

# ENTSO-E Ten Year Network Development Plan 2012

## Towards Energy Infrastructure package implementation

Florence Forum  
5 December 2011



### EC Directive 2009/72 and Regulation 2009/714

- National Development Plans
  - Binding (for ITOs)
- Regional Investment Plans
- ENTSOE's **Ten-Year Network Development Plan**
  - A vision for the future European EHV grid
  - A generation adequacy outlook (5/15 years)
  - A modeling of integrated networks
  - *A non-binding plan, updated every 2 years*
  - *National Regulatory Authorities to check consistency with National DP*



## ENTSOE proposals, submitted to consultation and debate

- An organisation framework to elaborate Plans

- Identification of European regions relevant for grid development
- A looping elaboration process, constantly improving
- A public procedure to identify 3<sup>rd</sup> Party projects
- Consistent approaches for Regional Investment Plans and TYNDF

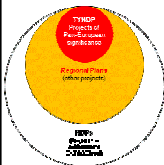


- Bottom-up & top-down scenario development

- Consulted, complying with EC initiatives and MS positions (NREAPS)

- Methodology for project assessment

- Explicit definition of projects of pan-European significance
- Projects identification & standard assessment: **Cost Benefit Analysis**
- **Basis for future Project of Common Interest selection at Regional level**



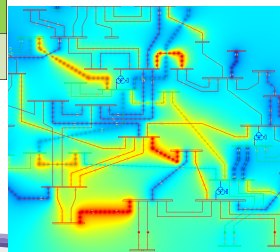
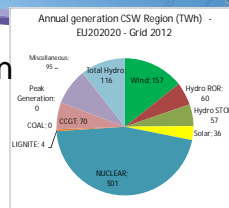
• Many bilateral meetings, external workshops, consultations  
 • ... with limited feedback

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## A dense 2-year long study process

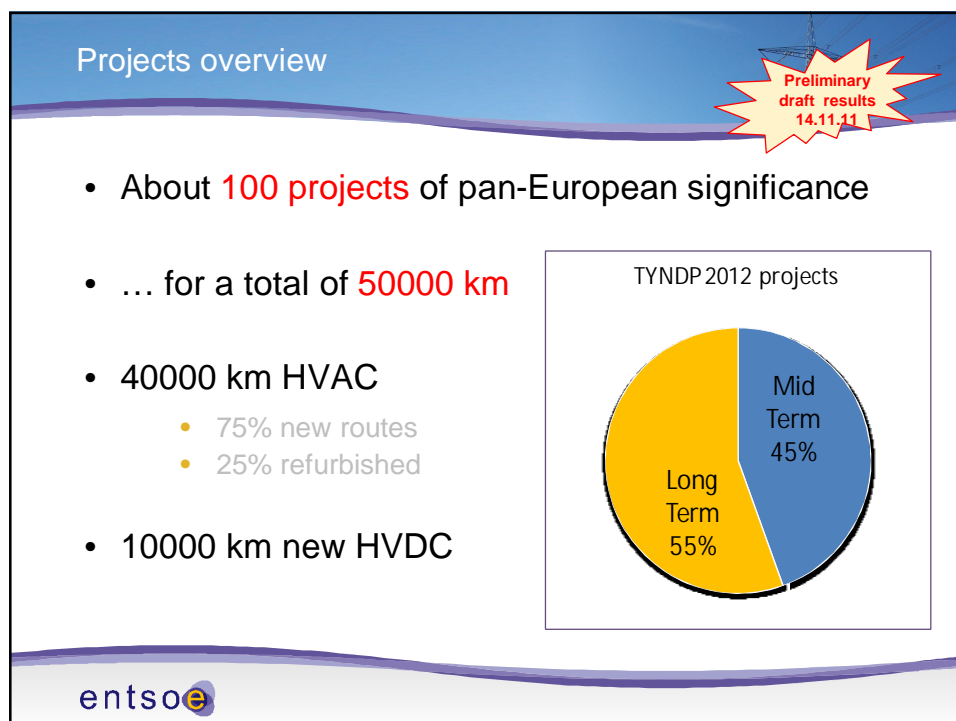
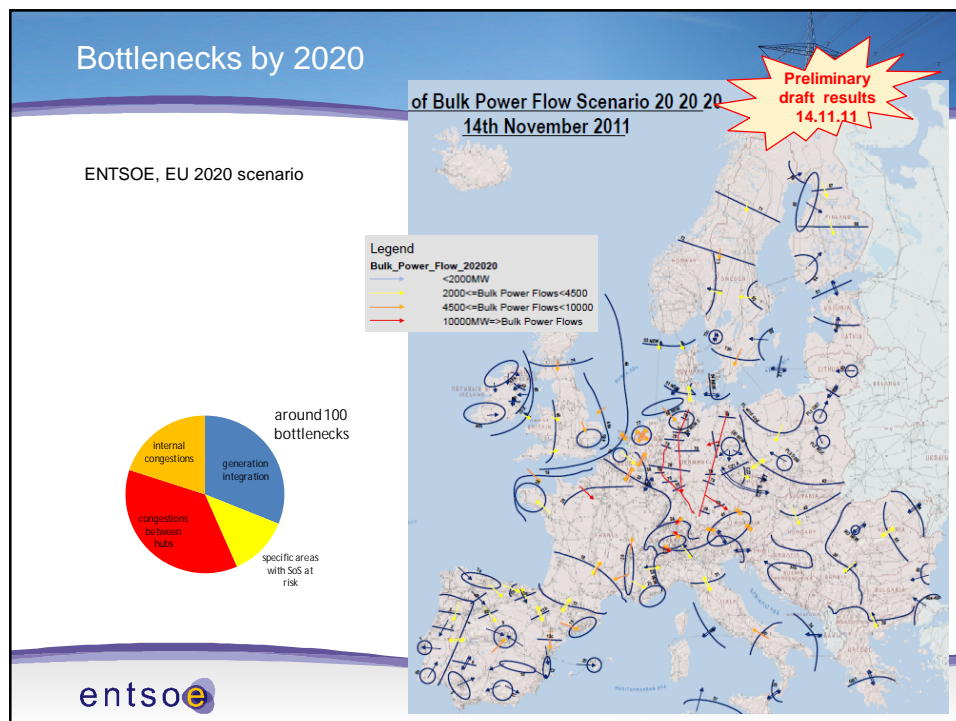
- Scenario elaboration & validation
- Market studies
- Network studies
- Project identification & valuation
- Reports compilation

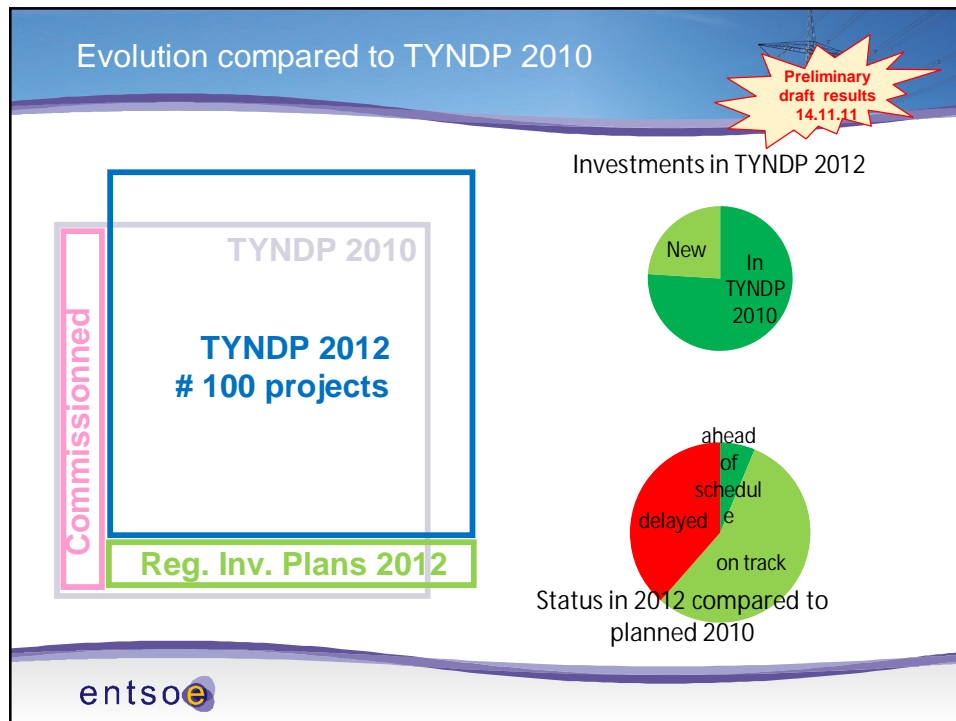
	Grid TC	SoS	RES	Social Welfare	CO2 mitigation	Energy efficiency	Tech. resilience	Flexibility
(Project A name description)	+ ... MW							
(Project B name description)	+ ... MW							



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Jean Verselle | 23 May 2011





## Overall schedule

