

## Energiehaus Emmendingen – Emmendingen

*A municipal campaign to improve energy efficiency in the private housing sector*



Private housing consumes roughly 1/3 of total energy use in Emmendingen. In order to achieve climate neutrality of its housing stock by 2050 the renovation rate needs to be increased to 3 percent annually.

To this end the city kick-started the promotion of energy-efficient homes in its largest district „Bürkle-Bleiche“ in 2013 (1000 buildings). The initial energy efficiency campaign „Bürkle-Bleiche“ (2014-15) consisted of four essential elements: extensive public relations work, dialogue-oriented advice by professional consultants, a municipal grant program to support home owners to seek professional advice and the publication of model projects. The district level turned out to be the ideal terrain to develop, implement and test strategies to stimulate energetic refurbishment.

Based on the successful implementation on district-level the energy efficiency campaign was scaled-up in 2016 to cover the whole municipality and re-branded as „Energiehaus Emmendingen“. Between 2016 and 2021 this campaign was financially supported by the state of Baden-Württemberg und the European EFRE fund. Since the start of the energy-saving campaign the city processed 850 inquiries of homeowners seeking advice on how to improve energy efficiency of their homes (17% of total home owners). 530 homeowners took up the city's offer to receive a visit of a professional energy consultant for free. Follow-up professional energy counselling was supported by the city approving 581 grants at a total cost of 344.000 Euro. The use of the city's energy-saving counselling grant program proved to be pivotal to stimulate energetic refurbishment activities in the private building stock. Homeowners invested an average of 128.000€/building, resulting in a reduction of energy usage of 28.000 kWh/a and 7t of CO2 emissions/building. The target of 3% renovation was reached in 2019.

In 2020, the city council decided to continue the municipal campaign “Energiehaus Emmendingen” for improving energy efficiency in private homes.

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