

Regional Cooperation in the Field of Automotive Engineering in Styria



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Source: ACstyria Autocluster GmbH

Business Strategy Styria 2020



AUTOMOTIVE POWER STYRIA



Source: ACstyria Autocluster GmbH

History

1994 ■ **The Idea and concept for a Cluster**

Project Initiators:

- IV (Federation of Austrian Industry) and
- SFG (Styrian Business Promotion Agency)

1995 ■ **ACstyria Autocluster is founded**

First Cluster in Austria

1996 ■ **„Leading companies“**

AVL and Magna become partners of Acstyria

1999 ■ **ACstyria Autocluster GmbH** (limited company)

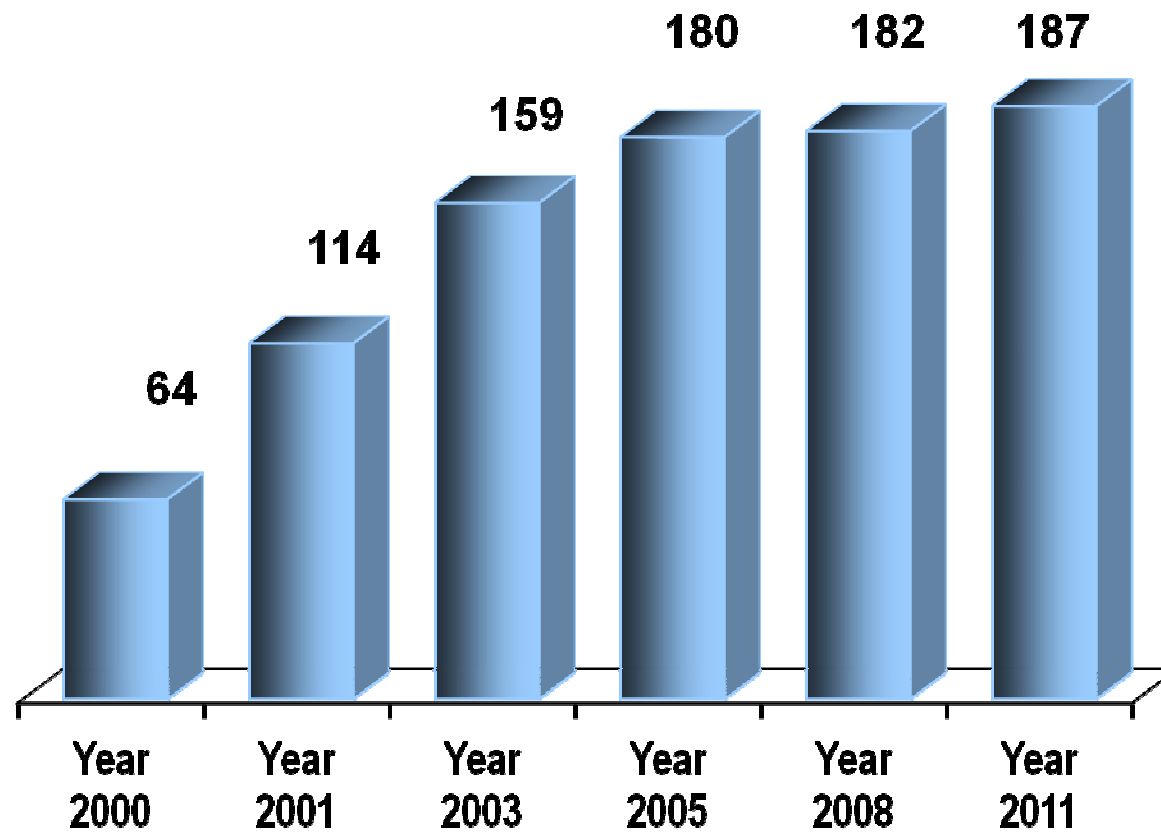
Public Private Partnership (PPP)



Ownership (Public Private Partnership Model)

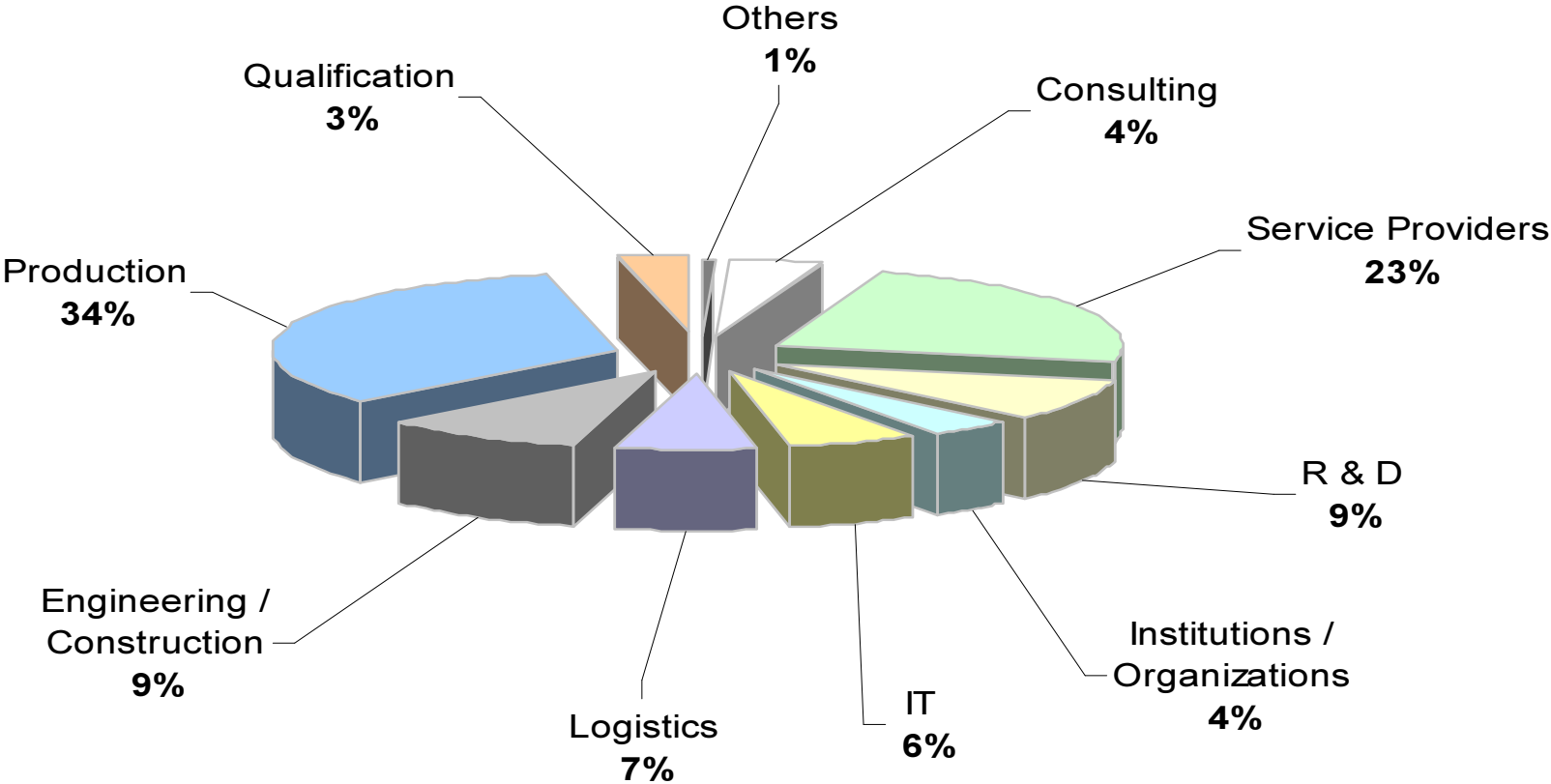
- 28%** **SFG – Styrian Business Promotion Agency**
Public sector
- 18%** **Magna Steyr AG & Co KG**
OEMs, Tier 1
- 18%** **AVL List GmbH**
R&D
- 18%** **Krenhof AG**
Tier 2, Tier 3
- 18%** **TCM International
Tool Consulting & Management GmbH**
Service provider

Membership development





Sector allocation



Source: ACstyria Autocluster GmbH

Core business zones

- Information, communication and marketing
- Information- and content-management
- Cooperation – initiation and project - coordination
- Automotive qualification

Universities & Automobiles



Technische Universität Graz – A selection of departments with relevance to automobiles

Department of Internal Combustion Engines and Thermodynamics

Department of Vehicle Technology

Department of Lightweight Engineering

Department of Electric drive Engineering and Machinery

Department of Technical Chemistry of Materials (research group on the theme „batteries“)



FSI Frank Stronach Institute - Private-Public-Partnership, builds bridges between science, training and economy

Vehicle technology (FTG)

Passive vehicle safety (VSI)

Machine tools and Metal forming (T&F)

Production Science and Management (PSM)



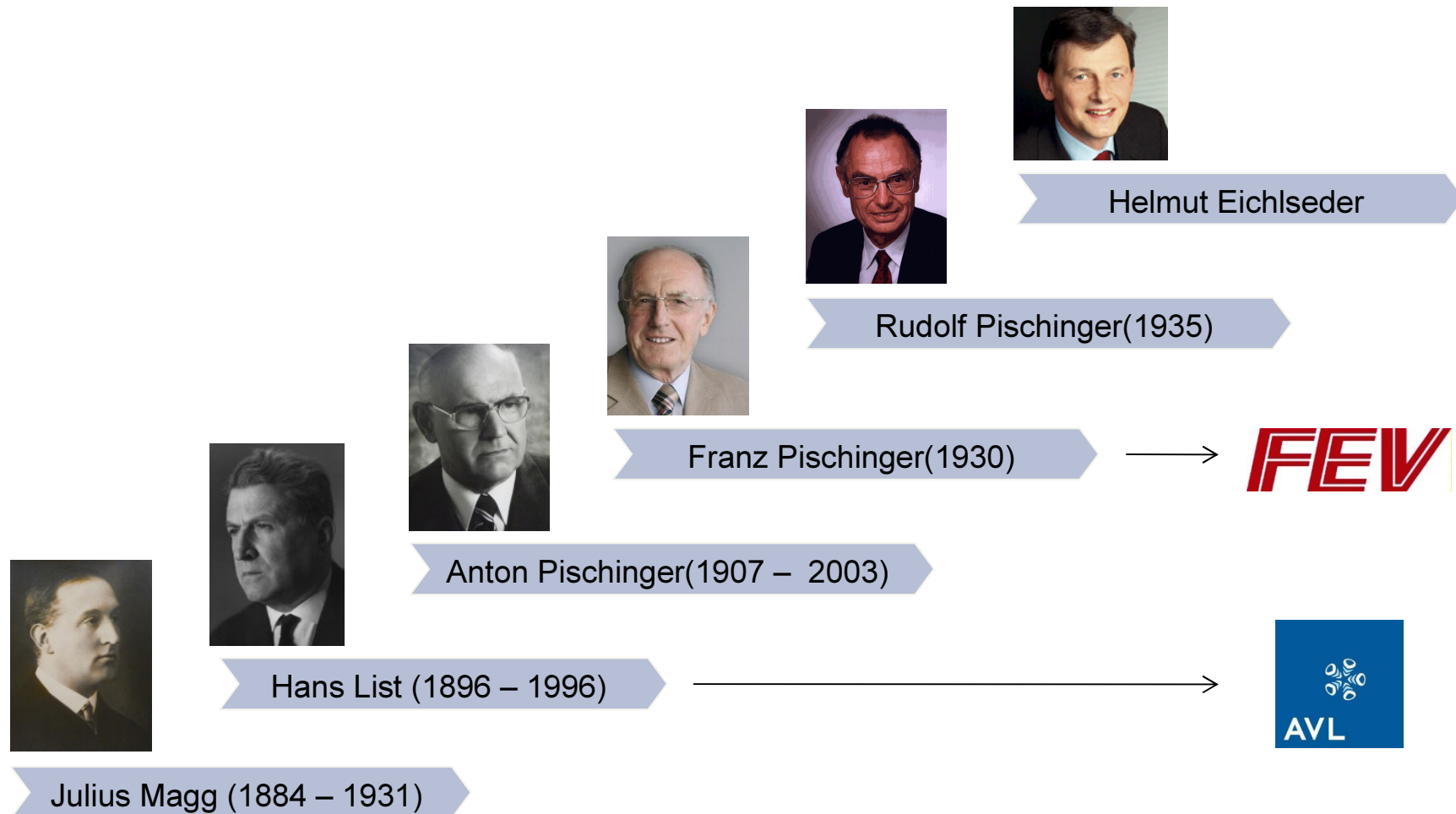
Montanuniversität Leoben - A selection of departments with relevance to automobiles

Department of Material Physics

Department of Metallurgy



100 years of Engine and Powertrain Development



AUTOMOTIVE **ACADEMY** STYRIA



fit for knowledge – Automotive Academy Styria

- Establish the region as an internationally recognized centre for automotive training and expertise
- Increase the quality of training and level of qualifications



Whatever you have to know when building a car – you can learn it in Styria

Styria and the ERDF (1)



2007-2013 155 Mio. € (total funding 310 Mio. €, program volume 950 Mio. €)

3 Priorities:

- Strengthening the innovation- and knowledge- based economy
- Enhancing the attractiveness of regions and business locations
- Governance and technical assistance

Styria and the ERDF (2)



Experiences of Styria:

- Success in establishing innovation chains (+)
- Concentration on strengths brings visibility (+)
- Need for funding infrastructure (+,-)
- Complicated (national) control procedures (-)

Suggestions:

- Fostering regional knowledge triangles by mixing funds
- „Smart specialisation“ by enforcing strengths
- Simple but effective control procedures

AUTOMOTIVE POWER STYRIA

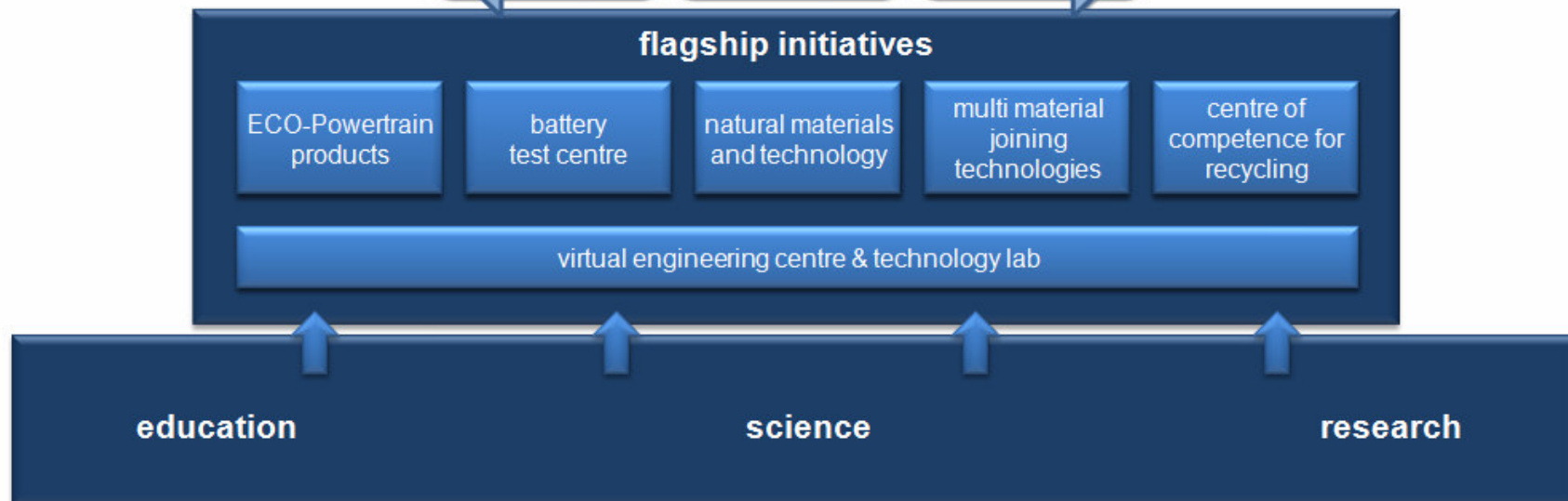


Green Cars - Clean Mobility ... made in Styria

Styria is a globally recognized centre of competence for ECO-Powertrains and intelligent peripheral devices for powertrains as well as ECO-materials solutions.



Styria is one of the most cost-efficient automotive locations of production and engineering in Europe. Based on unsurpassed knowledge and intelligent processes, energy- and resource-friendly results are ensured.



Karl-Franzens-Universität Graz
University of Graz



Thank you for your attention

Peter Riedler

www.uni-graz.at