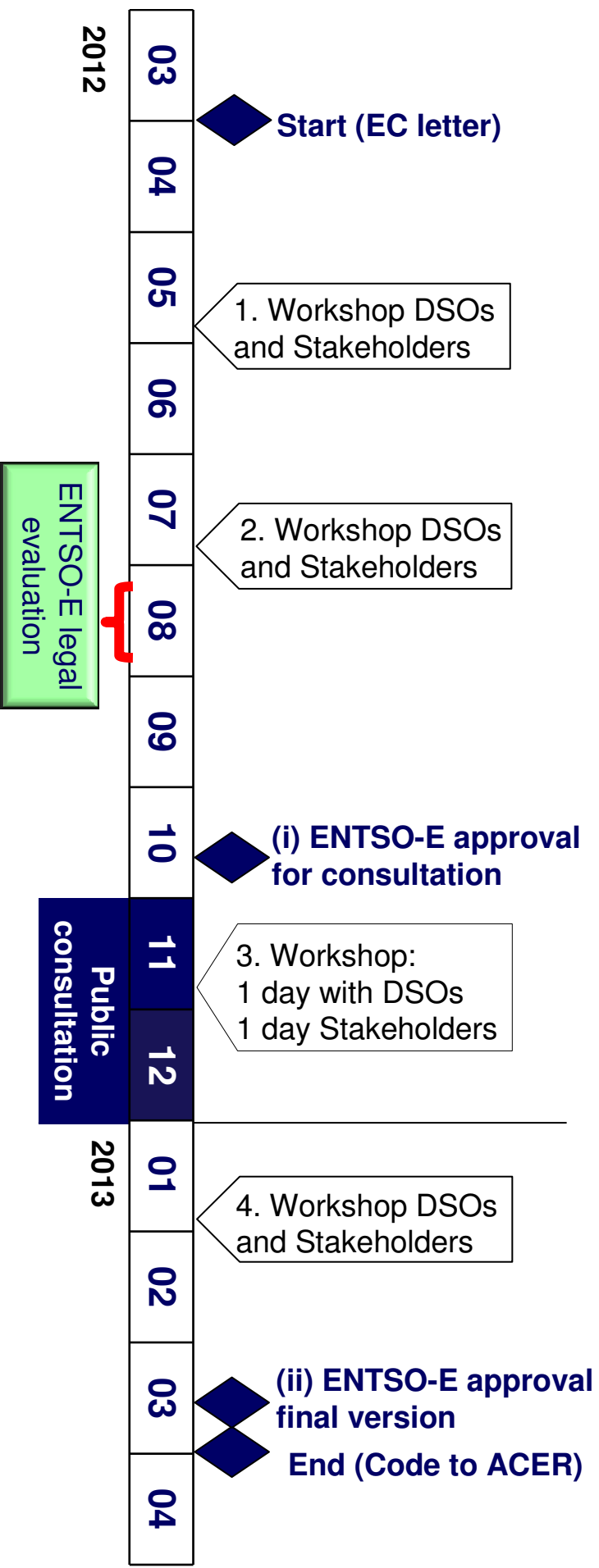
JESG – 6<sup>th</sup> December 2012  
David Reeves

# Agenda

---

- Timeline
- Summary of OP&S Network Code
- Updates from previous Feedback
- JESG OP&S Workshop
- Questions/contact details

# Timeline



# Timeline

---

•Activity	•Date
•ACER publishes Framework Guidelines (FG)	•1 <sup>st</sup> December 2011
•Mandated Start date from EC inviting ENTSO-E to develop Network Code	•1 April 2012
•ENTSO-E Public Workshop	•19 March 2012 •23 May 2012
•ENTSO-E Public Workshop	•25 July 2012
•Assembly approval of draft Network Code	•2 <sup>nd</sup> November
•Formal Consultation Starts	•7 <sup>th</sup> November 2012
•ENTSO-E Public Workshop (during consultation)	•20/21 November 2012
•JESG OP&S Workshop	•17/18 December 2012
•Formal Consultation Ends	•7 January 2013
•ENTSO-E Public Workshop (after consultation)	•30 January 2013
•Final Network Code submitted to ACER:	•1 <sup>st</sup> April 2013
•ACER Network Code Review completes	•End June 2013
•Network Code submitted to Comitology	•July 2013
•Network Code applies from:	•2014

# OP&S Code

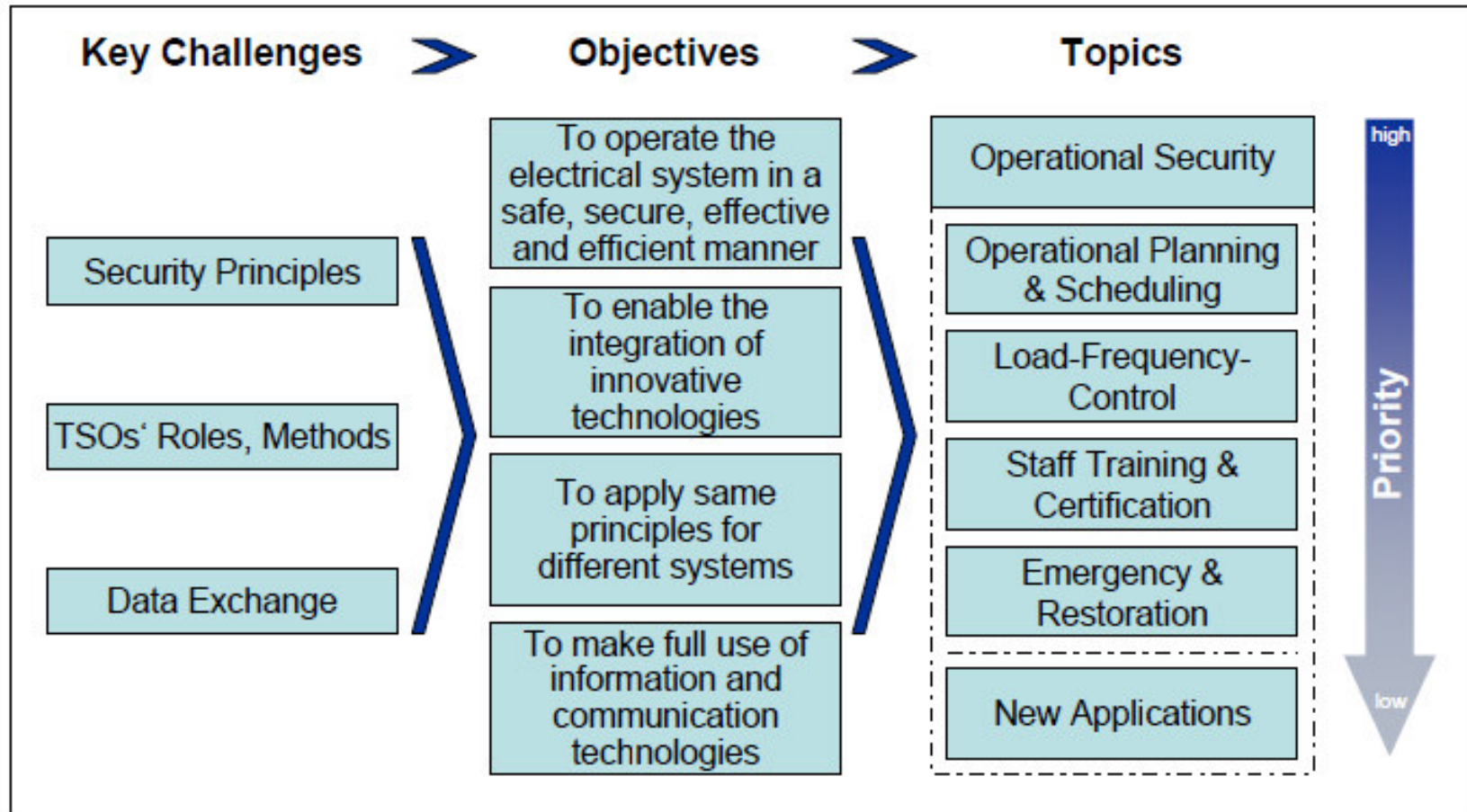



Figure 2: Structure and development flow of the Framework Guidelines on Electricity System Operation

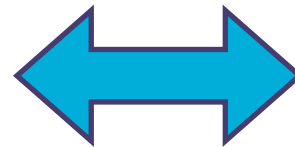
# OP&S Code

---

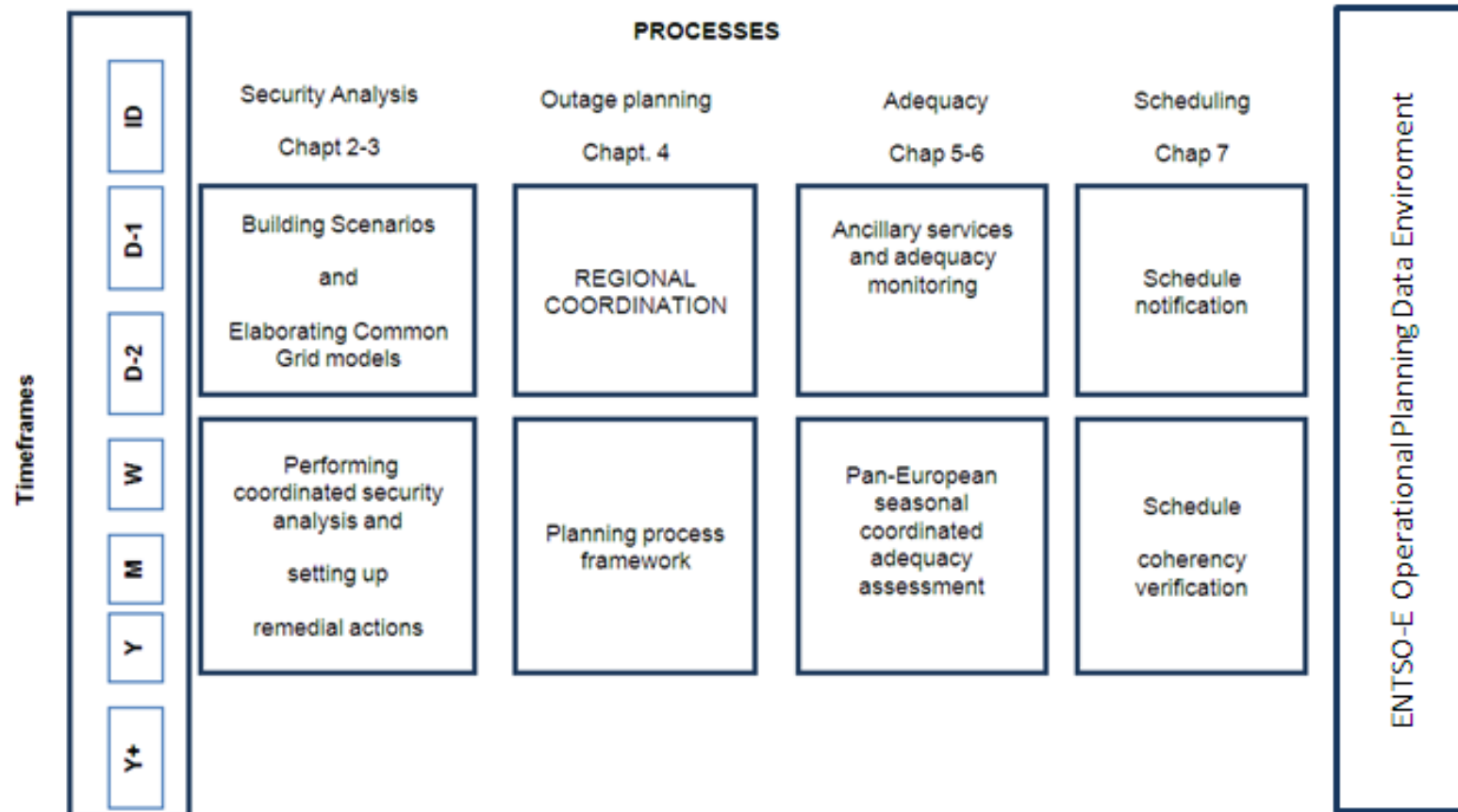


**ENTSO-E Network Code on  
Operational Planning and  
Scheduling**

**26 October 2012**



# OP&S Code



# OP&S Code

---

## **Chapter 2 & 3: Security Analysis**

- Construction of Common Grid Model & Individual Grid Model
- Co-ordination amongst TSO's
- Datasets

## **Chapter 4 & 8: Outage Planning and Common TSO Planning Platform**

- Harmonised X border planning
- Common TSO planning platform (environment)
- Define "Relevant"

## **•Chapter 5: Adequacy**

- National adequacy building to Pan European adequacy
- TSO co-ordination



# OP&S Code

---

## Chapter 6: Ancillary services

- **Close links to LFC&R, Balancing and Security Codes**
- **Procuring and monitoring levels of Ancillary Services**

## Chapter 7: Scheduling

- **Summation of schedules**
- **Co-ordination amongst TSO's**
- **Allows TSO's to take balancing actions post gate**

# Updates from previous Feedback

---

As a result of the feed back from the 2nd Workshop of the OPS NC, following topics have been developed in the current version of the Supporting Paper

- Interaction with other Network Codes
- Clarification on Concepts
- Objectives of the OPS NC
- Consultations and Approvals
- Integration of Renewable Energy Sources (RES)
- Added Values of the OPS NC

## JESG OP&S Workshop

---

- 17<sup>th</sup> & 18<sup>th</sup> Dec @ Elexon in London
- Talk through code on Article by Article basis
- Consultation tool update
  
- Registration now open (until Wed 12 Dec)  
[europencodes.electricity@nationalgrid.com](mailto:europencodes.electricity@nationalgrid.com)

# Questions?

---

## Contact Details:-

[david.reeves@nationalgrid.com](mailto:david.reeves@nationalgrid.com)

0118 9363492