

The International Dimension in HORIZON 2020

Gettogether TOMSK PU – TU Wien

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1. EU Research Support at TU Vienna

- Service Unit for Researchers, Managers and Administrators
- Central Contact Point for EU Research Projects at TU Vienna
- Support in Preparation & Implementation of EU Research Projects

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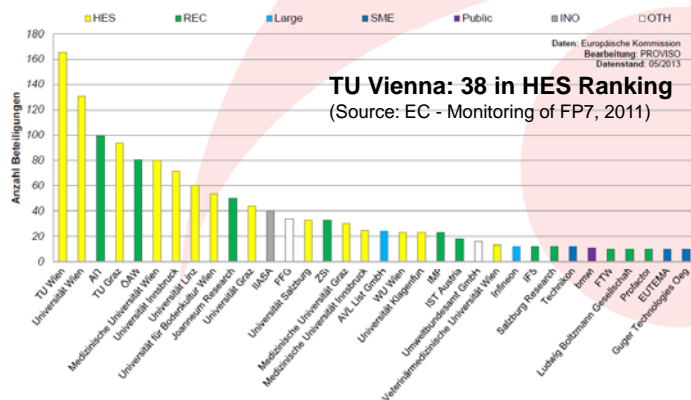
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2. Success of TU Vienna in FP7

7. RP: österreichische Beteiligungen nach Organisation¹

dargestellt sind alle österreichischen Organisationen mit derzeit *mindestens zehn verhandelten Beteiligungen* im 7. RP

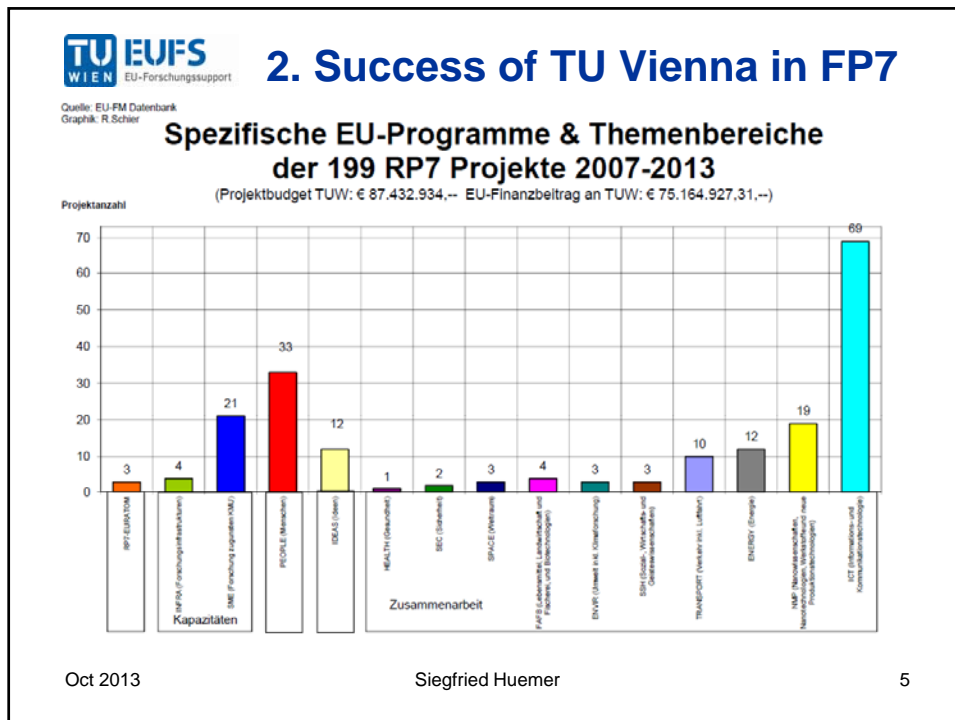


¹ Abkürzungen siehe Anhang

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TU WIEN EUFS EU-Forschungssupport **3. HORIZON 2020 - Background**

- European Commission proposal for a 70 billion € research and innovation funding programme (2014 -2020)
- A core part of the Europe 2020 Strategy, Innovation Union & European Research Area:
 - Responding to the economic crisis to invest in future jobs and growth
 - Addressing people´s concerns about their livelihoods, safety and environment
 - Strengthening the EU´s global position in research, innovation and technology

EC: Proposal for Horizon 2020, 30th Nov. 2011

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3. HORIZON 2020 - Background

- A single programme bringing together three separate EU research programmes & technology initiatives (Successor of the 7th Research Framework Programme (FP7), Competitiveness and Innovation Framework Programme (CIP) & European Institute of Innovation and Technology (EIT))
- Coupling research to innovation – from research to retail, all forms of innovation
- Focus on societal challenges facing EU society, e.g. secure, clean and efficient energy, environment and resource efficiency
- Simplified access, for all companies, universities, institutes in all EU Countries and beyond worldwide

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3. Objectives in HORIZON 2020

1. Strengthening the European **excellent science** base
2. Boosting Europe's **industrial leadership** and competitiveness
3. Increasing the contribution of research and innovation to solutions for key **societal challenges**
4. Integrating the knowledge triangle of **education, research, and innovation**
5. Providing scientific and technical support to **EU policies**

M. Horvat: H2020 bridges, Dec. 2011

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3.1 Strategy for International Cooperation in Horizon 2020

Need to engage more actively and strategically in international cooperation:

Three main objectives of H2020:

- Strengthen the European Union's excellence and attractiveness in research and innovation as well as its industrial & economic competitiveness
- Tackle global societal challenges
- Support the Union's external policies

Combining openness with better targeted actions

Strengthened partnership with Member States

Stronger contribution of research and innovation to external policies of the Union (J. Claxton, EARMA Conference 2013)

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3.1 International Cooperation in Horizon 2020


- General opening
- Targeted activities in Societal Challenges and Industrial Leadership
 - Projects with required or preferential 3rd country participation
 - Joint calls, delegated management, ERA-NET, Art 185
- Excellent Science
 - Marie Skłodowska-Curie Fellowships: strong international dimension
 - ERC open to researchers from all over the world – research to be carried out mostly in Member States or Associated Countries
 - Development of global research infrastructures
- Dedicated cross-cutting actions – Inclusive, Innovative and Secure Societies challenge (J. Claxton, 2013)
 - www.earma-vienna-2013.com/index.php?id=1328


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 3.2 Budget for HORIZON 2020	
1. Excellent Science	31.73 %
1.1. European Research Council (ERC)	17.0 %
1.2. Future and Emerging Technologies (FET)	3.5 %
1.3. Marie Skłodowska Curie actions	8.0 %
1.4. Research infrastructures	3,3 %
2. Industrial Leadership	22.09 %
2.1. Leadership in enabling and industrial technologies	17.6 %
2.2. Access to risk finance	3.7 %
2.3. Innovation in SMEs	0.8 %
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 3.2 Budget for HORIZON 2020	
3. Societal Challenges	38.53 %
3.1. Health, demographic change and wellbeing	9.7 %
3.2. Food security, sustainable agriculture, marine and maritime and inland water research, and bio- economy	5.0 %
3.3. Secure, clean and efficient energy	7.7 %
3.4. Smart, green and integrated transport	8.2 %
3.5. Climate action, environment , resource efficiency and raw materials	4.0 %
3.6. Europe in a changing world - Inclusive, innovative and reflective societies	1.7 %
3.7. Secure Societies – Protecting Freedom and Security of Europe and its citizens	2.2 %
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 3.2 Budget for HORIZON 2020	
European Institute of Innovation & Technology (EIT)	3.52 %
Non-nuclear Actions of Joint Research Centre (JRC)	2.47 %
Widening Participation	1.06 %
Science with and for Society	0.60 %
TOTAL	100.00 %
TOTAL HORIZON 2020 (EURO million)	70,200
(informal agreement between European Commission, Council and European Parliament, June 30, 2013)	

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 3.3 General Rules of Participation	
1. A single set of rules	
<ul style="list-style-type: none"> - Adapted for the whole research and innovation cycle - Covering all research programmes and funding bodies - Aligned to the Financial Regulation, coherent with other EU Programmes 	
2. One project – one funding rate for all participants	
<ul style="list-style-type: none"> - Maximum of 100% of the total eligible costs (except for actions close to market, with a maximum of 70%) - Indirect costs: a flat rate of 25% of direct eligible costs 	
3. Rules for grants	
<ul style="list-style-type: none"> - Broader acceptance of participants accounting practices for direct costs, and flat rate for indirect costs - No time-sheets for personnel working full time on a project - Possibility of output-based grants 	

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3.3 General Rules of Participation

4. Evaluation criteria

- Scientific excellence (ERC: excellence only)
- Impact of the project
- Implementation

5. Targeted controls and audits

- Lower level of requirements for audit certificates
- Audit strategy focused on risk and fraud prevention

6. Rules on intellectual property

- Balance between legal security and flexibility
- Tailor-made IPR provisions for new forms of funding
- Emphasis on open access to research publications

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3.4 European Research Council

- ERC Starting Grant: up to 1,5 Mio € for 60 months
- ERC Consolidator Grant: up to 2,0 Mio € for 60 months
- ERC Advanced Grant: up to 2,5 Mio € for 60 months

- Call Pre-announcement: End of 2013
- Call Publication: expected 2014
- First deadlines: expected March 2014

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3.5 Marie Sklodowska-Curie

- **ITN – Innovative Training Networks:** up to 36 months
 - European Training Networks
 - European Industrial Doctorates
 - European Joint Doctorates
- **RISE – Research and Innovation Staff Exchange**
 - Early stage researcher or experienced staff
 - Secondement: up to 12 months
- **COFUND – Co-funding of regional, national and international Programmes**
- **IF – Individual Fellowships:** up to 24 months
 - European and Global Fellowships

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3.6 Next steps towards HORIZON 2020

- **October/November 2013:** Vote on Horizon 2020 in European Parliament
- **November/December 2013:** Adoption by the Council
- **10th / 11th December 2013:** Adoption of Work Programmes & publication of first calls
- **November 2013 to January 2014:** HORIZON 2020 national launch events

25th November 2013: **EU-Russia** opening ceremony in Moscow

16th December 2013: Austrian launch „**Environment**“ in Vienna

18th December 2013: Austrian launch „**Energy**“ in Vienna

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4. Useful links

EC official documents: www.ec.europa.eu/research/horizon2020

BILAT-RUS-Advanced: www.bilat-rus.eu

EU-Russia Year of Science 2014: www.eu-russia-yearofscience.eu

FFG Austria Horizon 2020: www.ffg.at/Europa/Horizon2020

EU Research and Innovation Participant Portal:
<http://ec.europa.eu/research/participants/portal/page/home>

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