

City of Tomorrow

Austrian Research, Technology and Development (RTD) Programme

Volker SCHAFFLER

Energy and Environmental Technologies

Austrian Ministry for Transport, Innovation and Technology

Complex

The domain of emergence.

Probe - Sense - Respond

Complicated

The domain of experts.

Sense - Analyse - Respond

Chaotic

The domain of rapid response.


Act - Sense - Respond

Simple

The domain of best practice.

Sense - Categorise - Respond

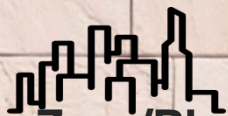
 **HAUS**
der Zukunft

 **PLUS-Energy
Buildings**

 **Zero-Energy
Buildings**

 **STADT**
der Zukunft

 **High Efficient
Building-Cluster**

 **Zero/Plus-
Energy Districts**



- ▶ 450 Research Projects
- ▶ EUR 80 Mio. Funding

From 1999 until 2013



- ▶ 113 Research Projects
- ▶ EUR 40 Mio. Funding

From 2013 and ongoing



Topic 1

**Digitalisation of
Planning,
Construction
and Operation**

Topic 2

**Energy-oriented
City Planning**

Topic 3

**Green
Buildings**

Topic 4

**New Building
Technologies**

Topic 5

**Demonstrations
Projects**



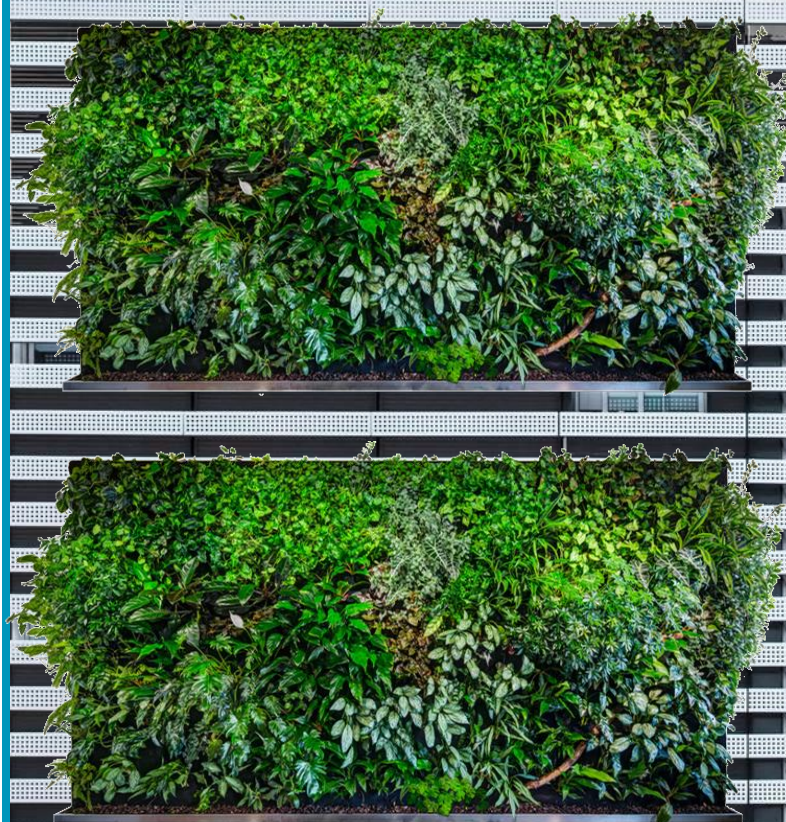
STADT
der Zukunft

Topic 6

**Intelligent
Energy
Systems**

6 City of Tomorrow

Projects “Green Innovation Lab”



New RDI
Instrument



Project
Office

RDI Infra-
structure



max.
10 years



Know-
how
Transfer

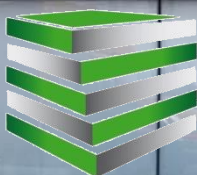


Max.
5 Mio.

Up-Scaling
for Projects



Building
a Network



GRÜNSTATTGRAU.AT
INNOVATIONS LABOR
BAUWERKS BEGRÜNUNG