



RegioWIN "Smart-Industrie"

Ettlingen, 5. July 2016



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Business Development and Innovation



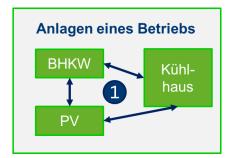
The German Energiewende is driven by many - example Green Industry Park Freiburg





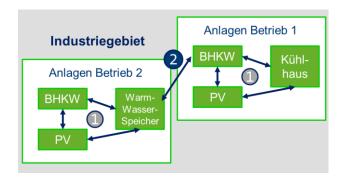
Goal of the project: a network of partner for joint innovation and implementation and shared experien





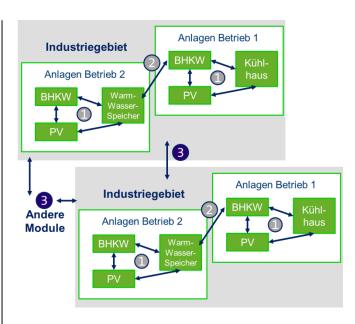
Networking in the Building:

- Climate control
- High temperature heat pumps
- Thermo electric Elements
- Building monitoring
- Security and Safety



Networking between Buildings

- WAN Networking (GPRS, SCADA)
- Secure wireless network to combine smart devices
- Distribution of Energy
- Cooperation of Energy usage
- Enable cloud based solution
- Mobile electric and thermal storages (heat-taxi)



Networking between Areas

- Combination with other projects in the Region
- Cooperation in development between partners

50 efficiency-partners, 15 innovative partners, 3 industrial areas

Everybody likes the innovative project idea, but



Time frame doesn't fit with innovation

2013	2014	2015	2016
17.6.2013 31.10.2013 Kick-Off P1 Concept P1	13.2.2014 30.9.2014 Kick-Off P2 Concept P2 12.2014 "Yes, w		22.1.2016 Final Proposals
50 partners	25 partners, 1 Mio. € o. f.	15 partners, 0.5 Mio. € own funds	20 partners, 0.6 Mio. € o. f.

- Cost of proposal: 100 T€ external Consultants, at least 200 T€ internal hours
- Due to regulatory framework the project had to be split up into 4 different fundingregimes resulting in 5 final project proposals
- More than 3 Mio. € is granted for investment, 0 Mio. € is granted for projectcoordination, selection of hardware and best "installation places", and operation (at least a cluster-initiative has been funded)
- A new and independent company had to be created, therefore usage of partner structures and resources is limited (e.g. Innovationsfonds, personnel, IT)



Annex

Due to regulatory framework the project had to be split up in 4 different funding-regimes



Innovation

- Development of innovations to be implemented in 1 3 year
- Combination of innovation power of all end-users
- Budget 1,8 Mio. €

Research

Know-How Pool

- Promotes exchange of knowhow between the participants
- Workshops, Meetings and visitor Forums
- Budget 0,6 Mio. €

Cluster-Initiative

Consulting

- Consultation on the implementation of new applications
- Definition of targets for Investments
- Funds requested

Target Applications

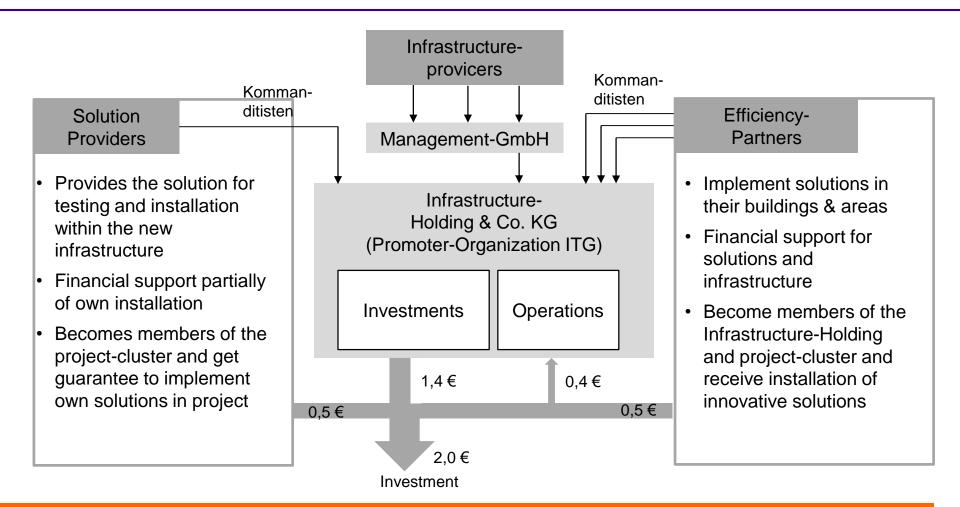
Implementation

- Investment for technical solution and innovative infrastructure
- Low risk through joint implementation and support
- Budget 4,4 Mio. €

Infrastructure-Holding

Funding Process of Project (by EU), managed by Infrastructur-Holding ITG





To each EUR of the partner 1 Euro from RegioWIN-funds will be added (funds are granted for investment only, operation has to be fully funded by partners)