

Funding opportunities for transnational cooperation

FFG, FWF, OeAD

*Karin Sommer
General Programmes
FFG*



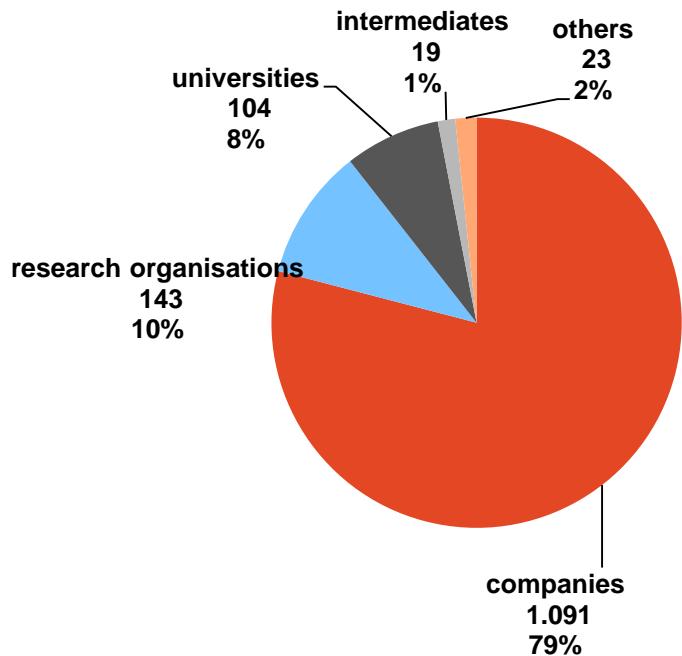
FFG >> Access to the entire Austrian R&D Community

- Founded in September 2004
 - General Programmes
Schnitzer
 - Structural Programmes
Wildberger
 - Thematic Programmes
Glenck
 - European and International Programmes
Höglinger
 - Aeronautics and Space Agency
Posch
- Legal structure: private limited company
- Owner: Federal Government, represented by
 - *Federal Ministry of Transport, Innovation and Technology (BMVIT)*
 - *Federal Ministry of Science, Research and Economy (BMWFW)*

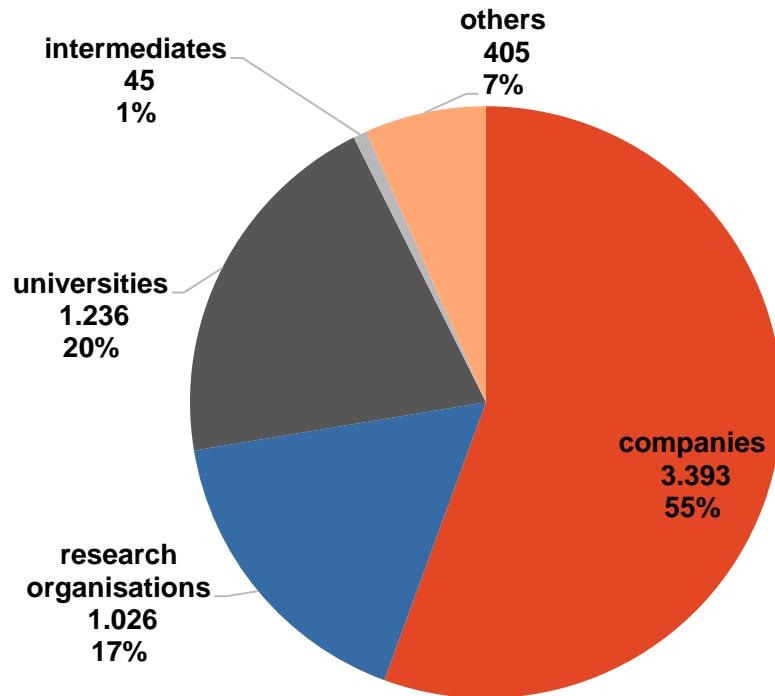
Funding Budget 2016: 615 million EUR
2016: ~ 3.000 projects involving 5.500 partners



2004: 1.380 partners



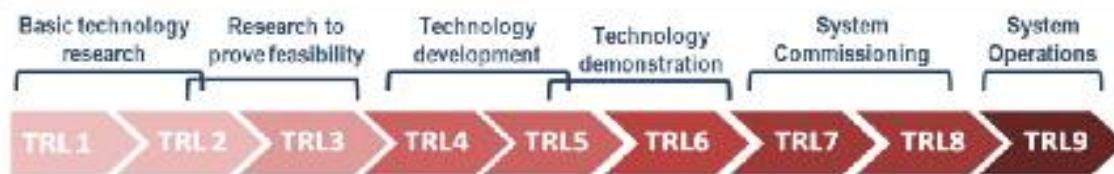
2014: 6.105 partners



FFG – 3 Key Activities

1. Funding at various stages of growth - Start Ups, growing businesses - and universities (open for foreign partners) & various stages in the

“Technology
Readiness
Levels”



2. Partnership – between large organisations, SMEs and academic institutions

3. Internationalisation – reaching out for new markets

FFG FUNDING PORTFOLIO INTERESTING FOR U.S. PARTNERS



- **Top-down programmes (20% cross border funding)**
 - ICT
 - Production
 - Transport/Mobility
 - Energy
 - Security

variety of special calls → have a look on our website
www.ffg.at/en
- **Bottom-up programmes**
 - Innovation Vouchers, Feasibility Studies
 - **Bridge (30% costs from foreign partners)**
 - General Programme (R&D-projects)
 - **Competence Centers**, Human Resources
 - GIN – Global Incubator Network
 - **Beyond Europe (20% cross border funding)**
- **European programmes**

TOP-DOWN PROGRAMMES HOW TO FIND A SUITABLE CALL?



www.ffg.at/en

- **ICT**
- **Production**
- **Transport/Mobility**
- **Energy**
- **Security**

>> max. 20% of total funding can be distributed to partner(s) outside Austria



The screenshot shows the FFG website's funding opportunities section. At the top right is a photo of a group of people. Below it are navigation links: About FFG, R&D in Austria, International cooperation, and Funding & Services. A sidebar on the left lists funding focus areas: Life Sciences, Information Technology, Material and Production, Energy and Environment, Mobility, Space, Safety and Security, Human Resources, Service Innovations, Further Issues, and International cooperation. A magnifying glass icon is positioned over the 'International Cooperation' link. The main content area lists various funding programmes: AAL - Active and Assisted Living Programme (in German only), AplusB - Academia plus Business, AT:net - austrian electronic network (in German only), Austrian Space Applications Programme, benefit, Beyond Europe, Broadband Austria 2020 (in German only), CEDR - transnational road research calls, City of tomorrow (in German only), COIN - Cooperation & Innovation, COMET - Competence Centers for Excellent Technologies, ESEL - Electronic Components and Systems for European Leadership (in German only), Endowed professorship, Energy Research Programme (in German only), EUREKA, ERA-NET Initiatives, and Fundings within the General Programme. The general programme includes BRIDGE – the Programme, Clinical Trials driven by SME, and Collective Research.

Focuses

- Life Sciences
- Information Technology
- Material and Production
- Energy and Environment
- Mobility
- Space
- Safety and Security
- Human Resources
- Service Innovations
- Further Issues
- International cooperation

Our current funding opportunities

Home > Our current funding opportunities

Here you will find an overview of funding programmes currently managed by the FF. in alphabetical order:

- AAL - Active and Assisted Living Programme (in German only)
- AplusB – Academia plus Business
- AT:net - austrian electronic network (in German only)
- Austrian Space Applications Programme
- benefit
- Beyond Europe
- Broadband Austria 2020 (in German only)
- CEDR - transnational road research calls
- City of tomorrow (in German only)
- COIN – Cooperation & Innovation
- COMET – Competence Centers for Excellent Technologies
- ESEL - Electronic Components and Systems for European Leadership (in German only)
- Endowed professorship
- Energy Research Programme (in German only)
- EUREKA
- ERA-NET Initiatives

Fundings within the General Programme:

- BRIDGE – the Programme
- Clinical Trials driven by SME
- Collective Research

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TOP-DOWN PROGRAMMES HOW TO FIND A SUITABLE CALL?



1. Check the relevant documents
2. Contact the responsible persons

The screenshot shows the official website for the ICT of the Future programme. The left sidebar lists various program categories: Life Sciences, Information Technology, Material and Production, Energy and Environment, Mobility, Space, Safety and Security, Human Resources, Service Innovations, Further Issues, International cooperation, and Search. The main content area is titled 'ICT of the Future' and includes a brief description of the programme's goals and funding source (BMVIT). It also features a 'Call' section with a large magnifying glass icon, listing specific calls like 'Bilateral Call Austria – Chinese Academy of Sciences, CAS, China'. Below this is a 'Further information' section with links to other programme details. At the bottom, there's a summary table with columns for Target group, Topic, and Type of service, and a section on Objectives.

Target group	SME, Large enterprises, Universities, Universities of applied sciences, Competence centres, Research facilities, Start-up, Non-profit organisations, Regional administrative bodies
Topic	Information technology
Type of service	Funding

OBJECTIVES

- Develop lead technologies
- Increase both the quantity and the quality of ICT-research and development that can achieve and sustain technological leadership

>> Call guidelines
>> Cost guidelines

Contact



DI Georg Niklfeld MSc

T +43 5 7755 5020
georg.niklfeld@ffg.at



Mag. Anita Hipfinger

T +43 5 7755 5025
anita.hipfinger@ffg.at

BRIDGE

- **Academia driven:** projects to further develop the potential of basic research
- <https://www.ffg.at/programme/bridge>



Mag. Dr. Brigitte Robien
Programmleitung
T +43 5 7755 1308
brigitte.robien@ffg.at



Lisa Berg
Beratung, Programm-
Management
T +43 5 7755 1205
lisa.berg@ffg.at



BRIDGE: FUNDING INSTRUMENTS

>> BASIC RESEARCH



project initiator & coordinator: university

Output: bringing science a step closer to the market

Conditions:

- no thematic scope defined
- duration: 18-36 months
- minimum 1 Austrian university/ research institution, 1 company
- foreign universities and research institution can participate as partners or in third party costs of Austrian university (**easier**)
- coordinator must be Austrian institution, company

Funding conditions:

- between 60 und 90% of the total project costs
- **only scientific partners receive funding**

>> 30% costs from foreign partners (or within third-party costs)

COMET Competence Centers

- **Academia driven and industry-led research:** Developing and focussing competences through long-term research cooperation between science and industry at the highest level.
- <https://www.ffg.at/en/comet-competence-centers-excellent-technologies>



Dipl.-Ing. Otto Starzer

T +43 5 7755 2101
otto.starzer@ffg.at



Dipl.-Ing. Budiono Nguyen

T +43 5 7755 2104
budiono.nguyen@ffg.at



WHAT IS A COMET CENTRE?

>> Programme rather than a project

- **Own legal entity** (Limited liability company or similar)
- **Concentration of research** at one (or several) site(s)
- **Consortium:** min. 1 Scientific Partner, min. 5 Company Partner

→ Research programme

1 center consists of multiple projects, ~ 4 years, ~ 20 Mio. (aprox. 50% of total costs are financed by industry partners)

one contact person = CEO of competence center

>> **get in touch with the centers**

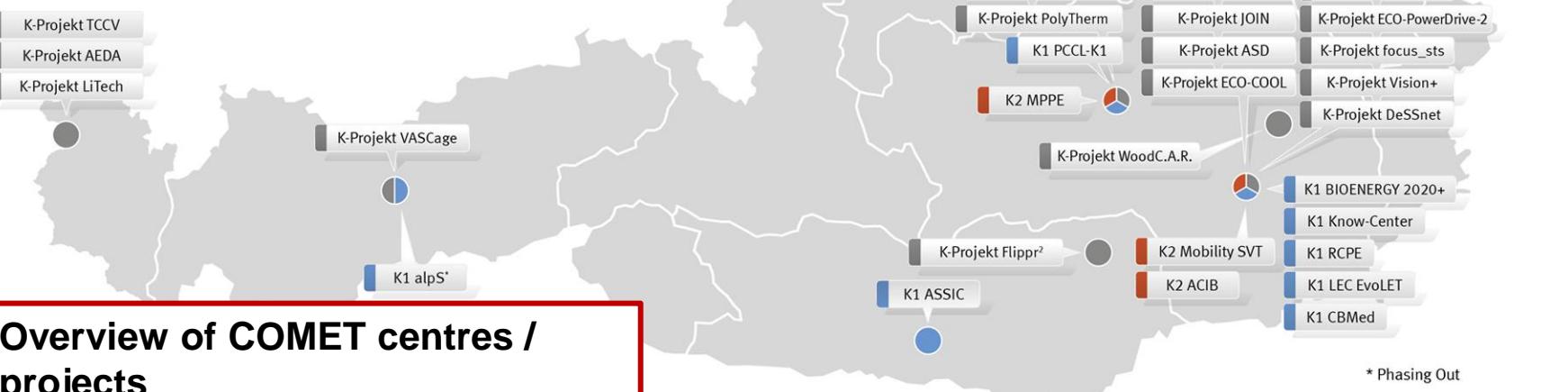
COMPETENCE CENTRES AND K-PROJECTS IN AUSTRIA



5 K2-Centres | 18 K1-Centres | 24 K-Projects****

MONITORING DATA (since 2008)

Employees (FTE)	2.061
Researchers [FTE]	1.604
Companies	1.354
Scientific partners	544
Patents & licences	575
Publications	12.655
PhDs (incl. ongoing)	1.891
Master thesis (incl. ongoing)	2.181



* Phasing Out

Stand: 16.11.2016 Quelle: FFG Förderstatistik
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Status monitoring unchanged since 05/2016

Status Total Volume 16.11.2016 (approved K1-Centres incl. phasing-out Call 4, approved K-Projects Call 6)

**3 K1-Centres Call 4 and 8 Projects 6 Call6 start as of 01/2017, 1 K1-Centre phasing-out as of 04/2017)

Overview of COMET centres / projects

https://www.ffg.at/sites/default/files/allgemeine_downloaden/strukturprogramme/20161129_comet_overview_centresprojects.pdf

BEYOND EUROPE

>> EXPERIMENTAL DEVELOPMENT



BEYOND EUROPE

- **Company driven:** Funding programme to facilitate R&D cooperation with non-European partners
- www.ffg.at/beyond-europe



Mag. Dr. Roland
Brandenburg

T +43 5 7755 5090
roland.brandenburg@ffg.at



Dipl.-Ing. Maria
Bürgermeister-Mähr

T +43 5 7755 5040
maria.buergermeister-maehr@ffg.at



BEYOND EUROPE

>> Participate in a project



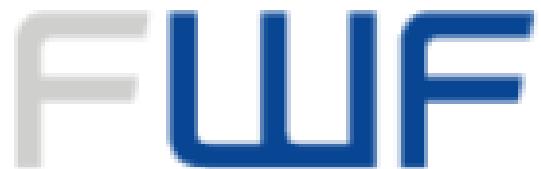
project initiator & coordinator: Austrian company

Output: added value for Austrian company through international cooperations

Conditions:

- no thematic scope defined
- minimum 1 Austrian company, cooperative projects with min. 1 partner (**company, university, research institution**) outside Europe (**e.g. U.S.**)

>> max. 20% of total funding can be distributed to partner(s) outside europe



FWF Austrian Science Fund



Contact: www.fwf.ac.at/en

Dr. Christoph Bärenreuter

Strategy – International Programmes

+43 1 505 67 40 -8702

christoph.baerenreuter@fwf.ac.at

Incoming grants (Lise Meitner Programme)

- Financing of highly qualified **post-doc researchers from abroad** to do research at an Austrian host institution
- <http://www.fwf.ac.at/en/research-funding/fwf-programmes/meitner-programme/>

Outgoing Scholarships (Erwin Schrödinger Programme)

- Promotion of research stays of post-doc researchers from Austria at **leading research institutions abroad**
- <http://www.fwf.ac.at/en/research-funding/fwf-programmes/schroedinger-programme/>

Graduate Research Opportunities Worldwide (GROW)

- Research stays in Austria for doctoral candidates funded by the NSF Graduate Research Fellows Program (GRFP)
- <http://www.fwf.ac.at/en/research-funding/fwf-programmes/international-programmes/grow/>

“Over half of all ongoing FWF projects are being carried out in cooperation with research partners abroad.” >>

„Individual co-operations“ in FWF projects

- Inclusion of international co-operation partners (not financed by FWF) in all FWF Programmes
- <http://www.fwf.ac.at/en/research-funding/fwf-programmes>



OeAD (Österreichische Austauschdienst)-GmbH

Austrian Agency for International Cooperation in Education and Research
(OeAD-GmbH)



Contact: <https://oead.at/en>
Mag. Michael Schedl
Programme Officer
Centre for International Cooperation & Mobility
[+43 1 53408-454](tel:+43153408454)
michael.schedl@oead.at

Individual Mobility Programmes

Incoming Mobility USA/Canada to Austria

Incoming Mobility USA/Canada to Austria

- **Ernst Mach Grant** worldwide one to nine months for studies in Austria for PhD students, postgraduates, postdocs, university lecturers
- **Franz Werfel Fellowship** up to 18 months for university lecturers from all over the world focusing on Austrian literature, follow-up support
- **Richard Plaschka Fellowship** up to 18 months for PhD students and university lecturers of history focusing on Austrian history, follow-up support

www.oead.at; www.grants.at

icm@oead.at



Individual Mobility Programmes

Outgoing Mobility Austria to USA/Canada

- **Marietta Blau Grant** for six to twelve months: supports the abroad part of a doctoral/PhD programme at a Austrian university for scientific research worldwide

www.oead.at; www.grants.at

icm@oead.at

Erasmus+ Mobility & Cooperation Programmes: USA/Canada – Austria

- **International Credit Mobility:** incoming & outgoing student mobility for studies from 3 to 12 months and staff mobility for teaching or training (5 days to 2 months)

https://www.bildung.erasmusplus.at/hochschulbildung/mobilitaet/internationale_mobilitaet/ueberblick/?type=%252Fproc

- **Erasmus Mundus Joint Master Degrees:** international study programmes offered by higher education institutions from different countries; scholarships awarded to excellent students worldwide for their participation in the programme

https://eacea.ec.europa.eu/erasmus-plus/actions/key-action-1-learning-mobility-individuals/erasmus-mundus-joint-master-degrees_en

- **Jean Monnet Networks:** promoting information and results on methodologies applied to high-level research and teaching on EU studies

http://eacea.ec.europa.eu/erasmus-plus/actions/jean-monnet/jean-monnet-networks_en



UPCOMING EVENTS

65 YEARS OF AUSTRIAN-CANADIAN RELATIONS

Date: 21. & 22. September 2017

Venue: Austrian Federal Ministry of Science, Research and Economy (BMWFW), Freyung 3, 1010 Vienna

https://www.ffg.at/europa/veranstaltungen/canada-austria_2017-09-21



contact

Dr. Karin Sommer, MBA
phone: +43 5 7755 1216
mail: karin.sommer@ffg.at



Technology readiness levels (TRL):

- TRL 1 – basic principles observed
- TRL 2 – technology concept formulated
- TRL 3 – experimental proof of concept
- TRL 4 – technology validated in lab
- TRL 5 – technology validated in relevant environment (industrially relevant environment in the case of key enabling technologies)
- TRL 6 – technology demonstrated in relevant environment (industrially relevant environment in the case of key enabling technologies)
- TRL 7 – system prototype demonstration in operational environment
- TRL 8 – system complete and qualified
- TRL 9 – actual system proven in operational environment (competitive manufacturing in the case of key enabling technologies; or in space)