

The Grid Action Plan follows an institutional approach with:



1



Grid capacity and planning

- Distribution Network Development Plans
- Overview of grid hosting capacity

2



Grid smartening

- Promotion of smart grid uptake
- Promotion of PCIs for smart grids
- Streamlining of grid connection procedures

3



Grid investment and financing

- Regulatory framework
- Anticipatory investments
- Access to funds (PCIs)

4



Grid permitting and the Public

- Pact for Engagement (stakeholder, permitting)
- Faster processes and streamlining of permitting

5



Grid Supply Chains

- More visibility of grid project pipelines
- Development of common technology specifications (standardisation)

	Grid Action Plan – Tasks assigned to DSO Entity (mostly in cooperation with ENTSO-E)	Action	Lead
Grid Planning and Grid Capacity	<ul style="list-style-type: none"> • Support DSO grid planning by mapping DSO development plans; by improving best practices and recommendations* • Develop mechanisms for providing increased visibility to manufacturers into their upcoming procurement plans* 	Action 3a Action 13b	TF TYNDP EG ExNC
	<ul style="list-style-type: none"> • Provide harmonized definitions for available grid hosting capacity for system operators and to set a pan-EU overview 	Action 6a	EG DF TF TYNDP
	<ul style="list-style-type: none"> • Issue recommendations to digitalise and streamline procedures for grid connection requests 	Action 6b	TF DESAP
Grid Smartening	<ul style="list-style-type: none"> • Promote smart grid uptake, network efficiency and innovative technologies, e.g. technopedia 	Action 7	TF DESAP
Grid Investment and Financing	<ul style="list-style-type: none"> • Raise awareness on the available options to increase funding applications for DSOs (PCIs)* 	Action 3b,10a	TF FIN
	<ul style="list-style-type: none"> • Support the EC in proposing guidance for conditions to approve anticipatory investments* 	Action 4	TF FIN
Grid Permitting and the Public	<ul style="list-style-type: none"> • Facilitation of the Pact for Engagement to reinforce stakeholder engagement and permitting 	Action 12	CEG
Grid supply chains and Standardization	<ul style="list-style-type: none"> • Collaborate with technology providers to develop standard technology specifications [TSO-focus] 	Action 13a	EG ExNC
	<ul style="list-style-type: none"> • Develop mechanisms for providing increased visibility to manufacturers into their upcoming procurement plans (see also grid planning) 	Action 13b	TF TYNDP CEG
	<ul style="list-style-type: none"> • Promotion of technical requirements for generation & demand connection (revision NC RfG/DC) 	Action 14	EG ExNC

2024

Q1

Q2

Q3

Q4

Network development planning, grid availability and connection

3a TF TYNDP

Internal webinar on network development plans and capacity maps (29/1/24)

Presentation of good practices for **Distribution Network Development Plans** at the Copenhagen Forum (27-8/6/24)

6a TF TYNDP
EG EF

Provide harmonized definitions for **available grid hosting capacity** for system operators and to set a pan-EU overview (in collaboration with ENTSO-E)

Deadline: Mid-2025

6b TF DESAP

Webinar on capacity constrains (12/4/24)

Webinar on digitalisation of connection requests (tbc/CEG)

Development of guidance and recommendations to **digitalise and streamline procedures for grid connection requests**.

Deadline: Mid-2025

Smartening the grid

7 TF DESAP

Promotion of **smart grid uptake**, network efficiency and innovative technologies (in collaboration with ENTSO-E)

Deadline: End-2024

Funding, investment and remuneration

10a TF FIN

Creation of a new Task Force to work on grid investment, funding, remuneration and regulatory incentives

Organisation of a workshop on PCI/CEF funding (4/7/24)

10b TF FIN

Input in EC workshop on **anticipatory investments** (18/4)

4 TF FIN

Support to the EC in proposing guidance for conditions to approve **anticipatory investments**

Deadline: Q1-2025

Permitting and stakeholder engagement

12 CEG

Participation in TEN-E regional group workshop

Paper on permitting

Facilitation of the **Pact for Engagement** to reinforce stakeholder engagement and permitting (CEG)

Supply chains standards and technical requirements

13a All EG/TF

Supporting the development of standard technology specifications via different channels / existing standardisation bodies such as CEN-CENELEC (e.g. for Cyber (RED-standard))

Deadline: End-2024

13b TF TYNDP

[see action point 3a]



Objective

- **Ad-hoc support** for grids during implementation
- Grids as EU-success story but now **challenges for the delivery of energy targets**
- Especially, challenges of **high investment needs for DSOs** are highlighted



Contents

- **Non-legislative initiative** of the European Commission with measures meant to support the grid during the implementation phase of existing energy legislation
- The Action Plan describes **7 challenges and 14 Action Points** that should support **implementation in the next 18 months**



Assessment

- **DSOs** and the decentralised level **are in the focus** like never before
- **Right challenges** are identified and meaningful measures proposed often specific measures are mentioned for DSOs (e.g. permitting, funding, remuneration schemes)
- **DSO Entity appears as a key-actor** and is responsible for the delivery of **7** out of 14 Action points (often together with ENTSO-E)



GAP as a good starting point towards a more grid-inclusive era...