

Innovations and Challenges in the Transition to Electric and Sustainable Mobility: Technological and Strategic Perspectives

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Summary:

This presentation will explore the technological innovations, economic challenges, and environmental issues associated with the transition to electric and sustainable mobility. Drawing on concrete case studies, it will present innovative solutions for optimizing charging infrastructure, enhancing the performance of electric vehicles, and integrating renewable energies into transportation networks.

The presentation will highlight projects such as the development of charging station infrastructure in Morocco and address challenges related to the mass adoption of electric vehicles, including energy demand management, electrical grid resilience, and the value chain of electric mobility. Finally, strategic recommendations will be proposed to overcome technical, economic, and social obstacles in order to build a sustainable and resilient mobility ecosystem.