



TECHNISCHE
UNIVERSITÄT
WIEN
Vienna University of Technology



European Research Council
Established by the European Commission

ERC Consolidator Grant in Horizon 2020 - Call 2017

Welcome
EU Research Support

Siegfried Huemer

24.10.2016

- TU Wien central contact point for EU research projects
- Service provider for scientists and research administrators
- Providing information and advice on the EU Research Programmes and Technology Initiatives
 - HORIZON 2020
 - Joint Programming and Technology Initiatives
 - COST, EUREKA, RFCS, etc.
- Providing legal, financial and administrative information
- Implementing the electronic signature in H2020
- Networking with EC, national and international research organizations

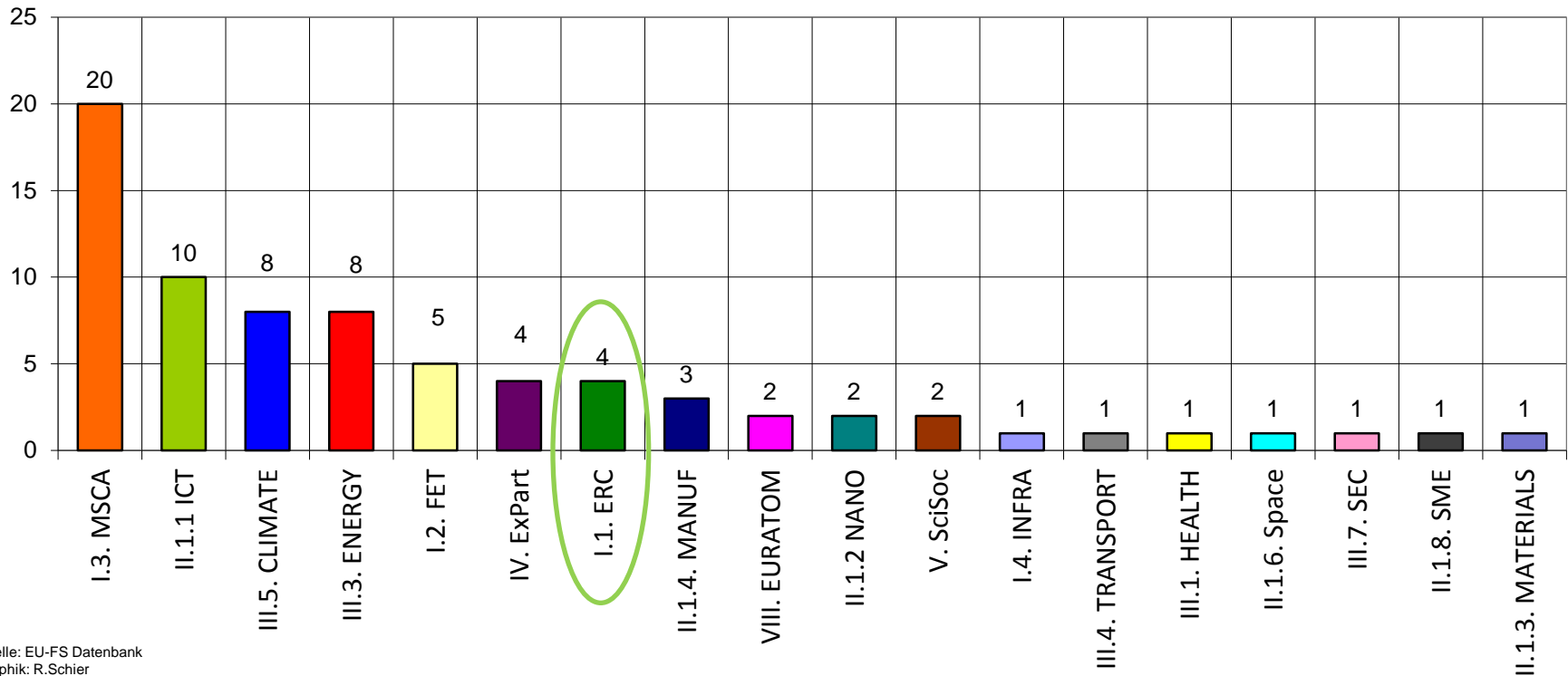
Structure of Horizon 2020

I. Excellence Science	II. Industrial Leadership	III. Societal Challenges
I.1. European Research Council (ERC)	II.1.1. Information and Communication Technologies (ICT)	III.1. Health, Demographic Change and Wellbeing
	II.1.2. Nanotechnologies	III.2. Food Security, Sustainable Agriculture and Forestry, Marine and Maritime and Inland Water Research and the Bioeconomy
I.2. Future and Emerging Technologies (FET)	II.1.3. Advanced Materials	III.3. Secure, Clean and Efficient Energy
	II.1.4. Advanced Manufacturing and Processing	III.4. Smart, Green and Integrated Transport
I.3. Marie Skłodowska-Curie Actions (MSCA)	II.1.5. Biotechnology	III.5. Climate Action, Environment, Resource Efficiency and Raw Material
	II.1.6. Space	III.6. European in a Changing World - Inclusive, Innovative and Reflective Societies
I.4. Research Infrastructures	II.2. Access to risk finance	III.7. Secure Societies - Protecting Freedom and Security of Europe and its Citizens
	II.3. Innovation in SMEs	
IV. Spreading Excellence and Widening Participation		
V. Science with and for Society		
VI. Joint Research Centre (JRC non-nuclear direct actions)		
VII. European Institute of Innovation and Technology (EIT)		
EURATOM Research and Training		

75 H2020 Projects: Research Programmes

TUW Costs : € 26.531.719,-- EU Contribution TUW: €26.200.440,--

Project



Quelle: EU-FS Datenbank
Graphik: R.Schier
Geprüft: S. Huemer (30.6.2016)

4 ERC Grants und 2 Proof of Concepts in H2020



Laura Kovacs, Symbolic Computation and Automated Reasoning for Program Analysis, **SYM CAR**, StG-2014 (ICT)

Jan Kunes, Excitonic Magnetism in Strongly Correlated Material, **EXMAG**, CoG-2014 (QPT)



Aleksandr Ovsianikov, Laser-Based Bioprinter, **Laser-Bioprint**, PoC-2015 (MM)



Siegfried Selberherr, Non-Volatile Magnetic Flip Flop, **NOVOFLOP**, PoC-2015 (MM)

Tenio Popmintchev, X-ray - waveforms at the Space-Time Resolution Extreme for Atomic-scale Movies, **XSTREAM**, StG-2016, (MM)



Silvan Schmid, NanoPlasmoMechanical Systems, **PLASMECS**, StG-2016 (MM)

Commissioner for Research, Science and Innovation

*„Through the **ERC Starting Grants**, the EU attracts young research talents and keeps it in Europe. With the EU backing these grantees will be able to pursue their **best ideas**, but also **create quality jobs for more research staff** who wish to work on the frontiers of science. Ultimately they will contribute to creating the most valuable resource Europe has: **human capital**.“*

Carlos Moedas

Leiter: EU-Förderinstrumente, Finanzhilfevereinbarungen (GA), Budgetierung, ESA-EIA & LEAR

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EU-Forschungsverträge (GA, CA, etc.) und EU-Rechtsinformation

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