



European
Semiconductor
Industry
Association

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Semiconductor innovations help Europe achieve smart mobility objectives

As part of the European Green Deal, the European Commission today announced a comprehensive “*Sustainable and Smart Mobility Strategy*”. The European Semiconductor Industry Association (ESIA) welcomes the initiative to ensure that Europe has a future transport sector fit for a clean, digital and modern economy.

One of the EU’s key objectives with this strategy is to deliver a 90% reduction in transport-related greenhouse gas emissions by 2050 to support the EU’s aim to become the first climate neutral continent. The European semiconductor industry is instrumental in developing critical technologies that enable current and future transport and mobility options to be more energy-efficient, more connected, and to assist in the realisation of the electric car. President & CEO of *STMicroelectronics* and ESIA President Jean-Marc Chéry said: “*The European semiconductor industry welcomes the EU strategy proposed today by the Commission and looks forward to innovate in European mobility systems and contribute to a smarter, more sustainable future*”.

Smart mobility is driven by a number of trends – connectivity, electrification, and autonomous driving – who are significantly enabled by various semiconductor components. The on-going shift to smarter mobility solutions is made possible by semiconductors embedded in connected and electric vehicles and their infrastructure. European semiconductor companies are leading suppliers for advanced automotive semiconductors. Without its innovations, modern battery control and energy management wouldn’t be able to extend the range of electric and hybrid cars. High-voltage power semiconductors play a key role for significant fuel savings by enabling more efficient energy recuperation in vehicles.

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About ESIA: *The European Semiconductor Industry Association (ESIA) is the voice of the semiconductor industry in Europe. Its mission is to represent and promote the common interests of the Europe-based semiconductor industry towards the European institutions and stakeholders in order to ensure a sustainable business environment and foster its global competitiveness. As a provider of key enabling technologies, the industry creates innovative solutions for industrial development, contributing to economic growth and responding to major societal challenges. Being ranked as the most R&D-intensive sector by the European Commission, the European semiconductor ecosystem supports approx. 200.000 jobs directly and up to 1.000.000 induced jobs in systems, applications and services in Europe. Overall, micro- and nano-electronics enable the generation of at least 10% of GDP in Europe and the world.*