



# **Showcase local communities, buildings, heat supply and mobility – Portfolio of KEA-BW**

Swedish-German Energy Webinar  
Dr.-Ing. Martin Sawillion, 20 october 2020

# Support for local communities

## KEA-BW and its competence centers (CC)



### KEA-BW:

- Climate protection and energy agency of Baden-Württemberg
- 100 % owned by the state
- Ltd., but non commercial, impartial
- 30 places, 40 people



### Our mission:

- to look at and evaluate the market
- to offer information
- to organise events
- Initial consulting
- to build up and manage networks

### All our services are ...

- ... non-discriminating
- ... available for everyone
- ... free
- ... transparent



and since 09/2019:  
+ Kompetenznetz Klima Mobil

# A View on a local community

## Strategy

Politicians, councils,  
administration

Citizens,

civil society, culture

## Implementation



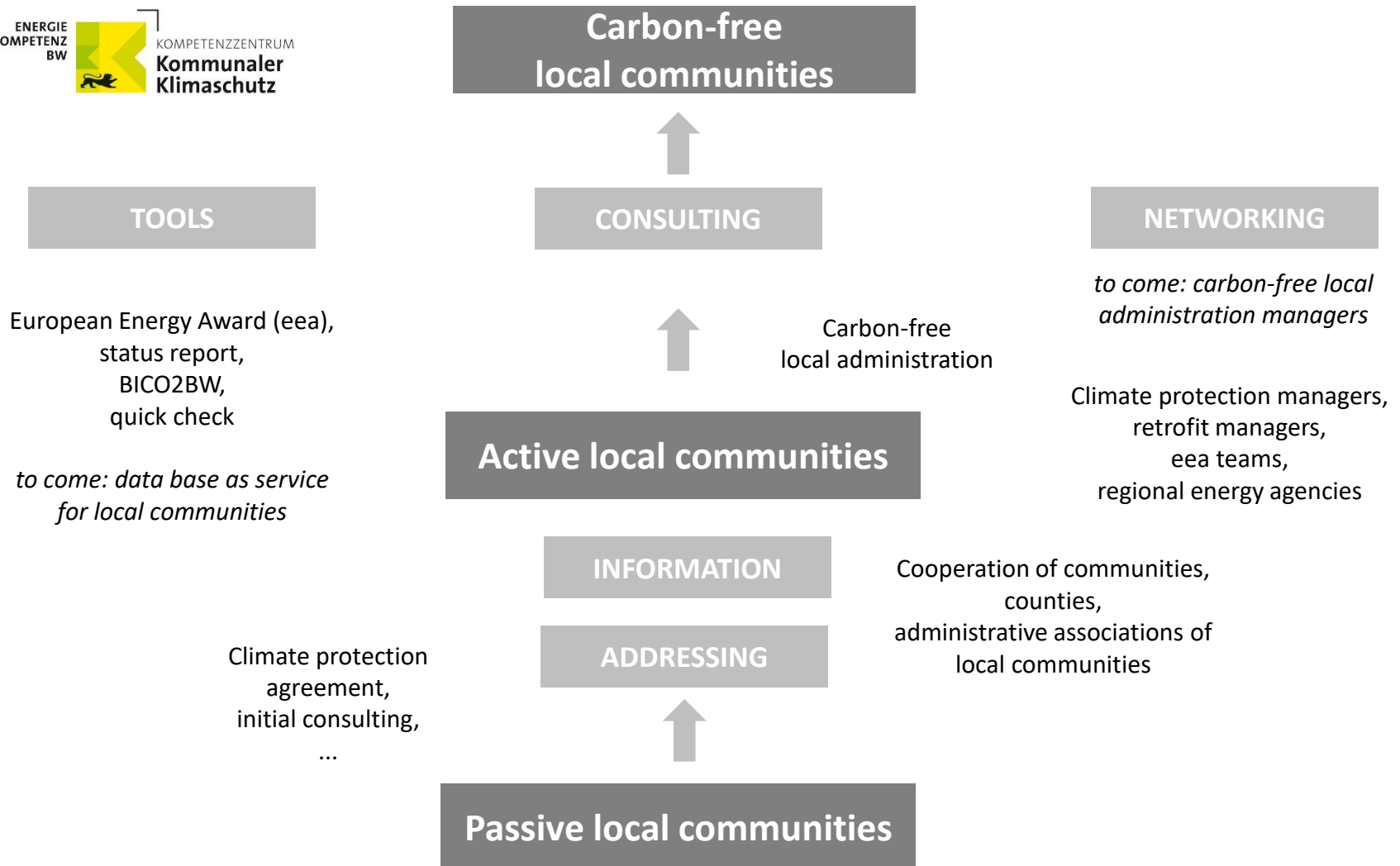
## Campaign

Industry and commerce/trade,  
cooperatives,  
associations

*media*

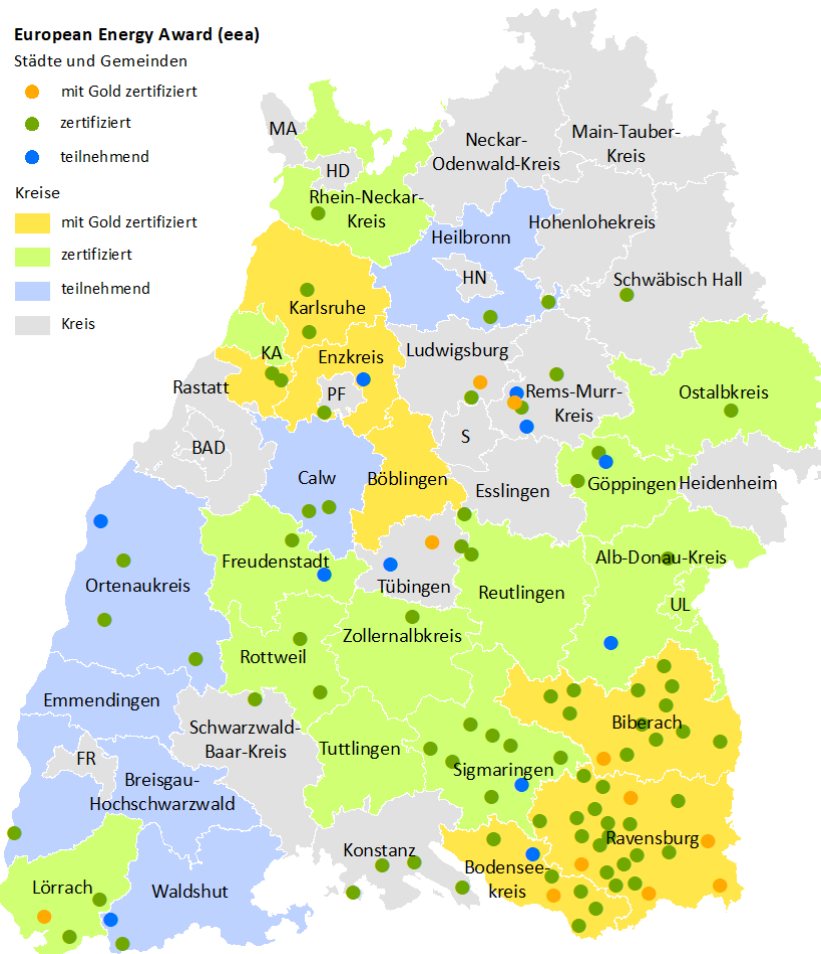
*neighbour municipalities*

# Activities of CC Kommunal Klimaschutz = climate protection in local communities



# Professional climate protection: European energy award (eea)

## eea in Baden-Württemberg



- Systematic and effective climate protection activities
- Start of pilot projects in 2006
- Currently 140 participating communities
- 100 of them certified (15 eea Gold)
- KEA-BW = eea-BW office
- Consultants mostly from regional energy agencies
- eea participants funded by state grant programme



Quelle: Umweltministerium Baden-Württemberg



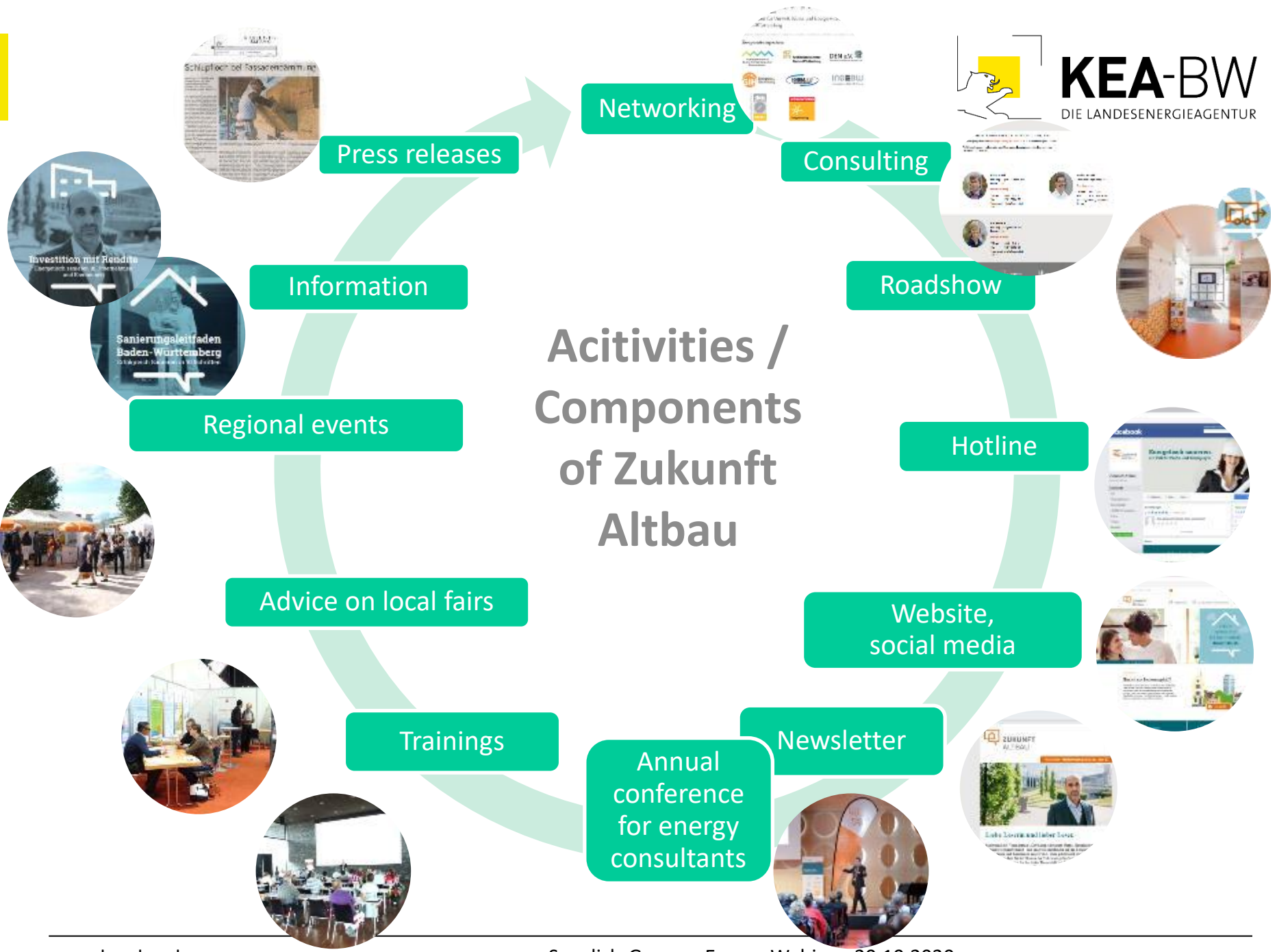
**„First League“:  
European Energy  
Award (eea)**

# Zukunft Altbau - A future for old homes

- Impartial information and marketing programme funded by the state of Baden-Württemberg
- Informs private home owners and owners of non residential buildings (i. e. local communities) about retrofit
- Objective: more and better retrofits
- Qualified energy auditors with impartial and competent consulting
- Partners: associations of architects, craft and energy auditors







# CC Contracting: Energy Saving Performance Contracting (third party financing)

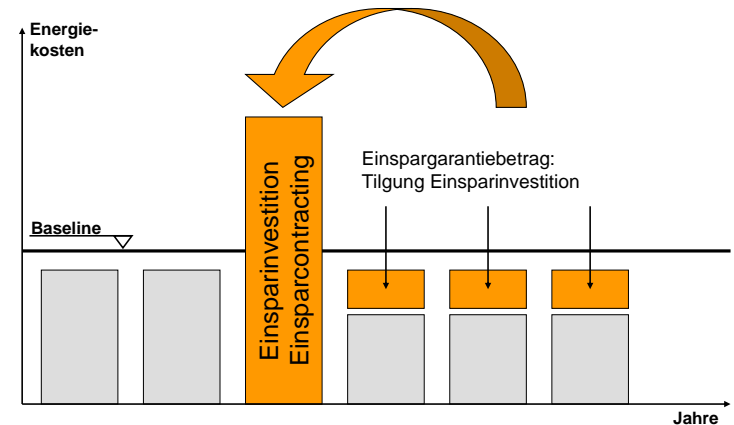
## The idea behind:

- Professional investor (the contractor) realizes cost-efficient measures
- Energy savings pay for the investment
- Client can concentrate on his own business
- Contractor runs the system professionally and guarantees savings

## Project management: KEA-BW's role in contracting-projects

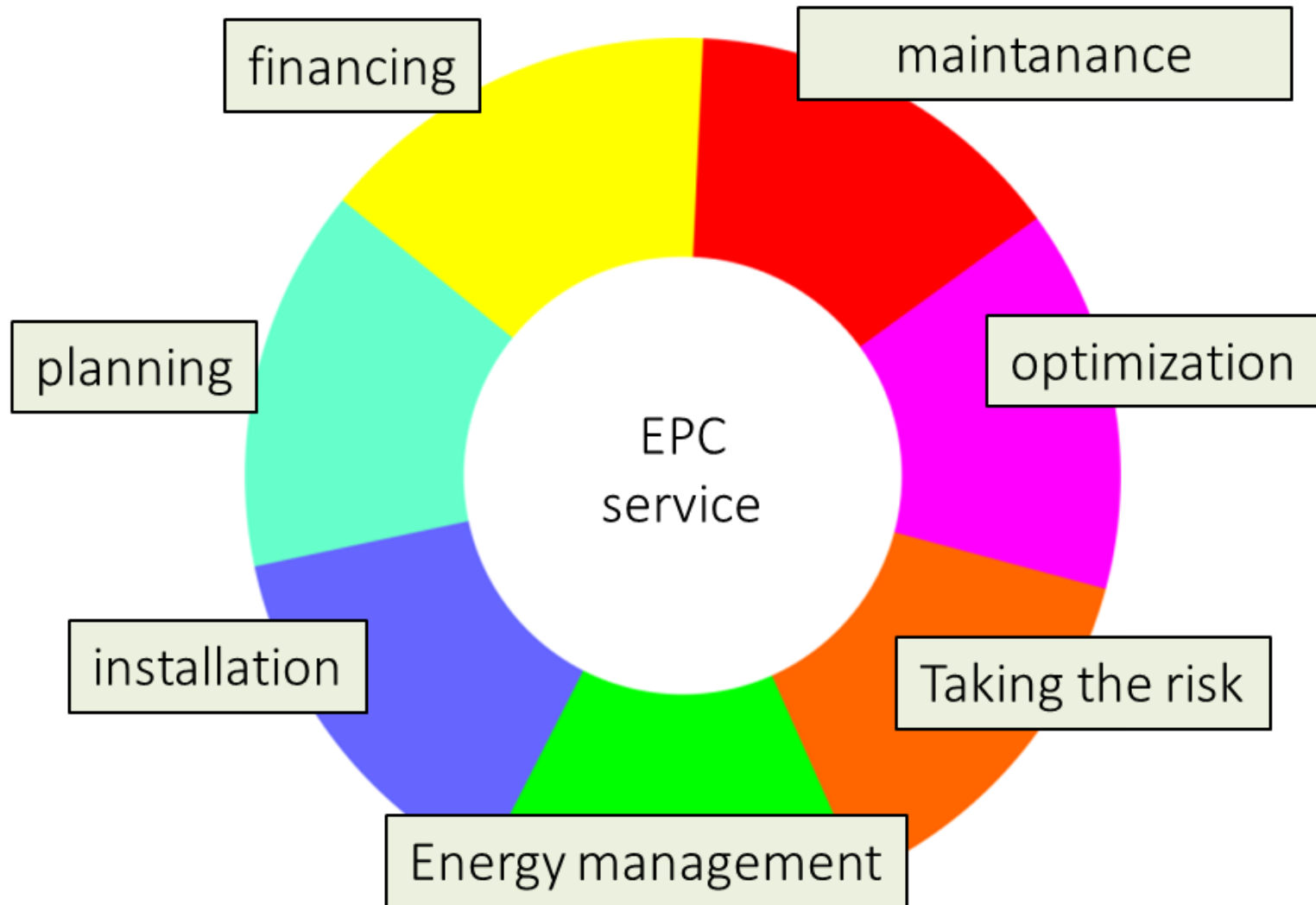
- What are the customers objectives?
- Tendering procedure
- Gathering and evaluation of primary data (specific energy consumption...)
- Evaluation of bids (technical/economical)
- Contract management
- Supervise energy management

Prinzip Einsparcontracting:  
Der Contractor lebt von den Einsparungen





# Components / Benefits of EPC



# CC Wärmewende = U-Turn concerning heat

## Support for local heat plans



Basis: Klimaschutzgesetz BW = state climate protection act  
=> Larger cities (around 100) have to develop heat supply plans!  
(Smaller cities and villages will be funded ...)



### Tasks of CC:

- to support heat supply planning of local communities
- to support realization of heat supply plans
- to support heat pipe systems, renewable heating systems, use of waste heat, CHP-systems
- to support regional consultants (often: regional energy agencies)
- Cooperation with / experiences from Denmark

# Mobility – our experience and credo: **Pull** for sustainable mobility is only effective with **push** against automobility

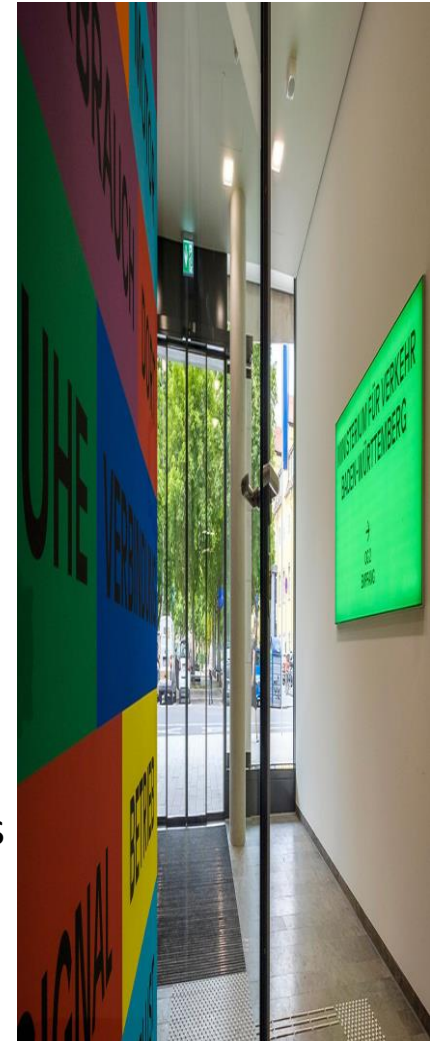


**KEA-BW**  
DIE LANDESENERGIEAGENTUR



# Sustainable mobility: our activities

- Competence network climate mobile: courageous local communities perform high-effective push measures
- Award „We are turning mobility!“: for people with already successful business models
- Mobility pillars (at local mobility stopping places): show which public mobility services are available
- Grant programme: for sustainable mobility managers in counties
- To come: support for sustainable mobility managers in counties
- Further activities: leaflet carsharing, support for climate mobility plans, ...



# We are not alone! More than 30 regional energy agencies in Baden-Württemberg

First step: Contact your regional energy agency!



Verband der regionalen Energie- und Klimaschutz-agenturen Baden-Württemberg



## Regionale Energieagenturen (rEA)

- Sitz der rEA
- rEA vorhanden
- Kreis

