

Clean Energy. Digital Power. EU Competitiveness

What we ask for:

- 1 Set a **binding EU electrification target** of at least **32%** by 2030
- 2 Accelerate grid digitalisation by **measuring and rewarding grid performance**
- 3 **Speed up** industrial **permitting and grid connections** for digital infrastructure

Our members are leading by example:

Siemens AG

Saving money through digital grid management

Areti uses digital grid management to cut hardware investments by up to 45%, saving €420 million of public money over eight years.

Tesla

Cutting timelines for data centre integration

Tesla connected a 130 MW on-site AI data center with Megapack battery storage systems, with megapacks capable of deployment within 6-14 months.

Schneider Electric

Powering plants decarbonisation

Schneider Electric and Iberdrola España have built a microgrid, helping a plant to become a "Zero CO2 Factory" with a 24% efficiency gain since 2019

Danfoss

Saving energy, sharing heat

A smart supermarket cuts energy use by up to 50% while supplying surplus heat to the district heating network.

Microsoft

Scaling intelligence for grid stability

50Hertz uses AI for grid optimisation, scaling calculations from 100 to 1 billion per second.

Public Power Corporation

Turning energy transition into regional growth

PPC is turning former lignite sites in Western Macedonia into a green energy and tech hub.

SAP

Providing clean cloud infrastructure to businesses

SAP has powered its global data centres on 100% renewable electricity since 2014, and provides AI-enabled tools to energy companies.

A deeper dive:



SIEMENS AG

In Italy, Areti, Rome's electricity distribution system operator (DSO), is using digital grid management through the RomeFlex project to reduce hardware investments by up to 45%, saving an estimated €420 million of public money over eight years.



DANFOSS

In Denmark, a smart supermarket integrates its cooling, heating, and lighting systems to achieve up to 50% in energy savings, capturing surplus heat from its refrigeration to supply the local district heating network.



PUBLIC POWER CORPORATION

In Greece, PPC is transforming former lignite sites in Western Macedonia into a green energy and technology hub for Greece and Southeastern Europe. The plan combines more than 3 GW of renewable generation, more than 1 GW of energy storage capacity and a mega data centre with an initial capacity of 300 MW, scalable to 1 GW. By redeveloping existing industrial sites and infrastructure, PPC is providing a concrete example of how decarbonisation can support regional development and employment.



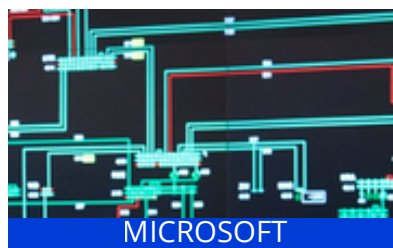
SAP

SAP has powered its global data centres on 100% renewable electricity since 2014- providing the clean cloud infrastructure that enables businesses worldwide to reduce their own value chain emissions. EDF Power Solutions, a clean energy company operating solar and wind installations, uses SAP AI-enabled digital tools to equip over 10,000 renewable energy technicians with mobile-based, paperless field operations. This has eliminated manual paperwork entirely and cut administrative time by nearly two hours per service operation- enabling faster, safer maintenance of clean energy infrastructure at scale.



TESLA

In Austin, Texas, Tesla connected a 130 MW on-site AI data center with Megapack battery storage systems: 260 MWh behind-the-meter for backup power, and 250 MWh front-of-the-meter for wholesale electricity market participation. Megapacks can be deployed in 6 to 24 months from inception to operation, accelerating the integration of AI data centres into the grid without waiting for multi-year network upgrades.



MICROSOFT

In Germany, 50Hertz, a transmission system operator (TSO), uses AI for grid optimisation, scaling calculations from 100 to 1 billion per second to test network configurations faster and strengthen grid stability. Microsoft also continues to improve efficiency across their CPU and GPU fleets, deploy more efficient infrastructure and cooling technologies, and design data centers that deliver more computing capacity with lower resource intensity. In 2025, their average PUE in EMEA was 1.16, with new-generation data centers designed with a PUE of 1.12



SCHNEIDER ELECTRIC

In Spain, Schneider Electric and Iberdrola España built a microgrid at the Molins de Rei plant near Barcelona, helping it become a "Zero CO2 Factory" with a 24% efficiency gain since 2019 and 2,250 tonnes of CO2 cut annually.