

Workshop on roadmap towards the TYNDP 2012 and 2020 Scenario

Introduction

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The 3rd Package defines the TYNDP

Non binding
Every 2 years

EU-TYNDP

- Generation adequacy outlook 5 yr up to 15yr (→ 2025!)
- modelling integrated networks
- Scenario development
- Assessment of resilience
- Based on reasonable needs of system users
- Identify investments gaps
- Review barriers to increase cross border capacities arising from approval procedures

Regulators check consistency

Binding for ITO
Every year

Nat. TYNDPs

- Existing and forecast supply demand
- Efficient measures to guarantee adequacy & SoS
- Indicate main transmission infrastructure to be built
- Based on reasonable assumptions about evolution of generation
- Supply consumption and exchanges

Build on nat. gen. adequacy outlooks and invest. plans

Take into account

Non binding
Every 2 years

Regional Investment Plans

Take into account

Take into account

The TYNDP 2010 initial objectives

a **Pilot Project**, basis for further debates

- **Based on existing material**
 - Stakeholders statements in 2009
 - Review of TSOs practices, projects, ...
 - Definition of scenarios despite 20/20/20 survey still ongoing

=> Mainly a bottom up approach
- A **first attempt** for the content organisation
- But a first **comprehensive** report
 - Highlighting scenario description, investments overview, technologies & barriers ... and leads for improvements

The Pilot TYNDP : results

TYNDP pilot project is acknowledged as an achievement

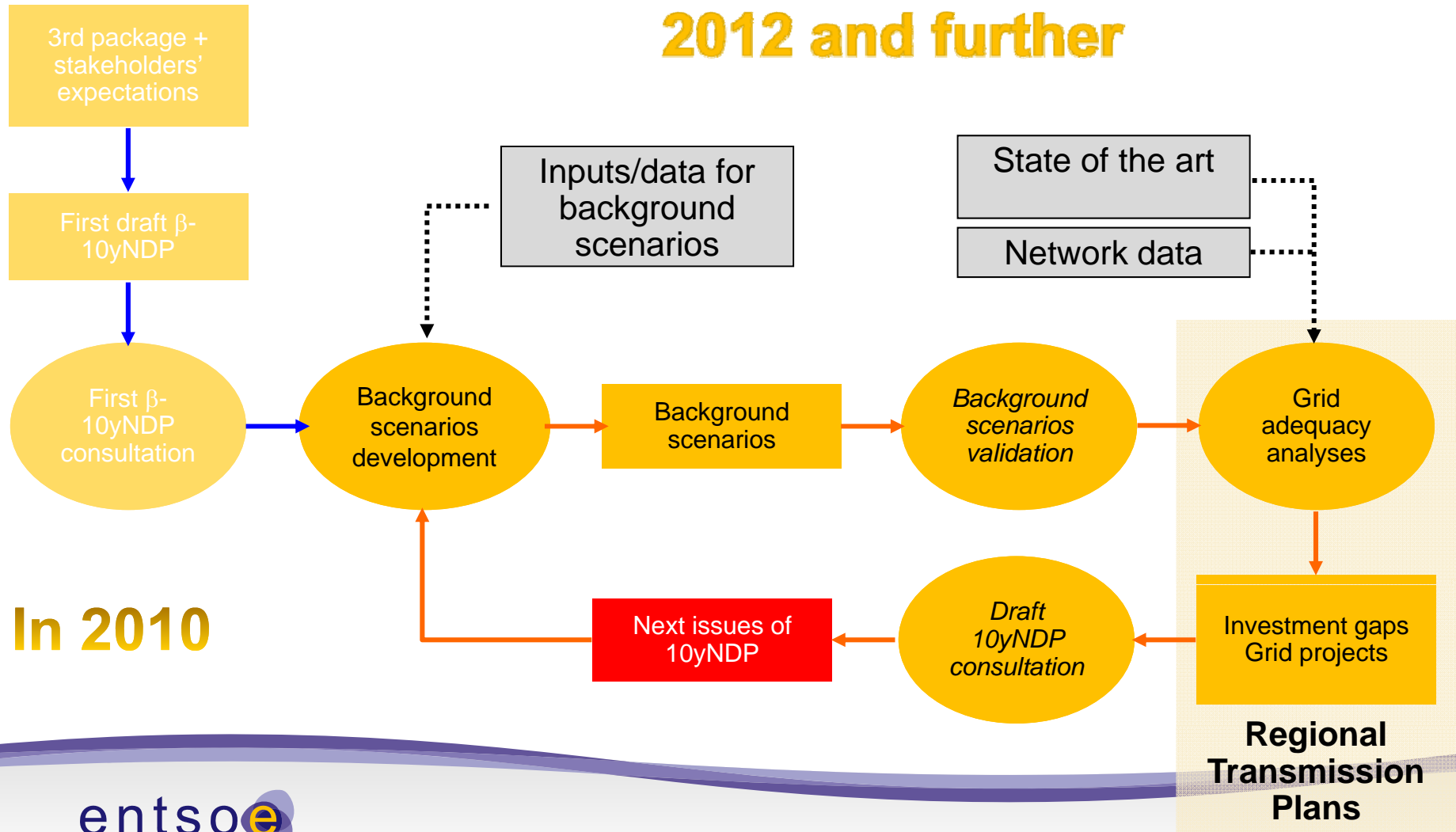
- a common reference including for the first time a comprehensive list of projects,
- identification of drivers, barriers... shared sense of urgency : grid developments take time and little time is left for meeting EU 20/20/20 target
- a tool to assist the assessment of Policies (EIP)

However great expectations regarding next issue !

- Comprehensive top down scenarios (among them 20/20/20 based on NREAP)
- Assessing investment needs by using market simulations
- Common evaluation project criteria
- More complete description of projects (especially impact on grid transfer capability)
- Pan European network model

First TYNDP : Pilot + process has started

2012 and further



Objectives of the workshop

- Present the elaboration process of the TYNDP 2012 and related roadmap
- Present the ENTSO-E scenario based on EU 2020 objectives
- Get feedback from all interested parties !