

eplan



Planning and Design Software for Electric Buses & Charging Infrastructure

Bus Fleet Electrification Made Easy

eplan is purpose-built for planning the electrification of bus fleets and draws on more than 15 years of project experience from ebusplan. The software combines vehicle and infrastructure sizing with operational planning in a seamless workflow.

eplan empowers technical experts, fleet and infrastructure managers, as well as operations planners, to make informed and effective decisions.

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Simulation Analysis Optimization



Detailed simulation, dimensioning, and design of complete bus fleets and their EVSE infrastructure with just a few clicks.



Develop operational strategies and charging concepts using a block optimizer specifically designed for electric buses.



Create and evaluate a wide range of scenarios and conduct "what-if" analyses with ease.

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A Range of Essential Tools for Planning Electric Buses and Designing Charging Infrastructure

- Analyze your operations and simulate the vehicle deployments with various vehicle types, charging strategies and technical configurations
- Develop custom operational concepts with an optimizer specifically designed for electric buses, including opportunity charging, interlining (route-changing blocks), multiple depots, and much more
- Plan your charging infrastructure, determine the required number of chargers, calculate grid load profiles, and create detailed charging plans with smart charging solutions
- Create and evaluate a wide range of scenarios and conduct "what-if" analyses with ease
- Validate tenders and offers from suppliers
- Understand your energy demand and plan your energy procurement efficiently

