## The Upcoming Grid Package – ENTSO-E Priorities



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#### **Introduction to ENTSO-E**

**500.000 km** of transmission lines **520 million citizens** 

- ENTSO-E, established in 2009, represents 40
   TSOs from 36 countries
- Represents TSOs at the European level.
- Helps TSOs implement and monitor common rules and EU legislation.
- Enhances cooperation among members



Security of power system



Optimal functioning and development of





**Climate-neutrality** by 2050





#### **Grids: Europe's Backbone for the Energy Transition**

€584 bn

Investment needed by 2030

2 for 1

Every €1 invested saves €2 by 2040

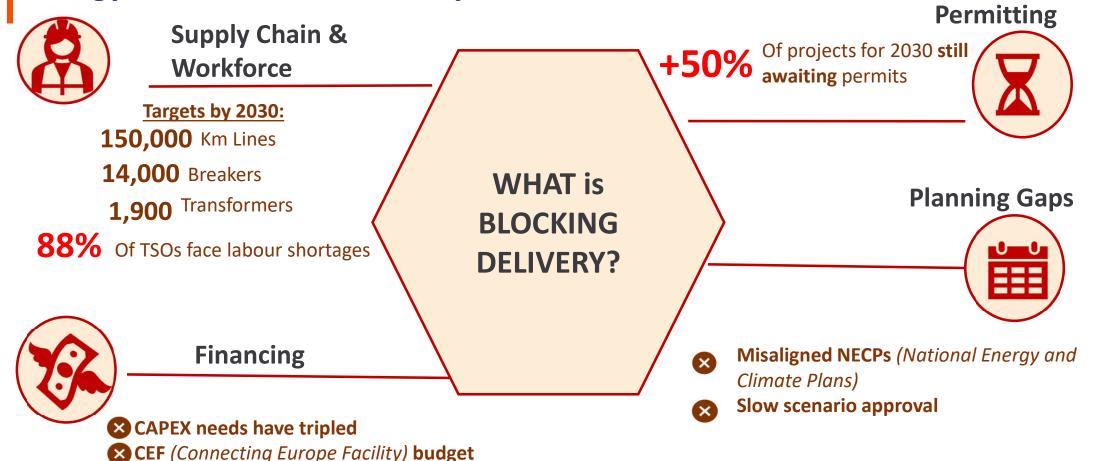
Grid Package &TEN-E

Europe's framework for planning, permitting, financing, and delivery



#### **Energy Transition and Delivery**

is not enough



### **4 Priorities to Unlock Grid Delivery**



1. Streamline
Planning &
Strengthen
Regional
Coordination



2. Accelerate Permitting



3. Facilitate
Investments in
Grid Infrastructure



4. Strengthen
Supply Chains &
Workforce



# Streamline Planning Strengthen Regional Coordination



Simplify and improve **TYNDP and PCI/PMI** processes.



Make scenario-building more efficient through better alignment and **harmonisation of NECPs** 



Keep the current TYNDP framework, which is fitfor-purpose, but continue **targeted improvements.** 



Enhance regional cooperation by refocusing **Regional Investment Plans** on:

- Technical analysis of infrastructure gaps and solutions.
- **Monitoring** progress of project implementation.



### 2. Accelerate Permitting



**Apply existing EU laws:** extend permitting exemptions to grid infrastructure connecting RES.



**Simplify environmental law** to make permitting procedures more effective and efficient.



#### **Accelerate permitting** by:

- Enforcing legal deadlines.
- Prioritising grid-related litigation in courts.
- Using **one-stop shops** for network permits (where effective at Member State level).



## 3. Facilitate Investments in Grid Infrastructure

#### Financing must be affordable



**CEF ×5**: stronger EU funding, dedicated envelopes for transmission.



**EIB & NDB guarantees** to de-risk and lower borrowing costs.



**Stable, predictable regulation** to mobilise private capital.



**Voluntary CBCA:** flexible, regional, not tied to CEF access.



**Fair tariffs**: transparent, cost-reflective, protect consumers.



### 4. Strengthen Supply Chains & Workforce



**40% EU-made equipment by 2030**  $\rightarrow$  reduce dependency



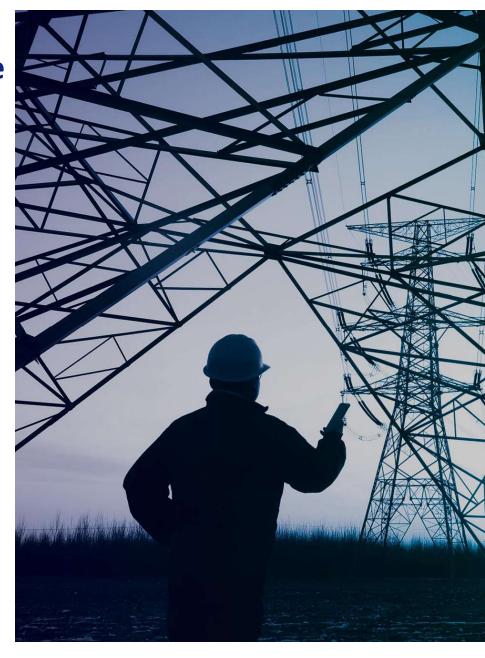
**Simpler, flexible procurement rules** → faster delivery



**Careful HVDC standardisation** → avoid bottlenecks



**Net-Zero Academy for Grid**s → train the next generation workforce



#### **Conclusion**

Without grids, there is no transition.
Without grids, there is no secure and affordable Europe.

