

Austrian SMEs and Eco Innovation

Theresia Vogel

PRESOURCE Promotion of Resource Efficiency in
SMEs in Central Europe
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SMEs – strong backbone of Austria's economy

- **99,7 %** of Austrian enterprises
- app **58 %** SMEs share to the gross value added
- > 400.000 SMEs
- app **2/3 of employees** (> 2,2 Mio people)
- app $\frac{3}{4}$ of apprenticeships

SME policy in Austria – think small first

horizontal policy field: **several ministries** design policies and activities – topics are

- RTD, innovation, entrepreneurship, qualification
- access to finance, promotion of exports
- simplification of (public) administration
- public (pre-commercial) procurement
- Thematic topics (environment, energy etc)

Funding Agencies - Innovation for SMEs

➤ federal level

- **aws** – subsidies, seed financing, low interest loans, state guarantees, equity capital financing
- **Climate & Energy Fund** – c&e-related topics
- **ERP** Fund – loans for producing enterprises
- **FWF, FFG** – funding of RTD
- **KPC** – funding for environmental issues

➤ provinces level - several topics and agencies

Support for SMEs in Austria

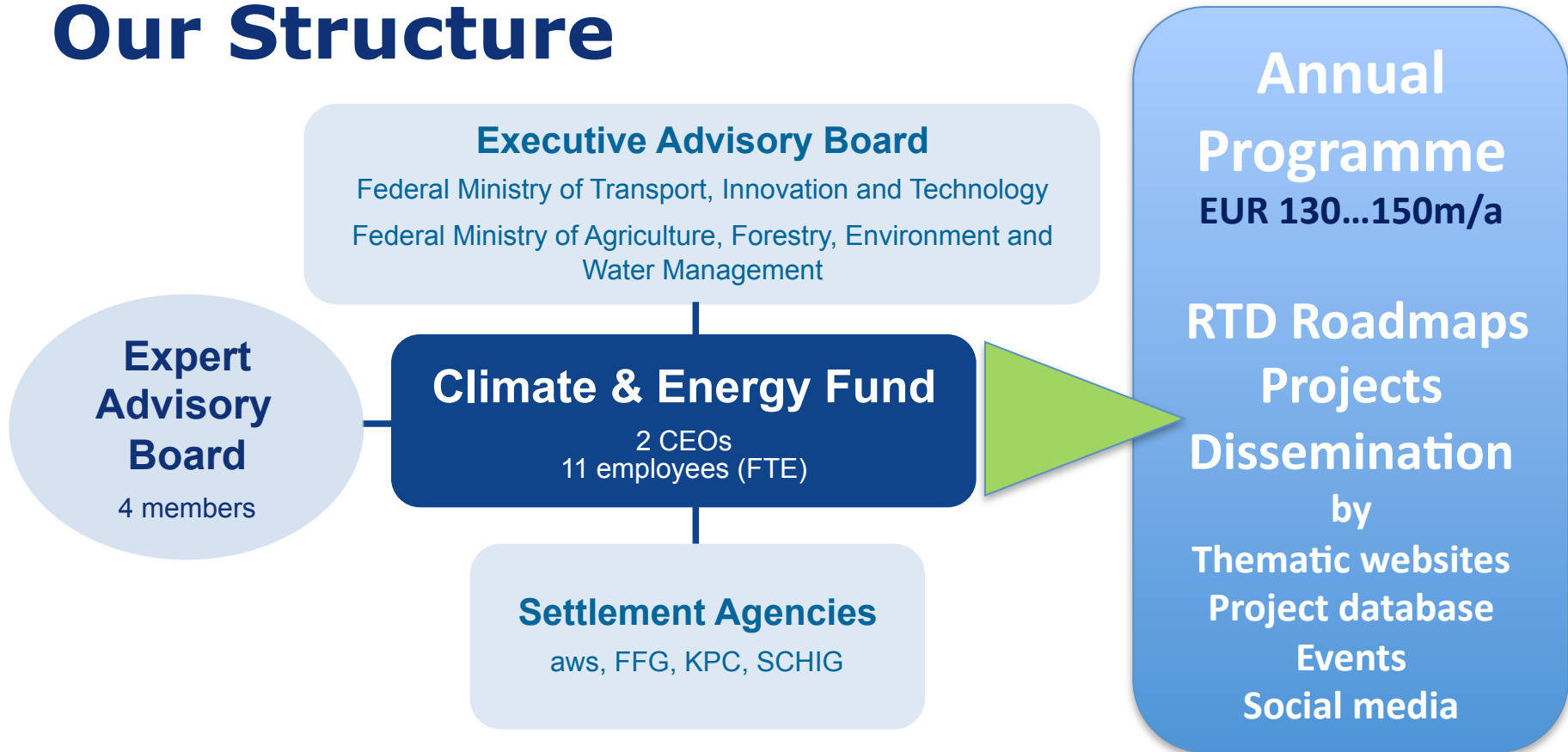
Eco Innovation

- Environment, Resource/Waste Management
- Energy: Supply, Renewables, Efficiency, Energy Savings
- Transport and Mobility
- Awareness, Competences, Education
- **RTDI → Austrian Climate and Energy Fund**

Climate and Energy Fund

- Established by the **Climate and Energy Fund Act** in 2007
- **Supporting** the government
 - achieving the national short to longterm **climate and energy targets**
 - developing and implementing **national strategies**
 - **dissemination** and **technology transfer**
- Annual budget up to **150 Mio EUR**

Our Structure

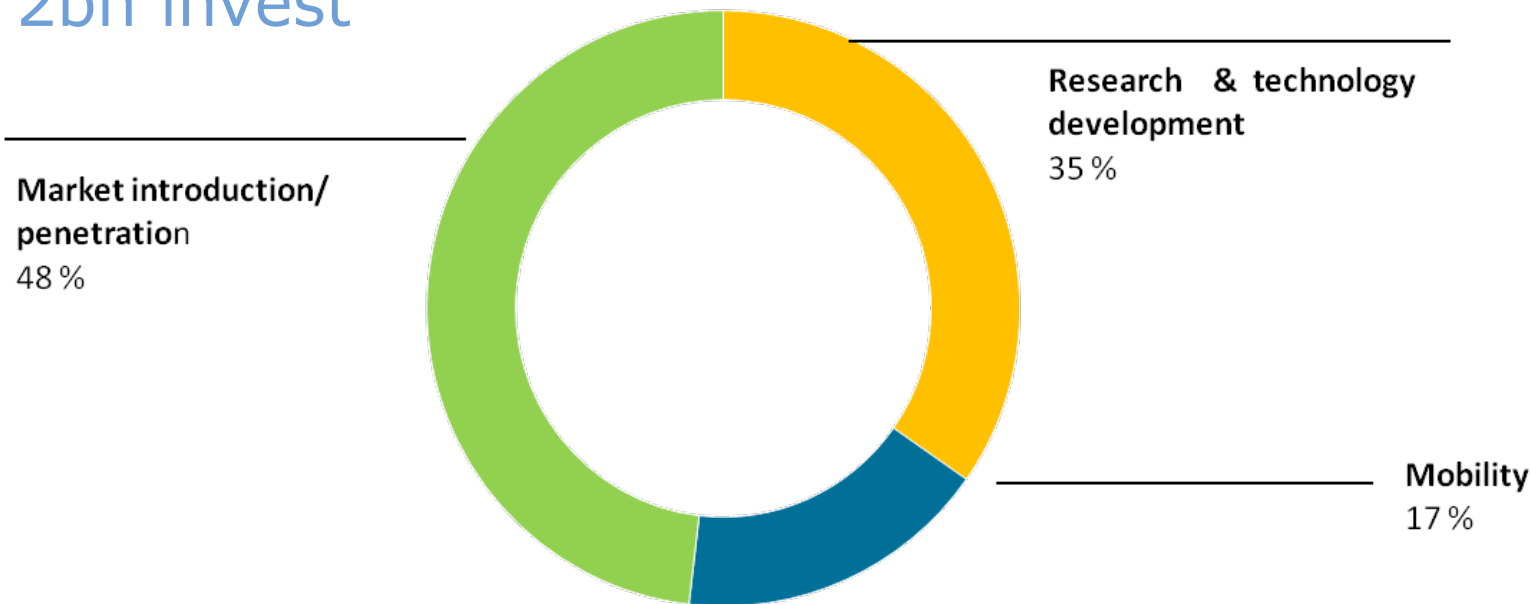


We generate mission-oriented programs and actions that...

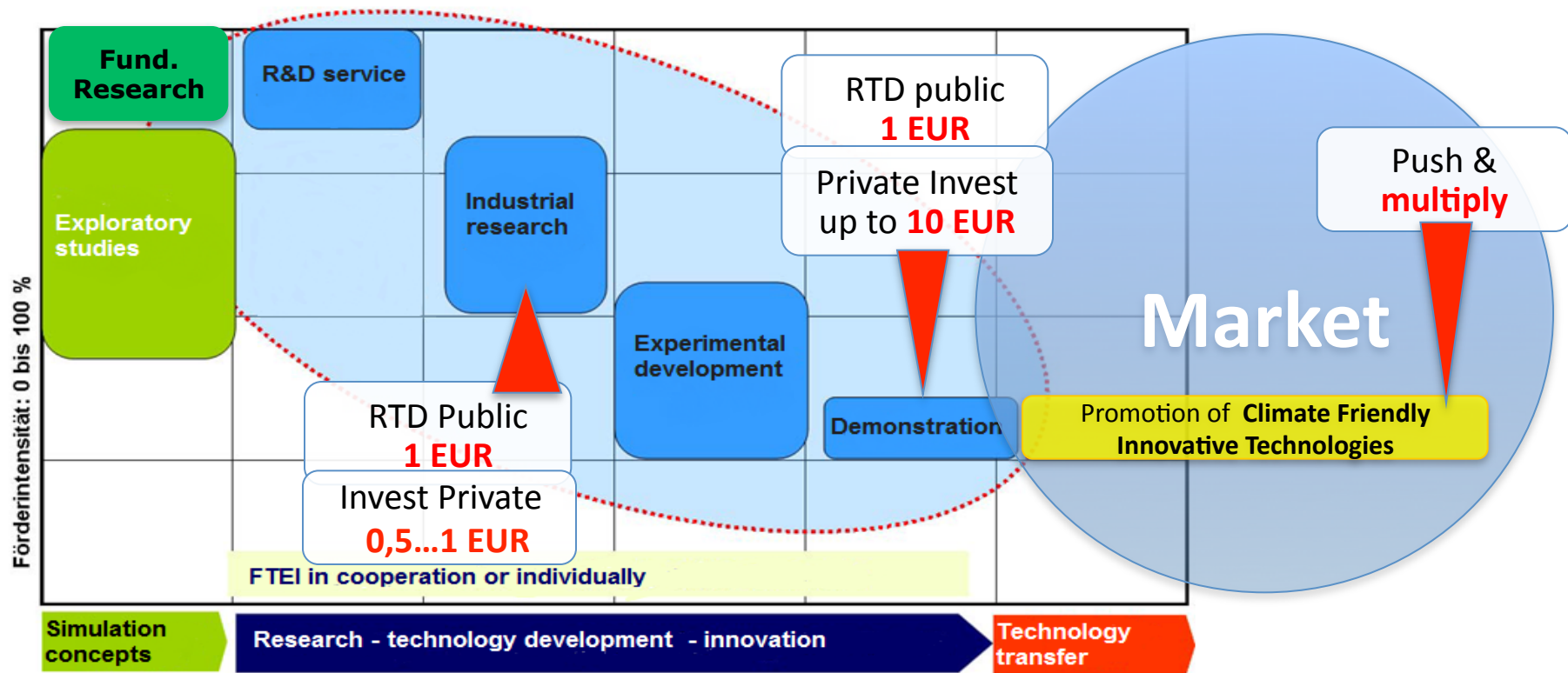
- Support fundamental **research on climate change mitigation and adaption (ACRP)**
- Foster **R&D** in **energy** and **mobility** technologies
- Support the **marketability of new technologies**
- Increase **awareness & acceptance** for climate friendly technologies and behavior
- Give a boost to the **transition** of the energy system

The Power of Facts – a Retrospective

7 years | app **70.000 projects** | **€ 850m >>**
€ 2bn invest



Impetus along the Innovation Cycle



e.g. Energy Research Programme

- Objective: promoting technology fields with high potential in terms of economic development, boosting innovation and reducing greenhouse gas emissions;
- 11 calls since 2007, 645 projects funded by EUR 231 Mio.
- Funding rate for SMEs: 50–80 % (of which 10–25 % SME bonus)
- **26.5 % success rate for SME led projects**
- **41.5 % share of SME participation** in funded projects

e.g. **study2market** for innovative SMEs

- Objective: **transfer of energy research results to business**
- Target group: **SMEs only**
- Co-funding of studies for the preparation of operational investments (business plans, concepts for planning and dimensioning of production facilities and products, etc.)
- Funding: max. **50 % of external consulting** costs up to a maximum of EUR 100,000

e.g. Large Scale Solar Thermal Systems

- Objectives: Solar Thermal Systems from 100 to 2.000 m²
- 5th Call closed at Sept 25th 2014, Budget: EUR 5 Mio.
- 120 solar thermal systems since 2010 funded by EUR 12,1 Mio.
- Funding rate max. **40 % PLUS 5 % for SMEs**
- Programme guideline: <https://www.klimafonds.gv.at>

e.g. Large Scale Solar Thermal Systems

Examples of funded solar systems



e.g. **Mustersanierung** (best-Practice reconstruction)

- **Company** and public used buildings, e.g. schools, kindergarden, office buildings,...
 - Combination: **Thermal** reconstructions
Renewable energies – at least 80 %
Energy **efficiency** actions
- ➔ Encouragement to **copy/multiply reconstructions**
- ➔ **60 buildings until now – www.mustersanierung.at**



Edlauer Holding GmbH
Office building
Sankt Pölten, Lower Austria





e.g. klimaaktiv:mobil

- **Subsidies** for many **activities** which **reduces mobility related GHG**
(public sector and enterprises)
- **Subsidies** for **vehicles** (alternative fuels),
e-bikes, bicycle parking facilities, test tickets and
mobility events
- More than **4.900 klimaaktiv mobil projects** (2007-2013)

Community bus Gerersdorf, Lower Austria



Mobil card Krenglbach
(shared taxi and small
electric carsharing fleet)
Krenglbach, Upper Austria





greenstar^t
Eine Start-up-Initiative des
Klima- und Energiefonds

Impulse for the development and the implementation of new, innovative and practical **business models** – **Start Up**

- Jury chooses the best 10 business models
- Professional **coachings and workshops** for the Top-10
- Platform to implement the business at other projects

TOP-10:

- Professional support
- Exchange and networking
- 6.000 EUR

TOP-3:

- 15.000 EUR
- More support by Climate and Energy Fund optional

Lessons learned

RTD Funding and market stimulation for GHG-reduction have to go hand in hand

Climate change adaption, new principals and technologies are crucial for success and come together with

- **Matching of** (funding) **instruments**
- Focusing on the **whole system** – not a single technology
- **Assigning priorities** and RTD roadmaps
- **Monitoring, evaluation** and feedback loops
- **Cost reduction** & permeation, **Information**

Model Regions and Smart Cities

Geografische Ausdehnung Klima- und Energie-Modellregionen

Geografische Ausdehnung Smart Grid Modellregion

Geografische Ausdehnung der Modellregionen E-Mobilität

Smart Grid Modellstadt

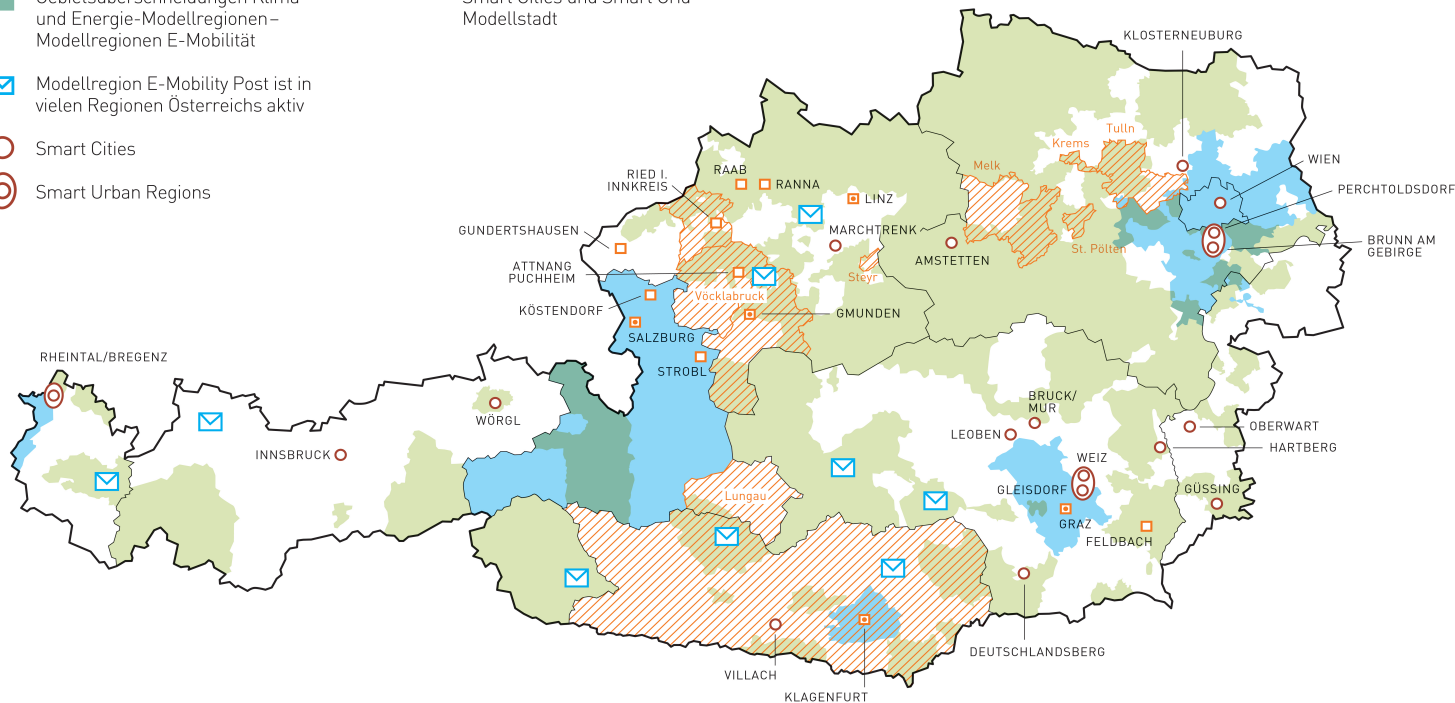
Gebietsüberschnitten Klima- und Energie-Modellregionen – Modellregionen E-Mobilität

Gebietsüberschnitten Smart Cities und Smart Grid Modellstadt

Modellregion E-Mobility Post ist in vielen Regionen Österreichs aktiv

Smart Cities

Smart Urban Regions



Testbeds e.g. for new
technologies and
accompanying research

More information....

www.klimafonds.gv.at

Get in touch with our projects:

<http://www.klimafonds.gv.at/foerderungen/foerderlandkarte/>

Contact us:

theresia.vogel@klimafonds.gv.at; **elvira.Lutter@klimafonds.gv.at**