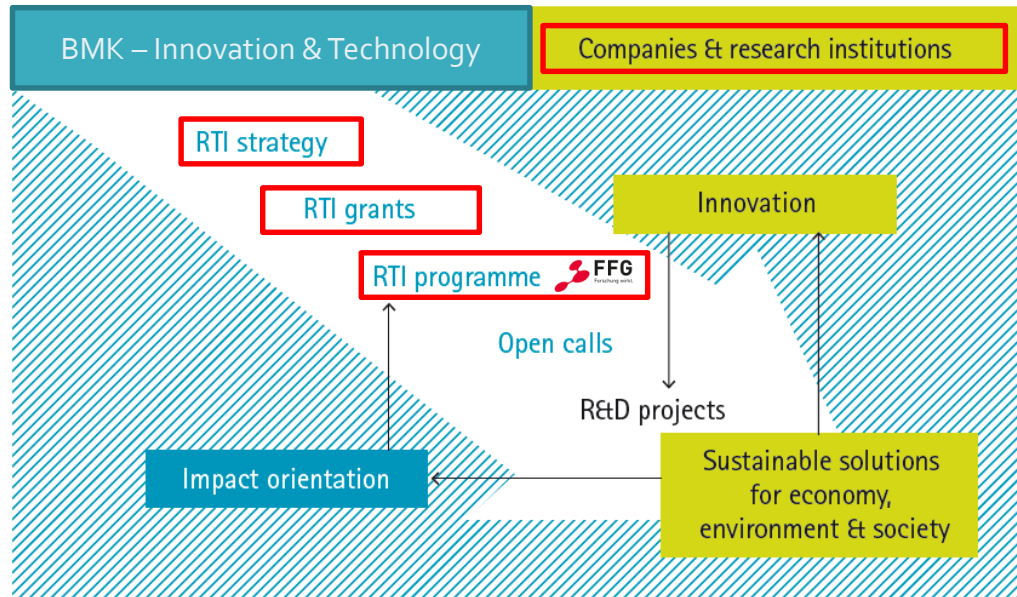


Highlights from the R&I program Mobility of the Future & Open Call on R&I Mobility or Perspectives from R&I

Constanze Kiener

Department I 4 – Mobility and Transport Technologies
Federal Ministry for Climate Action, Environment, Energy,
Mobility, Innovation and Technology

Applied Research within BMK



• BMK's impact objectives:

- increase the **research, technology and innovation intensity** of the Austrian business sector
- Develop **technologies** for overcoming the **grand challenges** of the future
- Increase the **number of people employed** in the area of **technology and innovation** with special attention to proportion of women

R&I programme „Mobility of the Future“

- **Duration: 2012-2021**
- **Budget: ~25 M EUR/year**

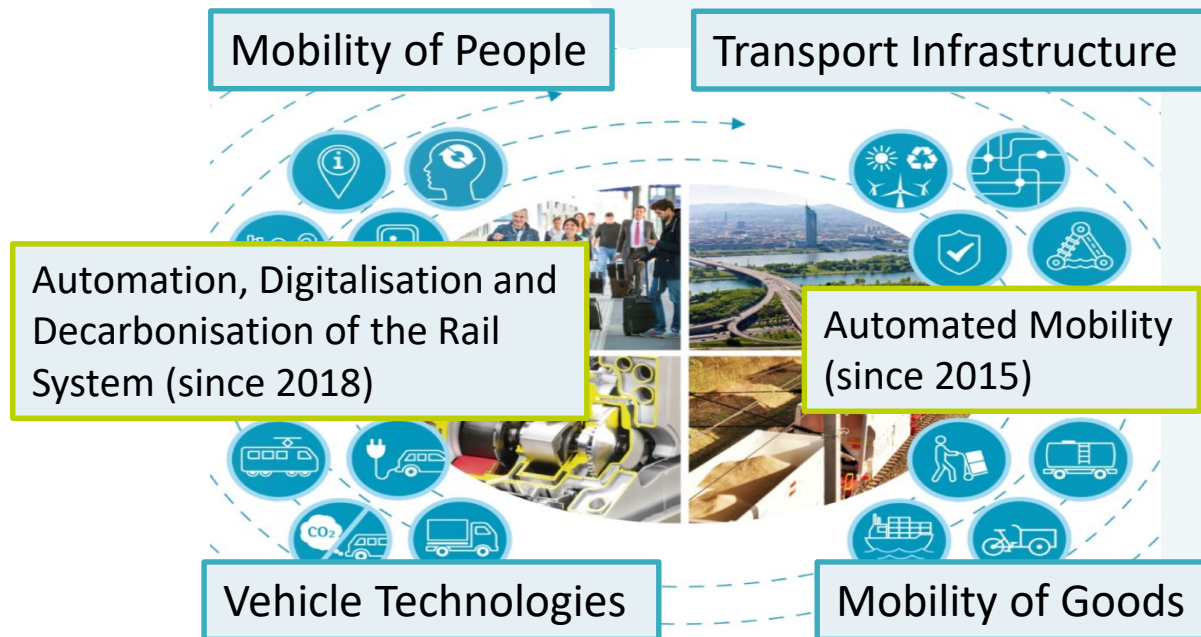
- **4 thematic fields**

- **2 cross-cutting topics**

- **Calls are managed by**



- **227 M EUR funding to 698 projects over 10 years**



Mobility of Goods: 5 Main Research fields



Sustainable Mobility of Goods in Areas of High Population Density



Sustainable Mobility of Goods in Areas of Low Population Density



Multimodal Hubs



Sustainable Transport Chains and Networks



Innovative Means and Media of Transport

Electric urban freight and logistics
(EUFAL)



Mobility of Goods - Examples



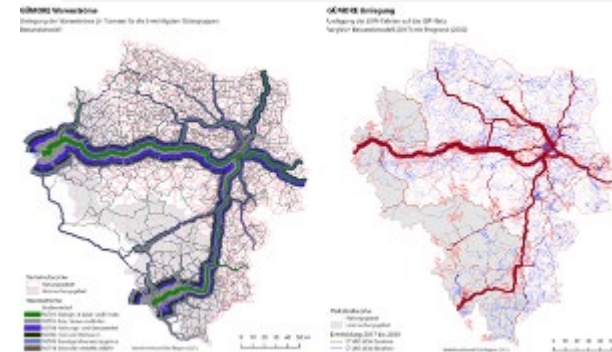
Innovative Grazer
Logistiko Optimierung
(GrazLog)



Serviceability of Low-Emission-
Vehicle-Technologies to eco-optimize
Future Logistics and Freight Transport
(EFLOG)



Usage of public transport
operational areas for sustainable
city logistics **(RemiHub)**



Freight transport model for Eastern
Austria – Development of a
predictive model to estimate traffic
loads **(GÜMORE)**



Eine Analyse von
Kooperationsmöglichkeiten
für urbane Midi-Hubs **(MiHu)**

Topics in Vehicle Technology

Development of alternative propulsion systems and energy sources for all classes of surface transport vehicles (including electrified propulsion systems).

Liquid and gaseous alternative fuels

Vehicle electronics, networking, automation

Lightweight construction, vehicle integration

Exemplary Vehicle Technology Projects



Efficiency-
optimized drive
for electric bus
(EFFEL)



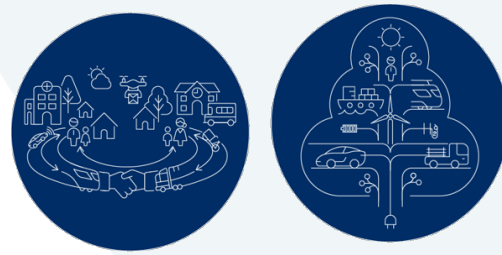
Electric powertrain for
work and commercial
vehicles **(ELAAN)**



Thermal battery cell
dummy **(T-Cell)**



Battery Innovation
Center **(BIC)**



R&I Mobility Call Spring 2022 – Regions and Technology

Call Topics:

- Technologies and concepts for mobility and supply guarantee as well as location safeguarding in the region
- Regional Mobility Laboratories for the Transformation of Regional Mobility in Austria
- Batteries and their components for sustainable electromobility
- Establishment of a specific competence node and innovation network for R&I contributions to traffic avoidance in Austria

Hard Facts:

- National Call
- Budget: 9,9 Mio. EUR
- 25th May – 28th Sep

Thank you for the attention!

Constanze Kiener

Republic of Austria

Federal Ministry for Climate Action, Environment, Energy,
Mobility, Innovation and Technology

Directorate General III – Innovation and Technology

Department I.4 – Mobility and Transport Technologies

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