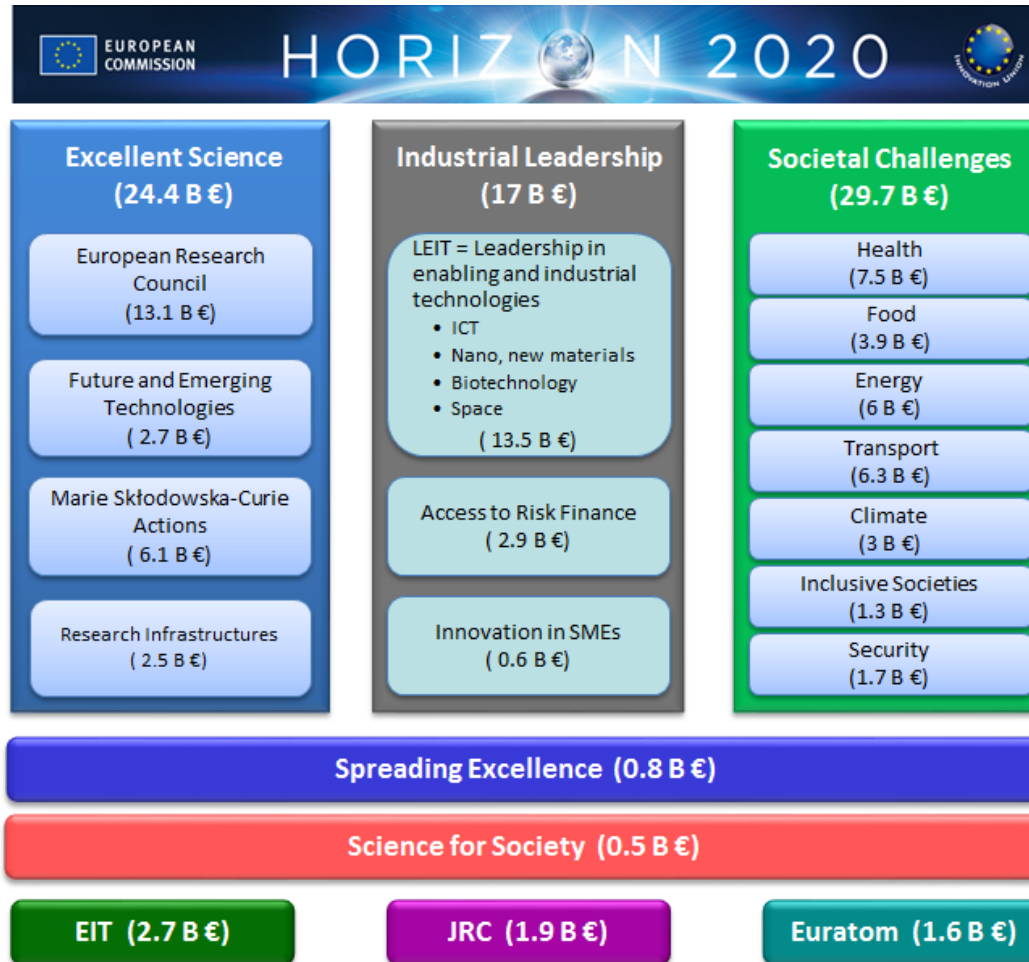


Take advantage of European Programmes for Research and Innovation

Manfred Halver
FFG – Austrian Research Promotion
Agency



HORIZON 2020 – FACTS/FIGURES/SCOPE



- A 77 billion € investment package for R&D
- 2014-2020
- Work Programme 2018-2020 to be issued in 2nd half of 2017
- Tackles global challenges → open to international cooperation

NOT ONLY EU COUNTRIES BENEFIT...



Source EU-Performance Monitoring: HORIZON 2020, February 2017

Retained for funding so far in HORIZON 2020

PROJECTS	PARTICIPATIONS	EU CONTRIBUTION
13.031	55.169	22.634,1 Mio. €

United States accounts for

PROJECTS	PARTICIPATIONS	EU CONTRIBUTION
473	603	60,1 Mio. €
United States participates in 3,6% of all projects.	This corresponds to 1,1% of all participations.	This corresponds to 0,3% of all contributions.

PARTICIPATIONS IN GRANT AGREEMENTS

134
This corresponds to 22,2% of all participations of US.

SUCCESS RATE

17,9%
17,9% of eligible participations were retained.

USE OF PROGRAMMES BY UNITED STATES PARTNERS



TOP PROGRAMMES IN HORIZON 2020

- Marie Sk.-Curie Actions
- Health, demographic change & wellbeing
- Information and Communication Technologies
- Climate action
- Inclusive, innovative and reflective Societies

Participations
All countries US %US of all

H2020	47.123	475	1,0%
EC Treaty	48.700	471	1,0%
Excellent Science	13.763	334	2,4%
European Research Council	2.247	9	0,4%
Future and Emerging Technologies	1.023	0	0,0%
Marie Skłodowska-Curie actions	8.266	315	3,8%
Research Infrastructures	2.227	10	0,4%
Excellent Science - Cross-theme	0	0	-
Industrial Leadership	11.942	32	0,3%
Leadership in enabling and industrial technologies (LEIT)	11.187	32	0,3%
Information and Communication Technologies	6.028	15	0,2%
Nanotechnologies, Advanced Materials and Production	851	3	0,3%
Advanced materials	748	8	1,1%
Biotechnology	213	0	0,0%
Advanced manufacturing and processing	1.532	1	0,1%
Space	1.205	5	0,4%
Access to risk finance	30	0	0,0%
Innovation in SMEs	725	0	0,0%
Industrial Leadership - Cross-theme	0	0	-
Societal Challenges	19.741	103	0,5%
Health, demographic change and wellbeing	3.573	57	1,6%
Food security, sustainable agriculture and forestry, marine and maritime and inland water policy and food safety	2.834	9	0,3%
Secure, clean and efficient energy	3.952	6	0,2%
Smart, green and integrated transport	4.002	2	0,0%
Climate action, environment, resource efficiency and raw materials	2.875	13	0,5%
Europe in a changing world - Inclusive, innovative and reflective Societies	1.323	12	0,9%
Secure societies - Protecting freedom and security of Europe and its citizens	1.182	4	0,3%
Societal Challenges - Cross-theme	0	0	-
Spreading excellence and widening participation	419	0	0,0%
Teaming of excellent research institutions and low performing RDI regions	111	0	0,0%
	259		

Source EU-Performance Monitor: Horizon 2020, September 2016

HOW TO TAKE PART IN HORIZON 2020 (1)



General opening

- Horizon 2020 is open to participation of researchers from anywhere in the world
- Industrialized countries & emerging economies will only receive funding under specific conditions

Societal Challenges and Industrial Leadership

- Targeted activities/projects with required or preferential 3rd country participation
- Joint/coordinated/synchronised calls, ERA-NETs, JPIs, Article 185 initiatives

HOW TO TAKE PART IN HORIZON 2020 (2)



Excellent science

- Marie Skłodowska-Curie Actions: → strong international dimension
- ERC → open to researchers from all over the world

Cross-cutting horizontal actions

- Support for bilateral, multilateral and bi-regional policy dialogue
- Coordination of EU and MS/AC international cooperation policies
- Strengthening of European presence in international partner countries

HOW TO TAKE PART IN HORIZON 2020 (3)



- „Enlargement and neighbourhood countries“

→ *eligible for automatic funding*

- Focus on alignment with the ERA
- Support enlargement and neighborhood policies (support to developing a common 'Knowledge and Innovation Space')

- **Industrialized (e.g. USA) and emerging economies (BRIC+Mexico)***

→ *which will receive funding only under specific conditions*

* *already established H2020 co-funding mechanisms*

- **Focus on competitiveness**
- **Tackle global challenges**
- **Business opportunities and access to new markets**

- **Developing Countries**

→ *eligible for automatic funding*

- Support development policy by building partnerships contributing to sustainable development
- Address relevant challenges (e.g. poverty-related diseases, energy and food security, biodiversity)

NEW – ARTICLE 14a Grant Agreement (GA)



Participation in HORIZON 2020 Projects	Signature of GA	EU-Funding
<p>Exception: Participation with funding if</p> <ul style="list-style-type: none"> • Funding indicated in Work Programme <i>or</i> • Bilateral agreement <i>or</i> • Participation essential for the project 	<p>YES (all articles apply)</p>	<p>YES</p>
<p>Standard: „Implementation of action tasks by Beneficiaries not receiving EU funding“ (Article 9 GA)</p>	<p>YES (specific articles do not apply)</p>	<p>NO (potentially national co-financing)</p>
<p>NEW: „Implementation of action tasks by partner organisations“ (Article 14a GA)</p> <p><i>'Partner organisation' is any legal entity established in a non-associated third country which is not eligible for funding under Article 10 of the Rules for Participation Regulation No 1290/2013.</i></p>	<p>NO</p>	<p>NO</p>

PARTICIPATION OF US PARTNERS IN HORIZON 2020 – EXCEPTION IN „HEALTH“

- **in „Health, demographic change and wellbeing“ US Partners receive normal H2020 funding!**
- *„in recognition of the opening of the US National Institutes of Health’s programmes to European researchers, any legal entity established in the USA is eligible to receive Union funding to support its participation in projects“*
- so far, 77x US Partners are involved in Health projects => very successful third country (comparison: Canada 19x, Australia 20x)



MARIE SKŁODOWSKA-CURIE ACTIONS

(MSCA) are something for you, if you...

- ... want to go to/return **to Europe** or an Associated Country, carrying out an **individual research** project at an excellent host organisation (academic or private sector)
- ... want to host excellent researchers **from Europe** or an Associated Country for the benefit of your research organisation

MSCA*-Individual Fellowships (IF) promote the career development of researchers undertaking international mobility

- ... want to establish or deepen co-operations with universities or companies in Europe or an Associated Country

MSCA-Research and Innovation Staff Exchange (RISE) promotes the international staff exchange

PROFITING FROM ERC FUNDING



You can develop your career through **public funding linked to ERC projects**, even if you do not receive an ERC Grant:

- **Jobs in ERC teams:** Recipients of ERC grants can use their funding to recruit other researchers and team members for their project. On average, each team has 4-5 members.
- **Visiting Research Fellowships:** A number of European countries fund research visits to established ERC projects in order to develop researchers' potential before they apply for their first ERC grant.

- **International Arrangement funding:** International agreements with funding agencies and science ministries in China, South Africa, the **United States** and some other countries support **young researchers to temporarily join ERC** teams in Europe.

https://erc.europa.eu/sites/default/files/document/file/agreement_EC_NSF.pdf

PROFITING FROM ERC FUNDING AGREEMENT BETWEEN NSF - EC



Cooperation between US-based scientists and EU-based scientists in terms of research visits to ERC funded projects.

https://erc.europa.eu/sites/default/files/document/file/agreement_EC_NSF.pdf



- ... supports the development and extension of interdisciplinary and intersectoral **networks**
- .. to cooperate and jointly develop new ideas → e.g. **H2020 research projects**
- Easy entry to participation in running COST Actions:
http://www.cost.eu/COST_Actions/all_actions

COST - OPEN FOR INTERNATIONAL COOPERATION



- Currently **128 US participations** in running COST Actions
- **global cooperation** (“International partner countries” - IPC) on the basis of mutual interest
- benefit from large interdisciplinary and intersectoral networks

- participate as Management Committee Observer

**reimbursement
available!**

- host Short Term Scientific Missions
- be a trainer in Training Schools
- speak at events

General Interest

- COST Association (http://www.cost.eu/about_cost/who)
- Contact Point in Austria (→ FFG)
<https://www.ffg.at/programme/cost>

Interest in specific Action

- Chair of respective COST Action
(*contacts online on respective COST Action website*)

NEED MORE INFORMATION ON EUROPEAN FUNDING?



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JOIN NEXT WEDNESDAY WEBINAR!



April 26, 2017
12:00 - 1:00 PM
EST
(18:00-19:00 CEST)

**Marie Skłodowska -
Curie Actions and
ERC: Your ticket to
Europe?**

More information and registration on:
https://www.ffg.at/europe/events/ffg-academy_osta_webinars2017



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