

Swedenergy's feedback on the EU 'Electrification Action Plan'

The EU [Electrification Action Plan](#) is an upcoming initiative from the European Commission aimed at accelerating electrification across Europe's energy system. Its purpose is to support the EU's climate targets, strengthen competitiveness and energy security, and ensure that the energy transition is cost-effective for consumers and businesses.

Swedenergy supports the Electrification Action Plan and sees electrification as a key enabler of Europe's energy transition. The Action Plan should clearly show how electrification and flexibility can deliver a cost-effective, secure and climate-neutral energy system. With clear priorities, stable regulation and the right incentives, electrification can become the backbone of Europe's energy transition and a strong foundation for long-term growth.

Decarbonisation must guide the plan

Climate change is already causing significant social and economic impacts. From Swedenergy's perspective, EU climate legislation, including ETS1 and ETS2, is already making fossil-based activities increasingly uneconomic and the Carbon Border Adjustment Mechanism (CBAM) is necessary to protect EU industry while maintaining high climate ambition. A continued dependence on imported fossil fuels weakens EU competitiveness and energy security.

Decarbonisation is therefore not only a climate issue, but also an economic and geopolitical priority. Electrification based on clean electricity is widely recognised as the most efficient and cost-effective way to decarbonise the energy system. Over the next 10–15 years, electrification will be the single most important driver of emissions reductions in Europe. Electrification also reduces reliance on imported fossil fuels, strengthens industrial competitiveness and contributes to lower long-term system costs. The Electrification Action Plan should clearly communicate these benefits and explain why electrification is central to Europe's future energy system.

Swedenergy supports the EU's proposed climate target of a 90% reduction in net greenhouse gas emissions by 2040 compared to 1990 levels. This target is a key driver for electrification and investment across the energy system. Swedenergy emphasise that:

- I) a clear 2040 target provides predictability and investment confidence,
- II) existing legislation, such as the Fit-for-55 package, must be fully and swiftly implemented, and
- III) long-term regulatory stability is essential – adopted legislation should not be fundamentally changed.

When it comes to flexibility, it is a prerequisite for a future-proof and cost-efficient power system. As electricity demand grows and the share of variable renewable generation increases, flexibility helps maintain system reliability while keeping costs down.

Finally, Swedenergy highlights the importance of demand-side flexibility – including smart charging and load shifting, energy storage solutions – both short-term and long-term, smart grids and flexible

connection agreements, and proportionate regulation and targeted support where markets alone are insufficient.