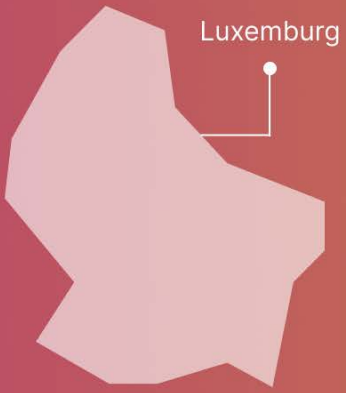
EnerTEF

TEF EV Node

TEF EV is a dynamic testing environment focused on supporting the integration of electric vehicles (EVs) into diverse energy ecosystems, particularly Energy Communities (ECOs). It offers a real-life setting for testing and experimentation, enabling the development and adoption of AI-driven smart charging solutions, designed to adapt to user habits and ECO dynamics.



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Services

01 EV-Centric Flexibility and Ancillary Services Optimization for CO_2 and Cost Reduction

02 AI-Enhanced Multi-Agent Testing for V2G Applications

03 Battery & EV EMS Optimization for PV Self-Consumption

04 Wind Generation Forecasting for EV-Integrated Energy Communities

05 Localized PV Generation Forecasting for Smart Energy Communities

06 EV-Driven Demand Forecasting in Energy Communities

07 Private/Public EV-User Charging and Usage Profiles Prediction

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