EU Research Support at the Vienna University of Technology

Siegfried Huemer

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History of the Vienna University of Technology

- 1815 imperial royal Polytechnic Institute;
- TU Vienna mission statement: „technology for people“, through research „developing scientific excellence, & teaching to „enhance comprehensive competence“;
- 8 faculties in natural sciences & engineering;
- 3.300 scientific staff, 27.000 students and 1.200 administrative officers.
# Facts & Figures

## Finances
- **ca. 215 Mio. €** global budget
- **ca. 72 Mio. €** third party funds
- **63 Mio. €** third party funds

## Staff
- **3.367** scientific staff (nearly 50% third-party funded)
- **thereof 140** professors
- **1.174** administrative, financial, legal & technical staff
- **4.541** total staff

## Students
- **ca. 27.000**
  - **thereof 24.6%** foreigners
  - **thereof 25.5%** women

## Graduations
- **ca. 2.200** first and second degrees, Bologna System
  - **thereof 900 BSc, 460 MSc, 520 Diploma Engineer, 260 PhD**
Main Tasks of the EU Research Support

- EU research funding: financial information and project management;
- EU legal support: grant agreements, consortium agreements and subcontracts;
- EU researcher mobility: Marie Curie actions, EURAXESS network.
International Project Development

- Identify the appropriate research area;
- Create a complementary consortium;
- Define the roles of participants (coordinator, beneficiaries and subcontractors);
- Calculate the total project costs;
- Search for public & private funding.
Funds for International Co-operation in Science & Technology

- Individual Mobility Fund of the Vienna University of Technology
- TU Wien Partnership Agreements with 70 Universities and Research Organisations worldwide
- Austrian Bilateral Scientific & Technological Co-operation Agreements with 14 Countries
- Multilateral European Research Cooperation Initiatives (COST, FP7/H2020, EUREKA)
Austrian Network of Agencies & Experts in Funding of International Co-operation in Science & Technology

FFG Austrian Research Promotion Agency [www.ffg.at]

FWF Austrian Science Fund [www.fwf.ac.at]

ÖAD Austrian Agency for International Cooperation in Education & Research [www.oad.at]

Austrian Delegates in FP7/H2020 Programme Committees [www.era.gv.at]
Internationalisation of Research – EU Framework Program 7: TU Wien most successful Austrian Research Institution

TU Vienna: 38 in HES Ranking
(Source: EC - Monitoring of FP7)
Assignment of the 217 FP7-Projects (2007-2013) to specific EU-Programs and thematic areas

Project Budget: € 98.04 Mio, EU Contribution: € 84.13 Mio

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Lessons learned in managing EU research projects

- Project immanent risk of the Unforseen
- Structured approach on risk management in the project design phase
- Apply proper project management techniques in the operational phase
- Keep in touch with the coordinator (and as coordinator with the EC officer !)
European Landscape in Research Funding beyond 2014
Strategic approach of TU Wien in participating in Horizon 2020

- TU Wien International - Global Strategy 2013+
- Five scientific research foci
- International Partnership Agreements

www.tuwien.ac.at
Advice Needed for Horizon 2020

S. McCarthy, EARMA Conference 2014
Future Role of the Research Support Office

President
University Management Board

University Strategy
University Ranking
Increase Income

Outside Links
Support Services
Support

Report

Resources
Funding
Freedom

Research Groups

S. McCarthy, EARMA Conference 2014
EU’s Research communication media

The H2020 (EU Framework Programme for Research and Innovation) is the EU’s main instrument for funding research.

3 Internet portals related to the H2020 are currently used:

• **RESEARCH on EUROPA** → policy context
  [http://ec.europa.eu/research](http://ec.europa.eu/research)

• **PARTICIPANT PORTAL** → interactions with participants
  [http://ec.europa.eu/research/participants/portal](http://ec.europa.eu/research/participants/portal)

• **CORDIS** → dissemination of results

P. Härtwich, EC GD RTD 2014
Recommendations for applying a successful research proposal

- Start preparation of proposal early
- Get in contact with your national contact point for training and advice
- Enhance face to face communication
- Scientific & technology excellence
- Implementation and impact of the project
- Experienced coordinator

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