



Energiekarawane: Case Study of the Schwabmünchen Energy Caravan

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Przedstawicielstwa Niemiec
w Polsce



25 lat dobrego
sąsiedztwa
25 Jahre gute
Nachbarschaft

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Political Context in Germany

- Three levels – Federal, State and Municipal
- *Grundgesetz* lays out different competencies for each level
- *Klimaschutzkonzepte* (Climate Protection Concepts)
- Master Plan Municipalities



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Klimaschutzkonzept – Schwabmünchen

- Climate Protection Concept 2014
- Developed in cooperation with community stakeholders and external experts
- Major pillar – heating and buildings
- Focus not only on global climate change but also the energy costs and needs of the community





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What is an Energy Caravan?

- Free independent energy consultation/inspection for private households – “cellar to the roof”
- Originates from the Rhein-Neckar metropolitan area
- **Sector:** Energy efficiency/use in private households
- **Target:** older building stock (1950s-1970s)
- **Cost:** 5000-10000 EURO
- **Timeframe:** 4-6 weeks for one caravan, 1 hr per house



Mögliche Energieeinsparung bei
Einzelsanierungsmaßnahmen.



- Energy modernization – conserve energy/reduce costs, weaknesses, outside and inside technologies
- Information and Q&A on renovation options, funding possibilities, costs
- Funded by local banks, federal agencies and the municipality itself



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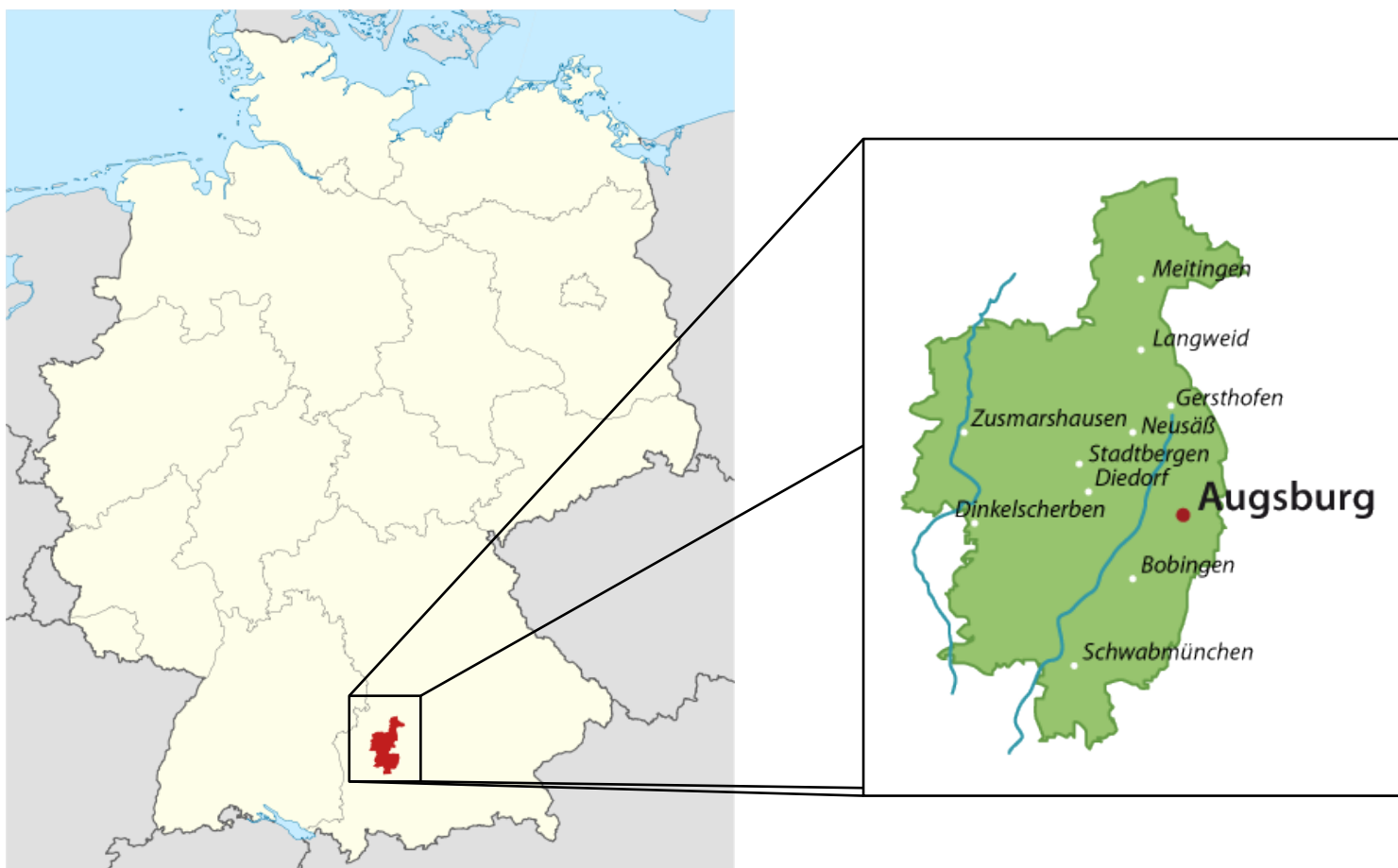
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Energy Caravan: Schwabmünchen





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Energy Caravan: Schwabmünchen

- Augsburg was the first to implement the idea after it was invented
- First in 2015, repeated in March-April 2016
- Responsible agencies:



- Four-five independent energy experts
- Funding: Augsburg Energieagentur and the city of Schwabmünchen
- Cost: 5000€



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Energy Caravan: Schwabmünchen

District selection

- High share of old buildings (1950-1970)
- Low energy efficiency rating (high heating requirement)

Contacting citizens

- Every household invited to take part (e.g. 251)
- Addressed personally by the mayor

Kick-off event

- Marks official start
- Press release, flyers and other dissemination materials

Energy Caravan visit

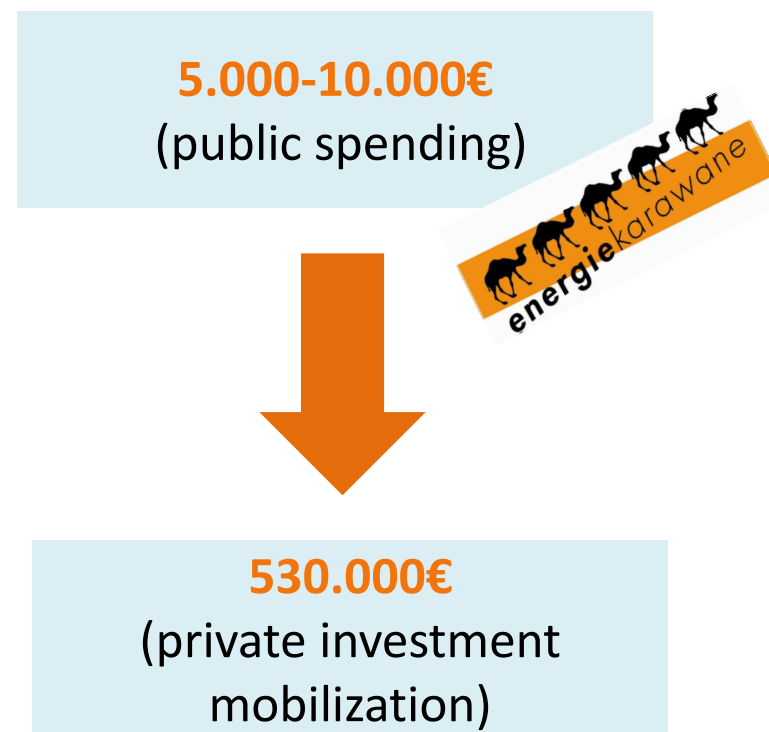
- Timeframe: 4-6 weeks
- Consultations conducted (1 hour each)

Assessment and follow up

- Consultation protocols
- A year later: questionnaire to participating households

Energy Caravan: Outcome

- Greater Augsburg region consultation rate: **between 25% and 50%**
- Schwabmünchen: 57%
- One year later: **60% of participating households** invested in energy-related measures (average cost: 20000 EURO)



Innovative Elements

- Private, in the comfort of your home – most energy consultations are offered in council halls or by energy agencies
- Free of charge and neutral
- Easily transferable





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Thank you for your attention!

For further information and questions:

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