



DCOO ENTITY
5th ANNIVERSARY

DISTRIBUTED POWER
CONNECTS THE FUTURE



Event start

08:55



WELCOME AND KEYNOTE SPEECH I

Dan Jørgensen

Commissioner, Energy and Housing,
European Commission





OPENING REMARKS

Vincenzo Ranieri

President DSO Entity



DCS ENTITY
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DISTRIBUTED POWER
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TRUST



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PLATFORM — OF — PEOPLE



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DELIVERY



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AFFORDABILITY

SECURITY

SUSTAINABILITY



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LOCAL BY NATURE, EUROPEAN BY IMPACT



PANEL I

DSO ENTITY - ORIGINS, EVOLUTION, IMPACT



DSOs united in diversity

Enablers of the energy transition

**DSO
ENTITY**
DSOs FOR EUROPE

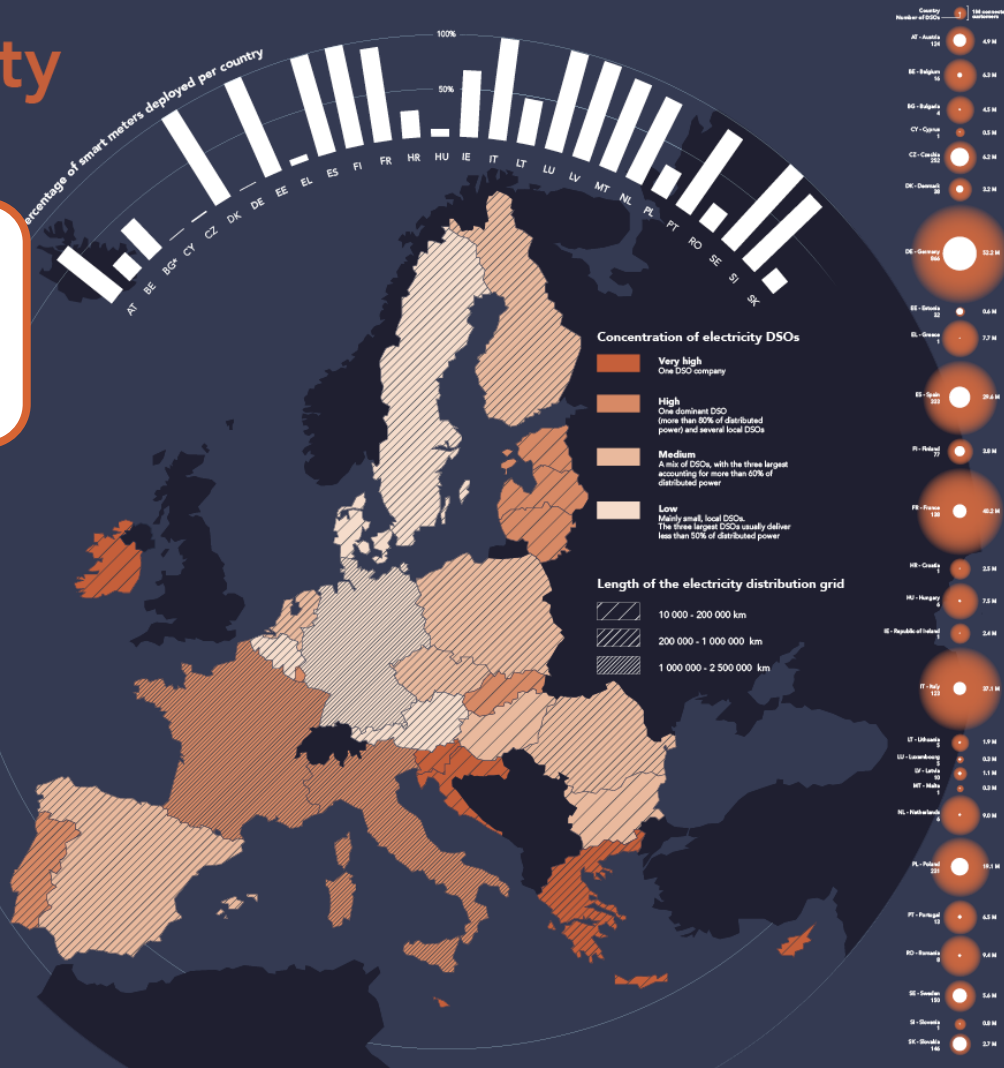
DSO Entity is tasked to **develop future-proof conditions for the electricity system** and to facilitate the energy transition

EU Entity legally mandated by Electricity Market Regulation 2019/943/EU

830 electricity Distribution System Operators (DSOs) of all sizes from all EU 27 Member States

10 million km of power lines (97% of all power lines)
Four million distribution transformers

Connecting +250 million European households

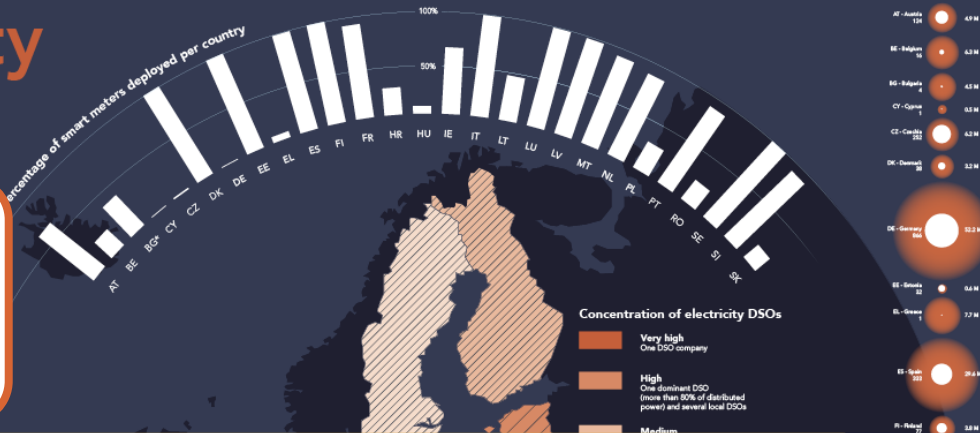


DSOs united in diversity

Enablers of the energy transition

**DSO
ENTITY**
DSOs FOR EUROPE

DSO Entity is tasked to **develop future-proof conditions for the electricity system** and to facilitate the energy transition



EU Entity legally mandated by
Regulation

830 electricity Distribution companies
all sizes from all

10 million km of power lines (97% of all power lines)
Four million distribution transformers

Connecting +250 million European households

Now welcoming gas/H2 DSOs:
203 new members, with
nearly 74 million connected customers

PANEL I: DSO ENTITY - ORIGINS, EVOLUTION, IMPACT

MINI-PANEL: THE WHY

Moderated by

Peter Vermaat

Secretary General, DSO Entity

Catharina Sikow Magny

Professor, Florence School of Regulation (FSR),
former Director at DG ENER

Carmen Gimeno

Secretary General, GEODE

PANEL I: DSO ENTITY - ORIGINS, EVOLUTION, IMPACT

MINI-PANEL: THE HOW

Moderated by

Peter Vermaat

Secretary General, DSO Entity

Sonya Twohig

Secretary General, ENTSO-E

Fay Geitona

Deputy Head of Energy System
Needs Department, ACER

PANEL I: DSO ENTITY - ORIGINS, EVOLUTION, IMPACT

MINI-PANEL: THE WHAT

Moderated by

Peter Vermaat

Secretary General, DSO Entity

Laurence Poirier-Dietz

CEO, GRDF

Jana Palkova

DSO Entity Board Member, E.ON/
Východoslovenská distribučná

Joachim Balke

Head of Unit for Infrastructure
and Regional Cooperation,
European Commission (DG ENER)



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● Q&A Session

TSO-DSO COOPERATION PLATFORM

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DSOs FOR EUROPE

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CONNECTING EUROPE,
ELECTRIFYING THE FUTURE

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Why the need of a joint portal between DSO Entity and ENTSO-E?

Serving as centralised repository for all TSO-DSO joint activities, allowing fast and cost-efficient integration of new joint developments and to ensure effective dissemination.

Main content

- Hosts all existing pages and future joint IT platforms
- Dynamic and accessible version of TSO - DSO Annual Work Plans
- List of deliverables jointly developed between DSO Entity and ENTSO-E

Technopedia

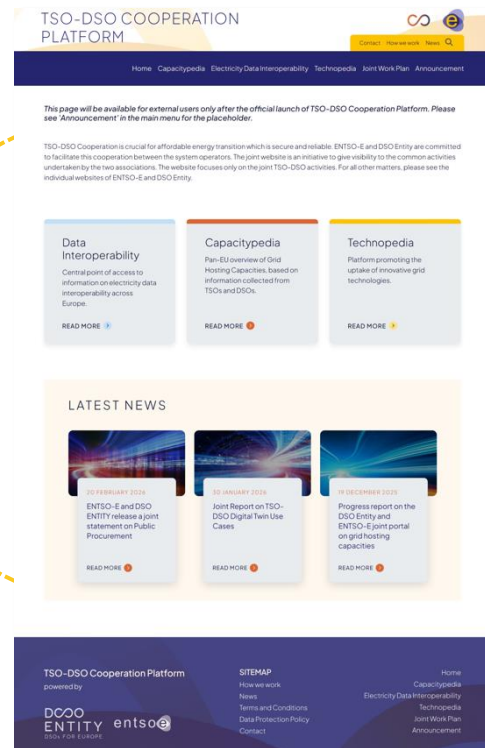
Capacitypedia

Data
Interoperability

Joint
Work Plan

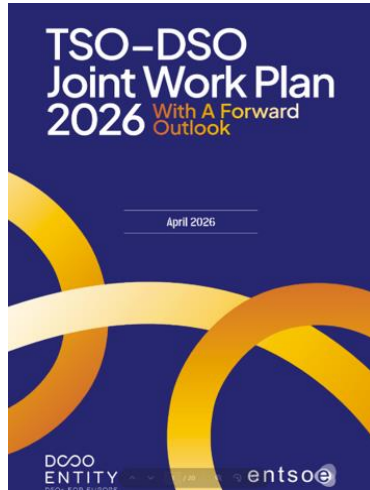


We are online!



With a forward outlook

- The joint **Work Plan** identifies the main areas of cooperation between the two Associations for a given year.
- It covers **new activities** from EU Regulations emerging during the year will be integrated to the workplan.
- The **TSO-DSO Joint Work Plan 2026+** aligns with the individual workplans of ENTSO-E and DSO Entity.



TSO-DSO Joint Work Plan 2026+ (Topic Clusters)



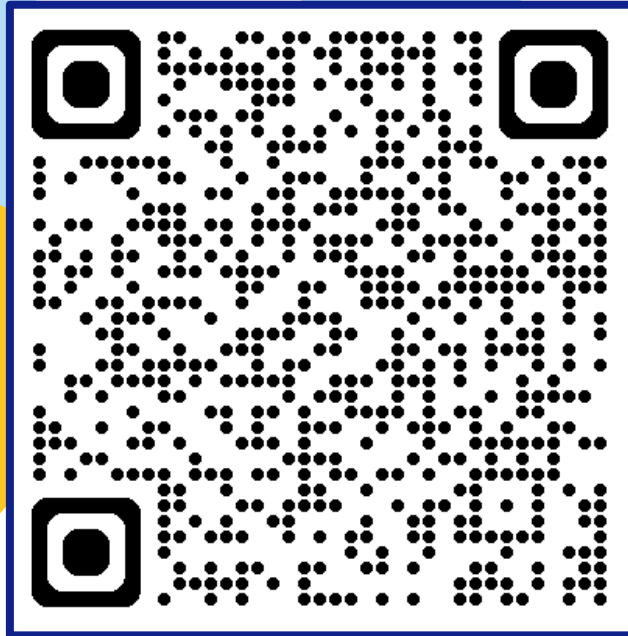
DSO – TSO COOPERATION PLATFORM

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Reliable Sustainable Connected

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Visit the TSO-DSO Cooperation Platform





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Coffee Break

10:50 - 11:20

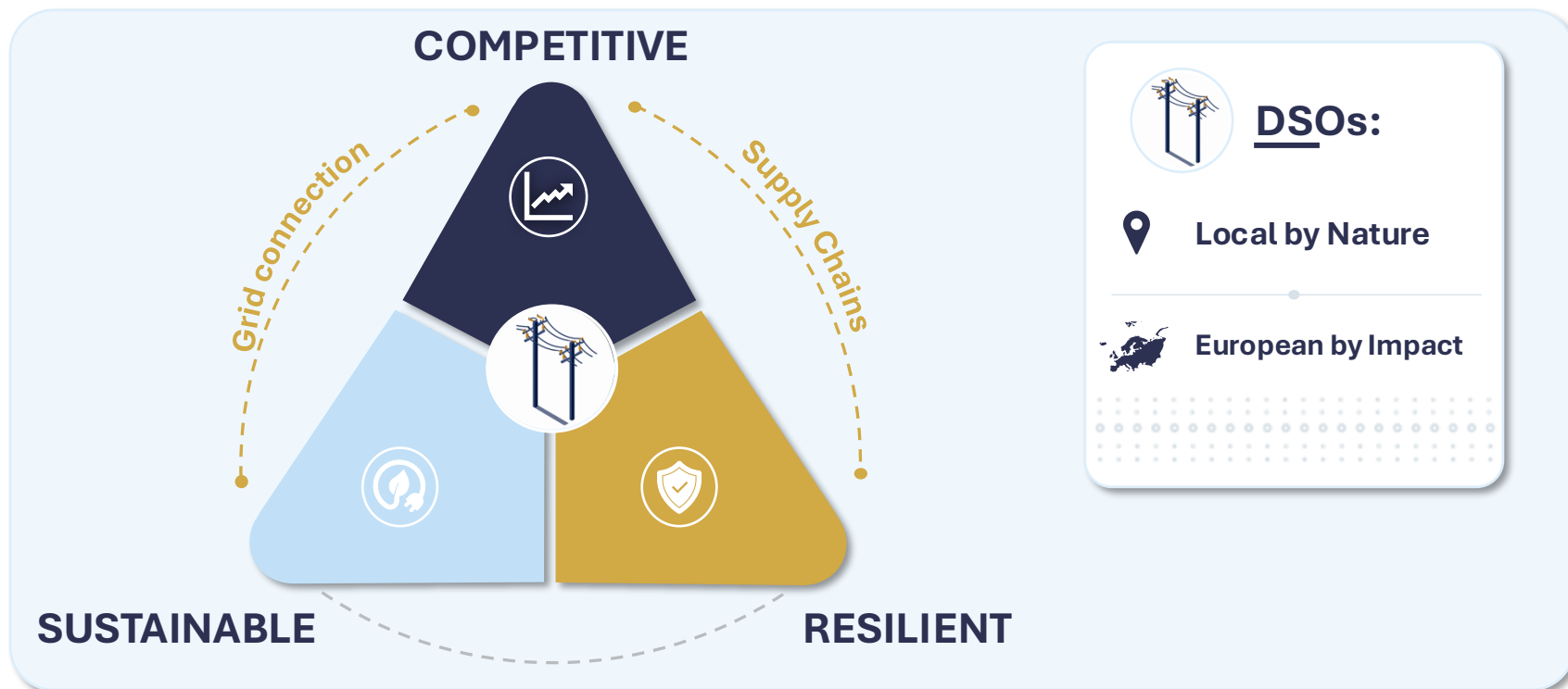
PANEL II

DECENTRALISED NETWORKS CONNECT EUROPE'S FUTURE CHALLENGES AND SOLUTIONS

SQUARING THE CIRCLE: DSOs IN THE MIDDLE OF THE EU's ENERGY TRILEMMA

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PANEL II: DECENTRALISED NETWORKS CONNECT EUROPE'S FUTURE CHALLENGES AND SOLUTIONS

Moderated by

Elisa van Dooren

Teamlead-Strategy, Legal & Regulatory Affairs, DSO Entity

Lukasz Kolinski

Director for Green Transition and Energy
System Integration, European Commission

Erwin Smole

DSO Entity Board Member,
Energie Klagenfurt

Bruno Tobback

Member of the European Parliament,
European Parliament (ITRE)

Adele Naudy Chambaud

VP EU Government Affairs, Schneider Electric

Isabelle Chaput

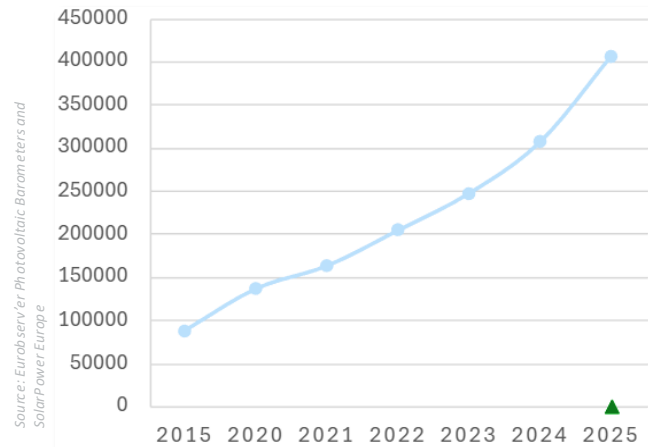
Secretary General, IFIEC

GRID CONNECTION REQUESTS: RAPID INCREASE IN SPEED, VOLUMES & EXPECTATIONS

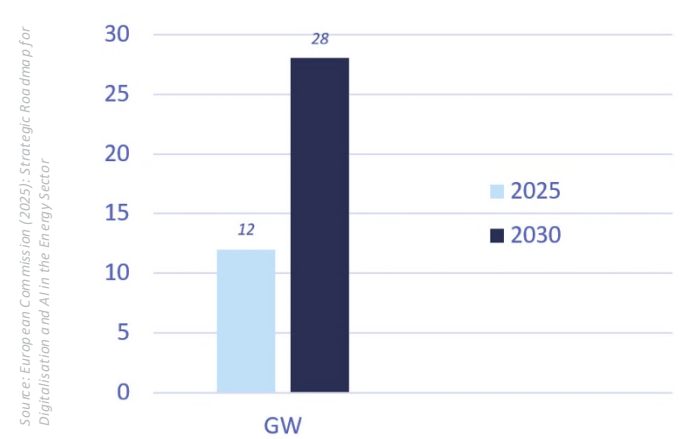
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Rapid growth of installed capacity of Solar photovoltaic (PV) recent years (in MW)



More than doubling of the expected installed capacity of Data Centers in the EU (in GW)



Increase in electricity demand to enable industrial growth, strategic autonomy and decarbonization



Which grid components are currently most challenging for DSOs to procure within the required timelines?

1

Switching equipment

2

Transformers

3

Cables

4

Smart metering devices and IT-equipment

SLIDO CODE: #8115 470

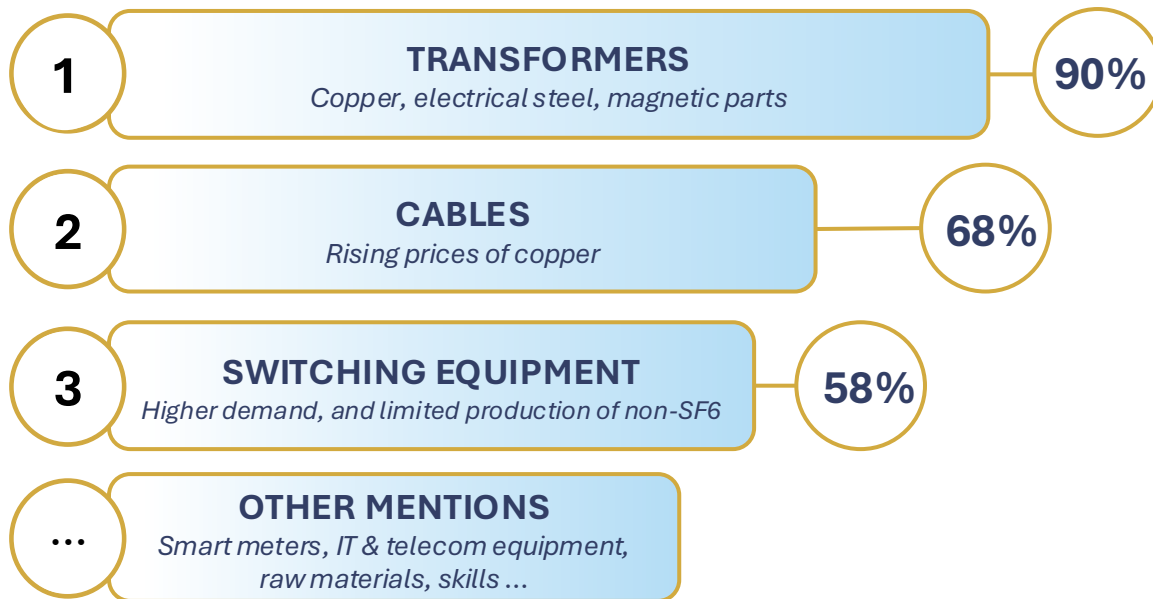


GRID EXPANSION: SUPPLY CHAINS AS INCREASING CHALLENGE

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MOST CHALLENGING TO PROCURE GRID COMPONENTS FOR DSOs*:



According to a survey (2025)** DSO-only demand in **2030** is expected to be **40% higher for cables** and **30% higher for medium- and low-voltage transformers** than in 2021.

*DSO Entity, internal survey (June 2025) of 19 DSOs over 18 countries, differing in size and geography & representing more than 50% of all connections.

** DSO Entity and E.DSO (2025): "DSO and the supply chain challenge". [Available online.](#)

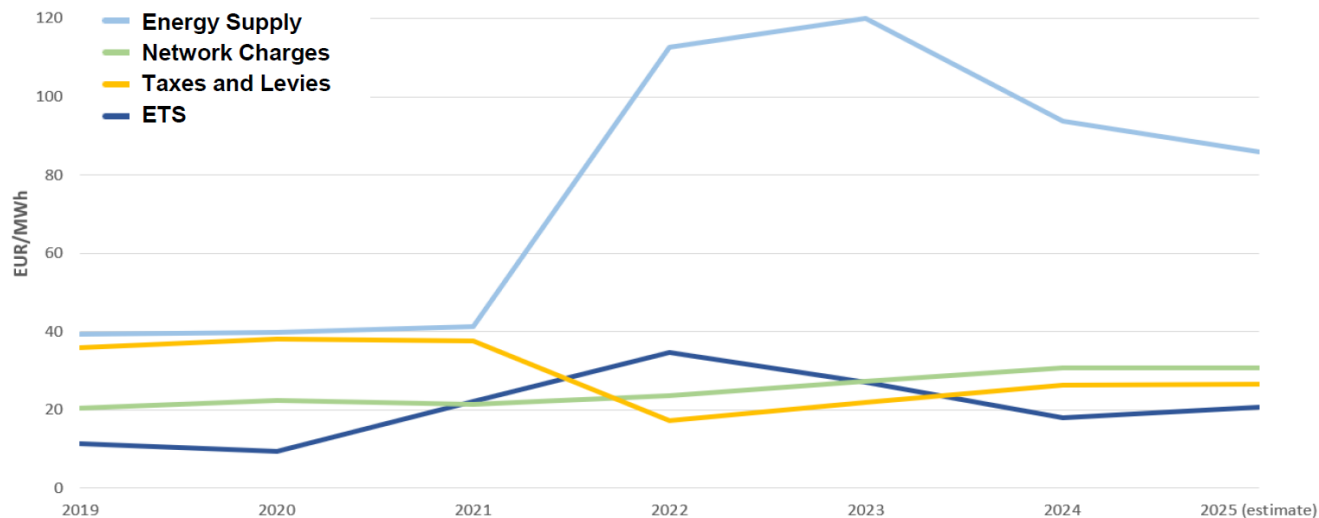
NETWORK CHARGES REPRESENTED ON AVERAGE BETWEEN 24-29% OF THE ELECTRICITY BILL

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The main price drivers in energy component

Breakdown of industrial retail electricity prices (2019 to 2025)



Source: European Commission (2026): Presentation during the European Council Meeting on 19 March 2026.



● Q&A Session

FOUNDING ORGANISATIONS – AWARD CEREMONY

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eurelectric



WELCOMING THE INTEGRATION OF GAS/H2 DSOS

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Uniting DSOs to deliver a just energy transition:

The integration has the ambition to unite DSOs to support the delivery of a just energy transition in a resilient, efficient and sustainable manner.

The institutional role of (enlarged) DSO Entity will improve visibility and positioning of the role of DSOs across energy vectors in advancing the EU's ambition for decarbonisation of the energy system.





CLOSING REMARKS

Vincenzo Ranieri
President DSO Entity

