

## Special Issue

# Recent Developments in Practical Demonstrations of V2G Technologies

### Message from the Guest Editors

We invite researchers, practitioners, and industry experts to submit their original research and case studies on the latest advancements in Vehicle-to-Grid (V2G) technologies. This Special Issue aims to highlight practical demonstrations and real-world applications that showcase the potential of V2G systems in enhancing grid stability, optimizing energy use, and supporting the integration of renewable energy sources. Topics of interest include, but are not limited to, the following:

- **Innovative V2G pilot projects:** Detailed case studies and outcomes from recent V2G implementations.
- **Optimization techniques:** AI-driven algorithms and machine learning methods for improving V2G operations.
- **Economic and environmental impacts:** Analysis of cost benefits and sustainability contributions of V2G systems.
- **Policy and regulatory frameworks:** Insights into legislative advancements and challenges in V2G adoption.
- **User experience and engagement:** Studies on user participation and satisfaction in V2G programs.

### Guest Editors

Dr. Mattia Marinelli

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### Deadline for manuscript submissions

closed (31 March 2025)



## World Electric Vehicle Journal

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## About the Journal

### Message from the Editor-in-Chief

The *World Electric Vehicle Journal* is the official journal of the World Electric Vehicle Association (WEVA) and its members the European Association for Electromobility (AVERE), the Electric Drive Transportation Association (EDTA), and the Electric Vehicle Association of Asia Pacific (EVAAP). Since its foundation in 2007, the journal has aimed to provide a publishing platform for the academic and industrial world to share the latest developments and knowledge about electric vehicles. If you are developing Electric, Plug-in Hybrid, Hybrid Electric, or Fuel Cell Vehicles, we cordially invite you to consider us as the place for you to publish your latest results and innovations.

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### Editor-in-Chief

Prof. Dr. Joeri Van Mierlo

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