Swiss Electric and Hybrid Buses

The bus operator Eurobus is using hybrid buses for climate-friendly passenger transport. Photo: Eurobus

The FOEN-certified climate protection programme promotes the use of alternative drive technologies on Swiss roads. Replacing conventional diesel buses with electric and hybrid buses cuts down on fossil fuels and thus avoids CO₂ emissions.

The number of electric and hybrid buses on Swiss roads remains small. Conventional diesel buses are still the first choice for new acquisitions. Key reasons for this are the high investment costs for electric and hybrid buses and the lack of experience.

The climate protection programme encourages the purchase of electric and hybrid buses. As a FOEN-registered programme, reduction certificates issued by the FOEN can be purchased for reductions in CO₂ emissions generated by the electric and hybrid buses. The proceeds from the sale of the certificates enable bus operators to plan their capital outlays more profitably in the medium term. The support programme runs until at least 2030, subject to demand for certificates based on the revised CO₂ law of 1 January 2021.

This project contributes to two SDGs:

- SDG 11: The programme contributes to a sustainable urban development und helps to avoid air and noise pollution.
- SDG 13: E-buses save between 60-90 tons of CO2 and hybrid buses between 15-20 tons of CO2 compared to conventional diesel buses.

Interested?

Use our contribution calculator to calculate the individual subsidy contribution for your company. The programme is open to both public transport operators as well as private bus companies throughout Switzerland.

Contact

Project type:
Energy Efficiency

Project location:
Switzerland

Project status:
In operation, credits available

Annual CO₂ reduction:
1300 t

Situation without project
Use of buses with conventional diesel motors

Contribution to the SDGs

Project standard

Participants

FOEN/SFOE

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Impressions

The participating partners are doing pioneering work in spreading acceptance of electric and hybrid mobility. The picture shows a hybrid bus of the VBZ. Photo: VBZ

In the Regionale Verkehrsbetriebe Baden-Wettingen (RVBW), the project has also been able to gain a public transport company as a partner. Photo: RVBW
Lucerne transport operations make use of three latest-generation hybrid buses. They are testimony to the VBL’s awareness that innovative technology should take into account environmental aspects too. Photo: VBL

The programme is still open for bus operators to take part. Photo: VBZ