

Project Facts


- Politically mandated CO2-neutrality for the transportation association by 2027
- Complete electrification of all 14 bus lines and/or all 83 fossil-powered busses by 2027
- Many unanswered questions regarding technical requirements and economic effects
- Services by The Mobility House: Feasibility Study | Infrastructure Design

Basler Verkehrsbetriebe prepare for an electric future

The first step to successful electrification — away from fossil fuels and towards electrically powered busses — is good planning. The Basler Verkehrsbetriebe agrees. In cooperation with The Mobility House, they carried out a comprehensive study that examined not only the technical and operational requirements, but also the economic consequences of converting to the new system. Along with completing detailed analyses of the bus routes, scheduling requirements and the future energy and power needs of the electric bus fleet, specific hardware and software recommendations were agreed upon and the associated costs calculated.

Advantages of the concept from The Mobility House

- **Transparent:** The technical feasibility and the resulting economic consequences were objectively evaluated.
- **Neutral:** We offer manufacturer-independent recommendations for hardware and software components.
- **Comprehensive:** Precise information about construction measures, number of vehicles, and capacity of the grid connection ensure that the charging infrastructure can be operated safely
- **Future-oriented:** Smart charging management systems are taken into account when considering the charging infrastructure and making recommendations for the required operational modifications.

 *The team from The Mobility House won us over with their extensive expertise, practical experience and their willingness to take our customer's specific circumstances and issues into account to the greatest extent possible. Many thanks for accompanying us on our path to an electric future!*

Pascal Lippmann
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[Basel Public Transport]