

Horizon 2020

Projektförderung durch die EU

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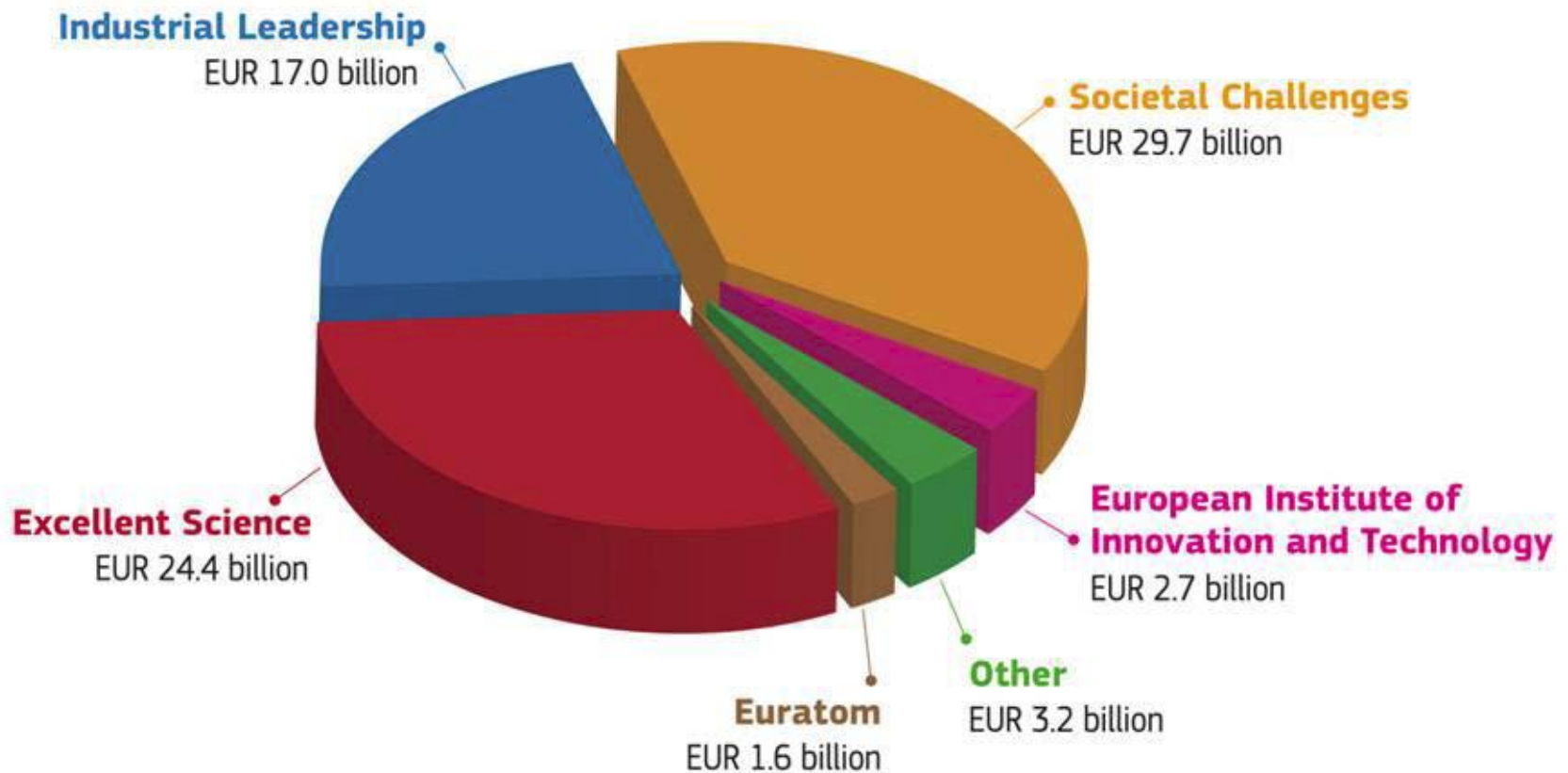
Überblick

- Was für Projekte werden gefördert?
- Wer kann sich beteiligen?
- Gibt es Einschränkungen oder Sonderregelungen für Schweizer Partner?
- Bedeutung HORIZON 2020 im Vergleich mit SNF und KTI
- Wie finde ich offene Ausschreibungen?
- Wer kann mich unterstützen?

WAS FÜR PROJEKTE FÖRDERT HORIZON 2020?

Budget of Horizon 2020

HORIZON 2020 BUDGET (EUR 78.6 billion, current prices)



H2020: Overview & Structure

HORIZON 2020

Excellent Science

European Research Council (ERC)

Future Emerging Technologies (FET)

Marie Skłodowska Curie Actions (MSCA)

European Research Infrastructures



Wissenschaft

Industrial Leadership

Enabling and Industrial Technologies

Access to Risk Finance

Innovation in SMEs



Industrie

Societal Challenges

Health, Demographic Change and Wellbeing

Food Security, Sustainable Agriculture, etc.

Secure, Clean and Efficient Energy

Smart, Green and Integrated Transport

Climate Action, Resource Efficiency and Raw Materials

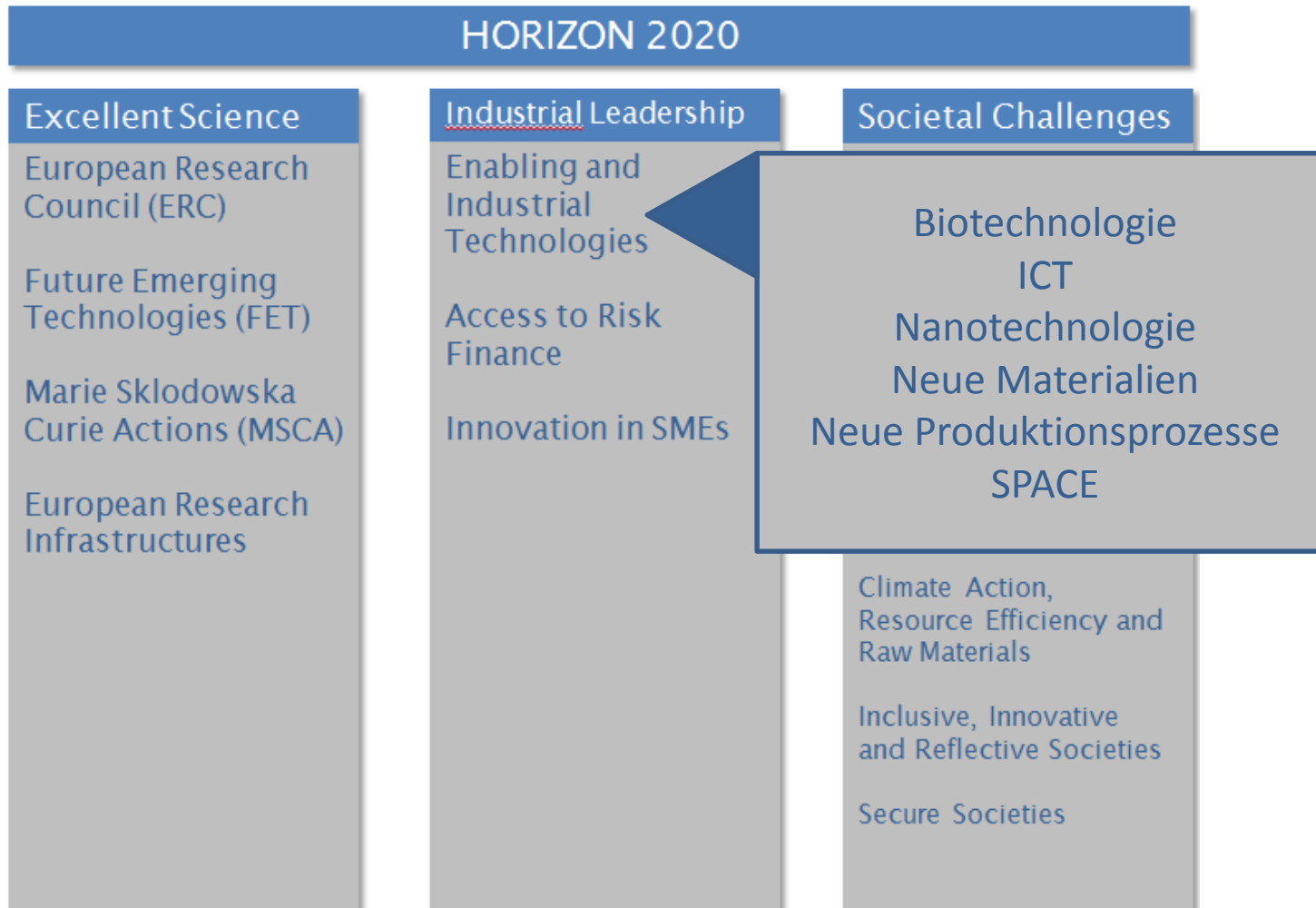
Inclusive, Innovative and Reflective Societies

Secure Societies



Gesellschaft

H2020: Overview & Structure



H2020: Overview & Structure

HORIZON 2020

Excellent Science

European Research Council (ERC)

Future Emerging Technologies (FET)

Marie Skłodowska Curie Actions (MSCA)

European Research Infrastructures

Largely Bottom up

Industrial Leadership

Enabling and Industrial Technologies

Access to Risk Finance

Innovation in SMEs

Largely Top Down

Societal Challenges

Health, Demographic Change and Wellbeing

Food Security, Sustainable Agriculture, etc.

Secure, Clean and Efficient Energy

Smart, Green and Integrated Transport

Climate Action, Resource Efficiency and Raw Materials

Inclusive, Innovative and Reflective Societies

Secure Societies

Largely Top down

Bottom up =
Inhalt offen

Top down =
Themen vorgegeben,
Lösungen für gegebene Probleme

H2020: Overview & Structure

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Einzelprojekte

H2020: Overview & Structure

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Verbundprojekte

Was ist ein typisches Projekt?

- 7-12 Partner
- Mind. 3 Länder (aktuell plus CH)
- Forschungspartner und Umsetzungspartner
- Projektgrösse:
 - Kleine Projekte 3-5 Mio. Euro
 - Grosse Projekte >10 Mio. Euro
- RIA – Research and Innovation Actions
 - Kostenerstattung alle Partner 100% plus Overhead 25%
- IA – Innovation Actions
 - Kostenerstattung für Unternehmen 70% plus 25% Overhead, alle anderen 100%

WER KANN SICH BETEILIGEN?

Wer kann sich beteiligen?

- Hochschulen
- Forschungseinrichtungen
- Unternehmen
- NGOs
- Behörden
- ... eigentlich alle

SONDERREGELUNGEN FÜR SCHWEIZER PROJEKTPARTNER?

Sonderstatus der Schweiz

Teilassoziierung

15.9.2014 bis 31.12.2016

Danach entweder volle Assoziierung
oder im ganzen Programm Status eines
industrialisierten Drittlandes.

Was heisst Teilassoziierung?

HORIZON 2020

Excellent Science

European Research Council (ERC)
Future Emerging Technologies (FET)
Marie Skłodowska Curie Actions (MSCA)
European Research Infrastructures

Schweiz ist assoziiert, Finanzierung durch EU (in Euro)

Industrial Leadership

Enabling and Industrial Technologies

Access to Risk Finance

Innovation in SMEs

Societal Challenges

Health, Demographic Change and Wellbeing
Food Security, Sustainable Agriculture, etc.
Secure, Clean and Efficient Energy
Smart, Green and Integrated Transport
Climate Action, Resource Efficiency and Raw Materials
Inclusive, Innovative and Reflective Societies
Secure Societies

Schweiz ist Drittland, Finanzierung durch das SBFI (in CHF)

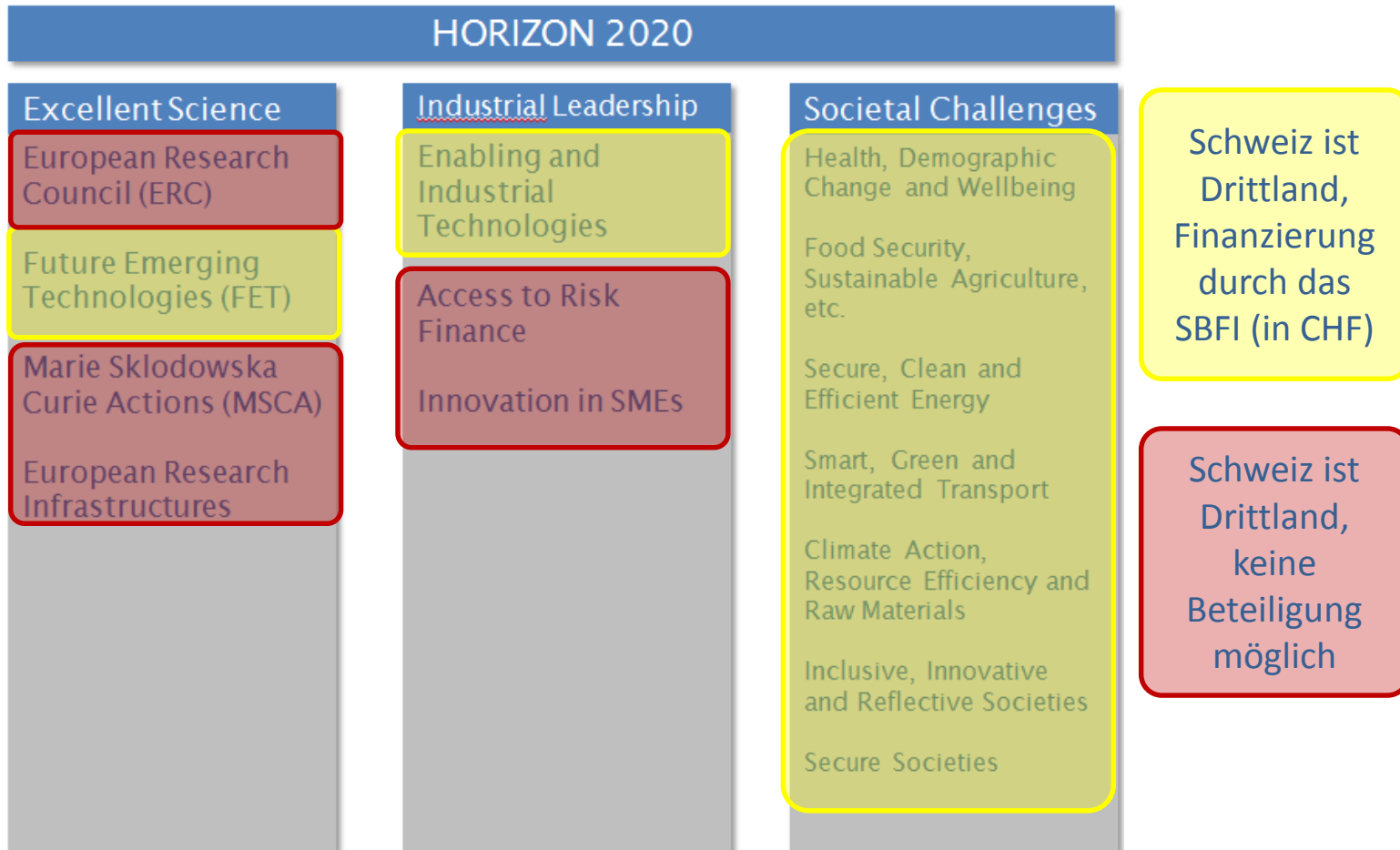
Schweiz ist Drittland, keine Beteiligung möglich

Volle Assoziierung

HORIZON 2020		
Excellent Science	<u>Industrial Leadership</u>	Societal Challenges
European Research Council (ERC)	Enabling and Industrial Technologies	Health, Demographic Change and Wellbeing
Future Emerging Technologies (FET)	Access to Risk Finance	Food Security, Sustainable Agriculture, etc.
Marie Skłodowska Curie Actions (MSCA)	Innovation in SMEs	Secure, Clean and Efficient Energy
European Research Infrastructures		Smart, Green and Integrated Transport
		Climate Action, Resource Efficiency and Raw Materials
		Inclusive, Innovative and Reflective Societies
		Secure Societies

Schweiz ist assoziiert, Finanzierung durch EU (in Euro)

Schweiz als Drittland



Federal Administration > EAER > SERI

Contact | DE FR IT EN

Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

**State Secretariat for Education,
Research and Innovation SERI**

Q

-- Please select --

News Topics Documentation Services The SERI

Horizon 2020

Transitional Measures for
Horizon 2020

Swiss Status in Horizon 2020

Legal Basis

Submission of Funding
Requests

Links and Contacts

Home

[Print version](#)

Swiss Transitional Measures for Horizon 2020

Welcome to the platform for Switzerland's project-by-project participation in Horizon 2020 and its transitional funding scheme. On this page, the State Secretariat for Education, Research and Innovation (SERI) provides you with all the details you need to submit funding requests for Switzerland's third country participation in collaborative research projects under Horizon 2020 – the 8th Research and Innovation Framework Programme of the European Union.



Background information on the latest political developments, about the conditions for Swiss participation in Horizon 2020 and about the calls covered by Switzerland's transitional funding scheme can be found under [Swiss status in Horizon 2020](#).

The revised Ordinance on Measures for Swiss Participation in the European Union Framework Programmes in the field of Research and Innovation forms the legal basis for the direct funding of Swiss project partners in Horizon 2020 projects. The full text is available under [Legal basis](#) (in german).

Funding of Swiss partners

SERI will finance Swiss partners involved in Horizon 2020 collaborative projects, provided that they are eligible and comply with the funding conditions. Requests can be submitted here: [Submission of funding requests](#). Guidance explaining the submission procedure and the conditions for funding is provided in the same section.

Contact

■ [Links and Contacts](#)

News

- [Horizon 2020](#)
22.10.2014 | 330 kb | PDF
- [Federal Council approves the Horizon 2020 package](#)
(22.10.2014)
- [Horizon 2020: Support for researchers in Switzerland](#)
(25.06.2014)

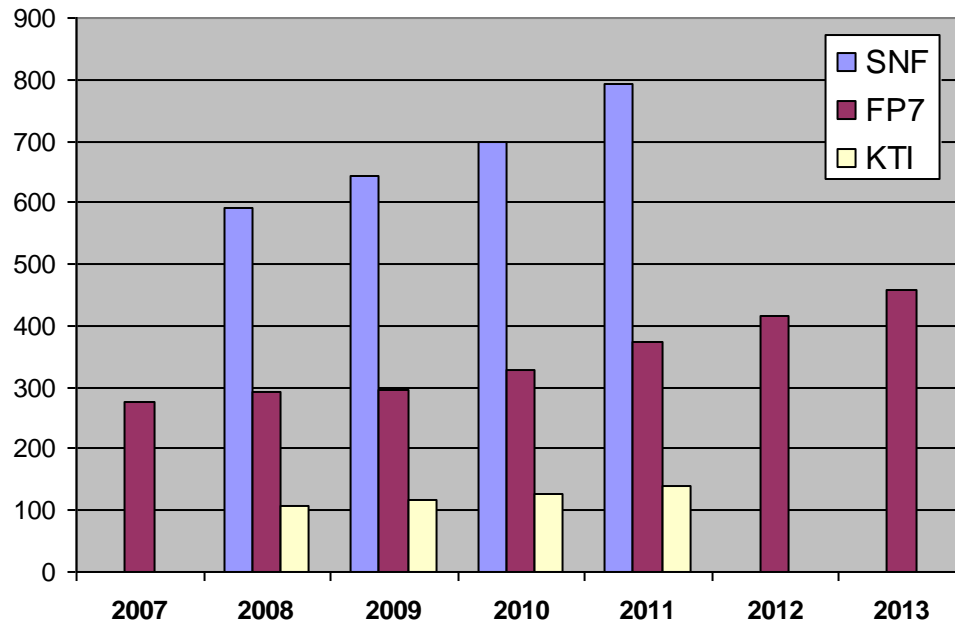
Further information

- [Horizon 2020 – the European Union's Framework Programme for Research and Innovation \(2014-2020\)](#)
- [Euresearch](#) 
- [Information about Horizon 2020 by the EU](#) 

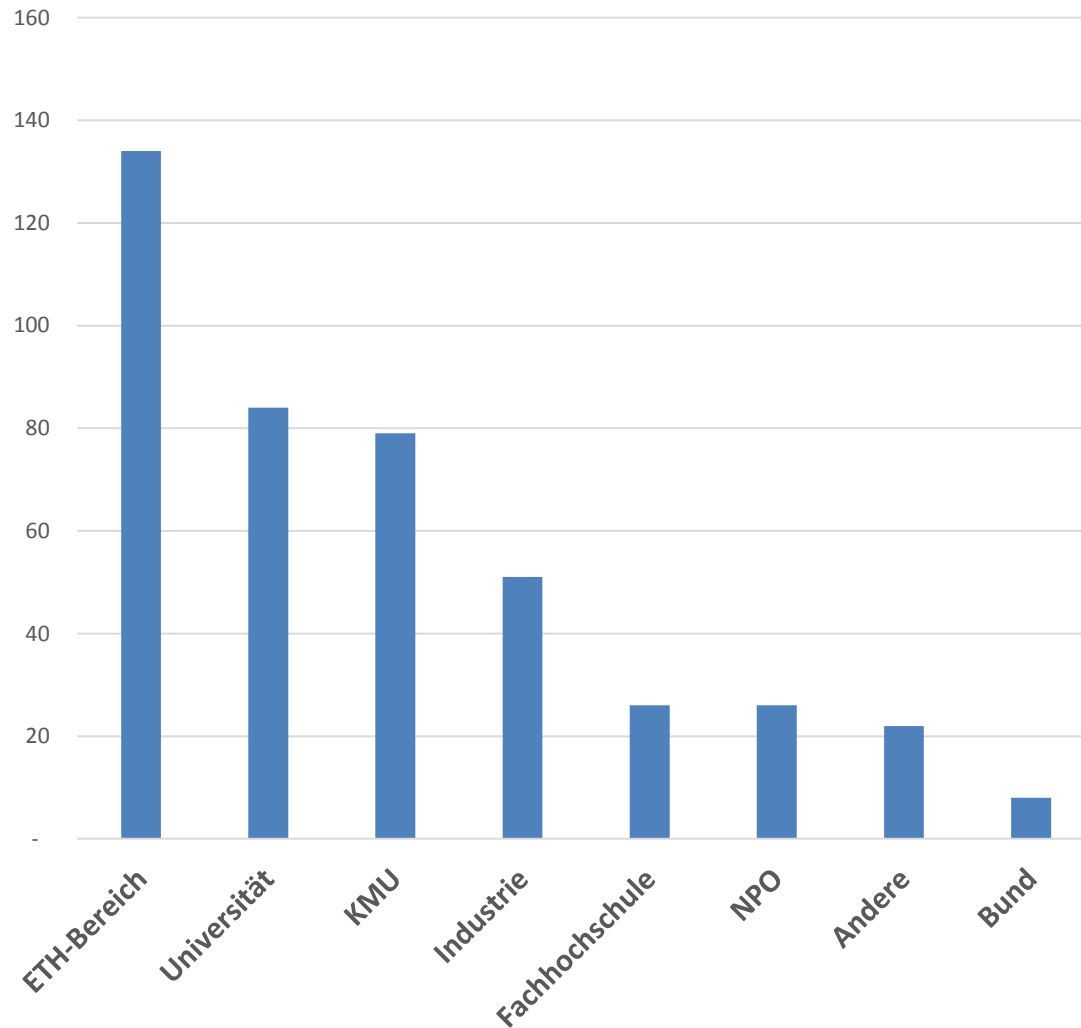
Vergleich mit anderen Förderprogrammen

BEDEUTUNG DES PROGRAMMS HORIZON 2020

Bedeutung HORIZON 2020

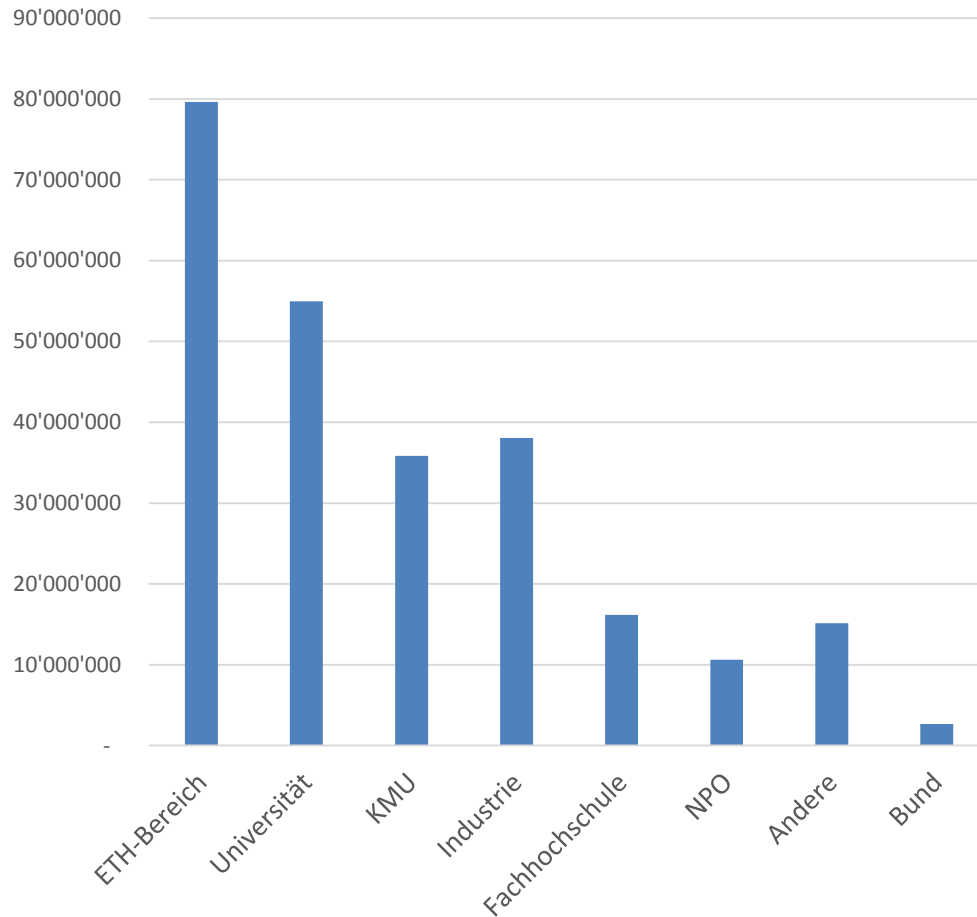


SBFI-finanzierte Projekte



Stand Januar 2016

SBFI-finanzierte Projekte



Stand Januar 2016

Hauptunterschiede zu KTI Projekten

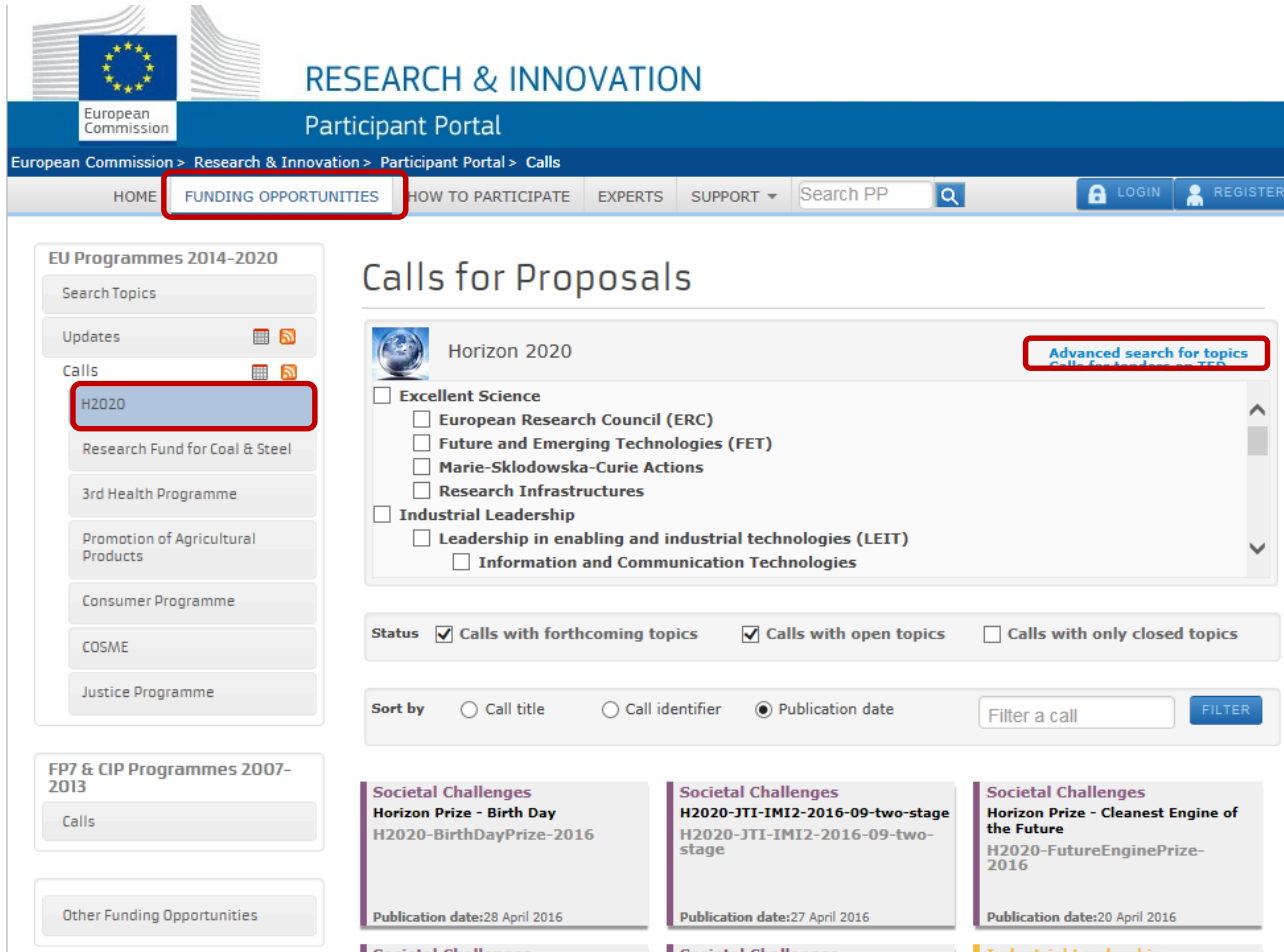
- Vorgegebene Themen
- Längere Vorbereitung
- Niedrigere Erfolgsquote
- Mehr Partner
- Längere Laufzeit (idR 3-5 Jahre)
- Grössere Budgets
ø mehr als 500'000 CHF pro Partner
- Internationale Vernetzung

WO FINDE ICH INTERESSANTE AUSSCHREIBUNGEN?

Wie finde ich offene Ausschreibungen?

- Information über Euresearch
 - Mail an stgallen@euresearch.ch oder anrufen
 - Interessenprofil anlegen unter www.euresearch.ch
- Participant Portal
- Arbeitsprogramme
- Topic previews Euresearch

Participant Portal



The screenshot shows the 'Participant Portal' interface. At the top, there is a navigation bar with the European Commission logo and the text 'RESEARCH & INNOVATION Participant Portal'. Below this is a breadcrumb trail: 'European Commission > Research & Innovation > Participant Portal > Calls'. The main navigation menu includes 'HOME', 'FUNDING OPPORTUNITIES' (highlighted with a red box), 'HOW TO PARTICIPATE', 'EXPERTS', and 'SUPPORT'. A search bar labeled 'Search PP' and buttons for 'LOGIN' and 'REGISTER' are also present.

The main content area is titled 'Calls for Proposals'. It features a 'Horizon 2020' section with a globe icon and a link for 'Advanced search for topics'. Below this, there are two main categories: 'Excellent Science' and 'Industrial Leadership', each with a list of sub-topics and checkboxes. The 'Excellent Science' sub-topics are: European Research Council (ERC), Future and Emerging Technologies (FET), Marie-Sklodowska-Curie Actions, and Research Infrastructures. The 'Industrial Leadership' sub-topics are: Leadership in enabling and industrial technologies (LEIT) and Information and Communication Technologies.

Below the categories, there are filter options for 'Status' (Calls with forthcoming topics, Calls with open topics, Calls with only closed topics) and 'Sort by' (Call title, Call identifier, Publication date). A 'Filter a call' input field and a 'FILTER' button are also visible.



At the bottom, there are three call cards for 'Societal Challenges' (Horizon Prize - Birth Day, H2020-JTI-IMI2-2016-09-two-stage, and Horizon Prize - Cleanest Engine of the Future) and one card for 'Industrial Leadership'.



<http://ec.europa.eu/research/participants/portal/desktop/en/opportunities/>

Participant Portal

EU Programmes 2014-2020

Search Topics

Updates  

Calls  

H2020

Research Fund for Coal & Steel

3rd Health Programme

Promotion of Agricultural Products

Consumer Programme

COSME

Justice Programme

2 Results

Keyword Search: x

SEARCH If you don't find your topic, you can also use the free text search

Programme H2020 RFCS COSME 3rd Health Programme
 Consumer Programme Justice Programme Promotion of Agricultural Products

Status Forthcoming Open Closed

Sort by (Planned) opening date Deadline Topic title Topic identifier

Topic: GV-06-2017: Physical integration of hybrid and electric vehicle batteries at pack level aiming at increased energy density and efficiency Forthcoming

Publication date: 14 October 2015

Types of action: IA Innovation action

DeadlineModel: single-stage **Deadline:** 01 February 2017 17:00:00

Opening date: 04 October 2016 Time Zone : (Brussels time)

Topic: SC5-15-2016-2017: Raw materials policy support actions Forthcoming

Publication date: 14 October 2015

Types of action: CSA Coordination and support action

DeadlineModel: single-stage **Deadline:** 07 March 2017 17:00:00

Opening date: 08 November 2016 Time Zone : (Brussels time)

FP7 & CIP Programmes 2007-2013

Calls



Other Funding Opportunities



Quick finder for grants for individual researchers and teams:

Participant Portal

EU Programmes 2014-2020

Search Topics

Updates  

Calls  

H2020

Research Fund for Coal & Steel

3rd Health Programme

Promotion of Agricultural Products

Consumer Programme

COSME

Justice Programme

FP7 & CIP Programmes 2007-2013

Calls


Other Funding Opportunities

TOPIC : Physical integration of hybrid and electric vehicle batteries at pack level aiming at increased energy density and efficiency

Topic identifier: GV-06-2017
Publication date: 14 October 2015

Types of action: IA Innovation action
DeadlineModel: single-stage
Planned opening date: 04 October 2016
Deadline: 01 February 2017 17:00:00

Time Zone : (Brussels time)

 **Horizon 2020** [H2020 website](#)
 Pillar: Societal Challenges
 Work Programme Year: H2020-2016-2017
 Work Programme Part: [Smart, green and integrated transport](#)
 Call : [H2020-GV-2016-2017](#) [Call budget overview](#)

Topic Description - Less

Specific Challenge:

In order to make hybrid, plug-in hybrid and fully electric vehicles fit for the mass market, the energy density and efficiency of battery packs need to increase so that this results in higher electric ranges. Besides research on advanced electro-chemistries, the integration of batteries primary cells into battery packs has a major role to play. Advanced physical integration technologies for high energy/power density battery packs should take into account safety and modularity aspects as well as related production and testing methods in order to maintain the strength of the European automotive supply industry in this area. Even though the solutions for system integration depend on the properties of the cells and their control, the further development of electro chemical and battery management systems is not a subject of this call.

Scope:

Proposals should address all the following aspects:

—Thermal, electrical and mechanical design of battery systems based on lithium and post lithium cells (if

Arbeitsprogramme

Work Programmes

2014-15

2016-17

Main WP

1. Introduction 2016-17 >
2. Future and Emerging Technologies (FETs) 2016-17 >
3. Marie Skłodowska-Curie actions (MSCA) 2016-17_v.1.1 >
4. Research infrastructures (including e-Infrastructures) 2016-17_v.1.1 >
5. Introduction to Leadership in enabling and industrial technologies (LEITs) 2016-17 >
- 5i. Information and communication technologies (ICT) 2016-17 >
- 5ii. Nanotechnologies, advanced materials, advanced manufacturing and processing, biotechnology 2016-17 >
- 5iii. Space 2016-17_v.1.1 >
6. Access to risk finance 2016-17_v.1.1 >
7. Innovation in SMEs 2016-17_v.1.1 >
8. Health, demographic change and wellbeing 2016-17_v.1.1 >
9. Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy 2016-17_v.1.1 >
10. Secure, clean and efficient energy 2016-17_v.1.1 >
11. Smart, green and integrated transport 2016-17_v.1.1 >
12. Climate action, environment, resource efficiency and raw materials 2016-17_v.1.1 >
13. Europe in a changing world - inclusive, innovative and reflective societies 2016-17 >
14. Secure societies - protecting freedom and security of Europe and its citizens 2016-17 >
15. Spreading excellence and widening participation 2016-17_v.1.1 >
16. Science with and for society 2016-17_v.1.1 >
17. Cross-cutting activities (Focus Areas) 2016-17_v.1.1 (NEW) >
18. Fast Track to Innovation Pilot 2016-17_v.1.1 >
19. Dissemination, Exploitation and Evaluation 2016-17_v.1.1 >

http://ec.europa.eu/research/participants/portal/desktop/en/funding/reference_docs.html#h2020-work-programmes-2016-17

Euresearch Topic Previews

CALL – ENERGY EFFICIENCY : H2020–EE–2016

Area: 1. Heating and cooling	
<p>Topic EE-01-2017: Waste heat recovery from urban facilities and re-use to increase energy efficiency of district or individual heating and cooling systems</p> <p>EU contribution: EUR 3–4 million</p>	<p>IA</p> <p>Deadline: 2017-01-19</p>
<p>Topic EE-02-2017: Improving the performance of inefficient district heating networks</p> <p>EU contribution: EUR 1–2 million</p>	<p>CSA (special eligibility conditions)</p> <p>Deadline: 2017-06-07</p>
<p>Topic EE-04-2016-2017: New heating and cooling solutions using low grade sources of thermal energy</p> <p>EU contribution: EUR 3–4 million</p>	<p>RIA</p> <p>Deadline: 2017-01-19</p>

WO FINDE ICH UNTERSTÜTZUNG?

Wer unterstützt mich?

Euresearch St. Gallen

Petra Hertkorn-Betz & Christine Poupa



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Euresearch Network

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Lugano Region (incl. UAS & SME mandates)

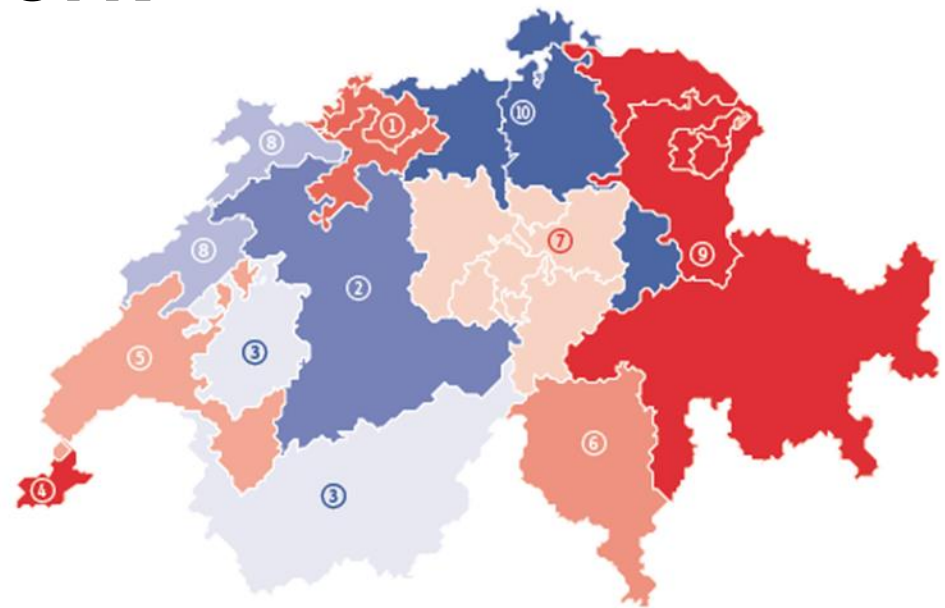
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Zürich Region

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Wer unterstützt mich?

Enterprise Europe Network



<http://www.enterprise-europe-network.ch/>

- Partner finden für HORIZON 2020 Projekte
- Technologie-Partner finden europaweit

EEN Marketplace

<http://www.enterprise-europe-network.ch/marketplace/>

Search results

Technology sector: Automation, Robotics Control Systems

Technology e-Alert

You would like to automatically receive the latest sector specific technology profiles by email?

385 Cooperation profile(s) found.

Title of Profil	Country	Type	Date
LED lighting system developer is looking for power suppliers with possibility to connect with KNX, E-Net, C-Net systems	Lithuania	REQUEST	2016-04-04
Integrated microprocessor system for diagnosis of material processing	Ukraine	OFFER	2016-04-04
A Russian company specializes in development of control and monitoring software proposes partnership for companies interested in offering software solutions on remote device monitoring and management.	Russia	OFFER	2016-03-31
Test equipment and advisory service for companies willing to increase the efficiency of their robotic cells and factories	France	OFFER	2016-03-16
Marine drone, with innovative capabilities both of glide and of semi-immersion, incorporating a submarine vehicle and a air vehicle.	Italy	OFFER	2016-03-15
Technology of development of self- flying drones with varying aerodynamic circuit.	Russia	OFFER	2016-03-11
Collaborative automated machines to reduce hard, troublesome and repetitive tasks	France	OFFER	2016-03-10
Looking for new technologies and applications to integrate in drones and develop public and civil solutions	Spain	REQUEST	2016-03-07

**VIELEN DANK FÜR IHRE
AUFMERKSAMKEIT!**