



KEEPING THE DIGITAL AND GREEN TRANSITION TO E-MOBILITY ON TRACK AMID AN ENERGY CRISIS

8 September 2022

The European Union is facing the unprecedented, short-term challenge of managing shortages, extreme price volatility and high prices in gas and electricity markets while also confronting the climate crisis and managing the transition to cleaner, more resilient and sustainable energy systems.

It is of critical importance that the long-term objective of decarbonization and the digital and green transition to e-mobility are not sacrificed as EU institutions and national governments seek to alleviate short-term pressure.

The transition to a decarbonized, electrified transport system is key to eliminate emissions from road transport, the 2nd largest source of greenhouse gas emissions in Europe. A large number of distributed batteries (EVs and stationary storage) connected by smart charging infrastructure will enable the vast deployment of more wind and solar energy resources envisaged by the RePowerEU plan.

Short-term energy market interventions, as well as future energy market design, can be designed so as not to undermine the EU electrification objectives (e.g., electric vehicles). **To keep the digital and green transition to e-mobility on track and address the energy crisis, the EU can:**

- **Unlock decentralized energy resources.** The Council General Position for the Renewable Energy Directive recast already stresses the role of “*small or mobile systems such as domestic batteries and electric vehicles*” to “*participate in the electricity markets, including congestion management and the provision of flexibility and balancing services.*”
- **Empower charge point operators to provide instruments like managed charging or vehicle to grid systems to add flexibility to the energy system,** which in turn can then accept even more renewable energy resources.
- **Reassert the importance of locally produced electricity, especially from renewables,** to provide energy security and end the reliance on imported oil over the medium to long term.

As EU energy ministers meet to discuss energy market interventions and energy market design, we urge EU institutions and national governments to maintain focus on the long term importance of transitioning to a cleaner energy system. The EV charging infrastructure industry is ready to work with them as Europe charts its way out of the current energy crisis.