EUROPEAN UNION ORGANIZATION

European Institutions that elaborate laws and Regulations which are applicable to all countries within the EU

Politics

European parliament

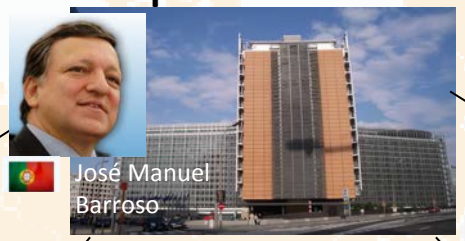
- EU commission supervision
- Law/Regulations approval
- Annual budget approval

European Council

- Establishment of EU Priorities
- Law/Regulations approval
- Annual budget approval

Technicians

European commission



José Manuel Barroso

- Implementation of policies
- Law/Regulations proposal
- Budget utilization

DG: ENTR
Enterprise and Industry

DG: EAC
Education and Culture

DG: EMPL
Employment, Social Affairs and Inclusion

DG: RTD
Research and Innovation

Máire Geoghegan-Quinn

DG: REGIO
Regional policy

Commission´s DGs cover similar policy areas to the ministries in national governments

DG: Directorates-Generals

The European Union's ten-year growth

Strategy	Lisbon Strategy (2000-2010)	Europe 2020 (2010-2020)
Financial instrument for Research and Innovation	6th-7th Framework	Horizon 2020

EUROPE 2020: Strategy

STRATEGY for the European Union's ten-year growth and jobs 2000-2010

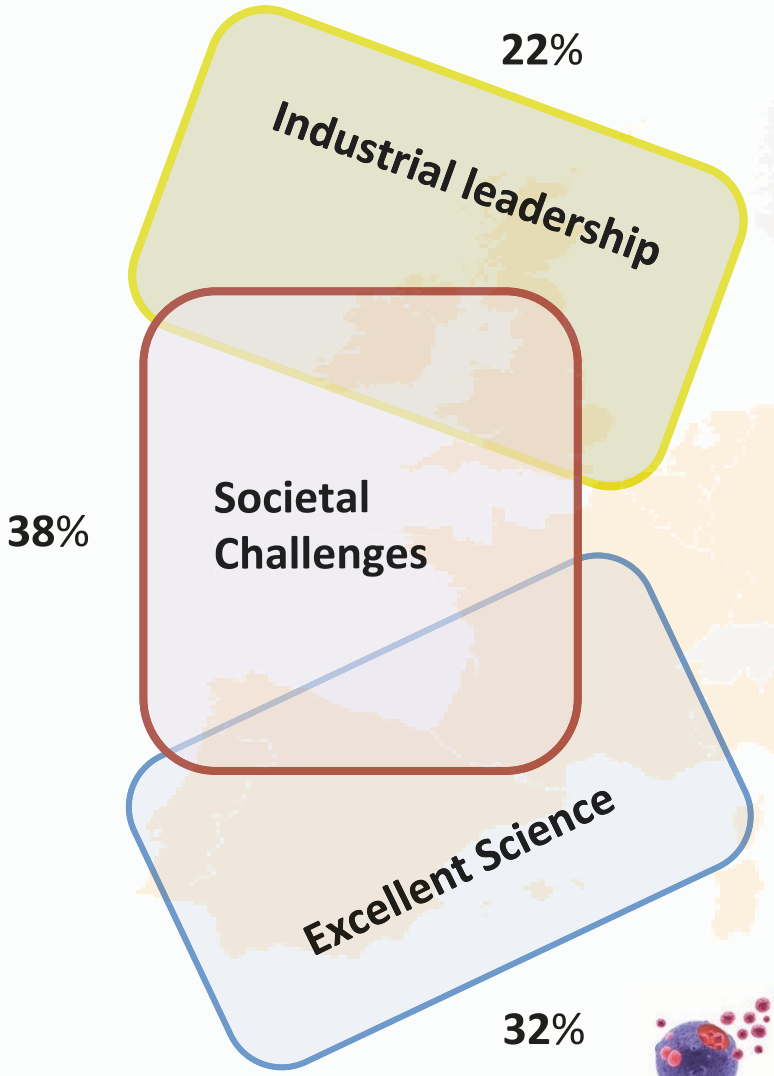
1. Overcoming the crisis from which our economies are now gradually recovering.

2. Addressing the shortcomings of our growth model and creating the conditions for a smart, sustainable and inclusive growth.

Objectives or Headline Targets (To be achieved by the end of 2020)

1. Employment (75% of the 20-64 year-olds to be employed)
2. Research and development (3% of the EU´s GDP to be invested in R&D)
3. Climate change and energy sustainability (20% of energy from renewable sources)
4. Education (reducing early school leaving below 10%)
5. Fighting poverty and social exclusion (at least 20 million fewer people in or at risk of poverty)

Three Priorities/Areas within Horizon 2020



Marketed Product

TRL 9 - Actual system proven in operational environment

TRL 8 - System complete and qualified

TRL 7 - System prototype demonstration in operational environment

TRL 6 - Technology demonstrated in relevant environment

TRL 5 - Technology validated in relevant environment

TRL 4 - Technology validated in lab

TRL 3 - Experimental proof of concept

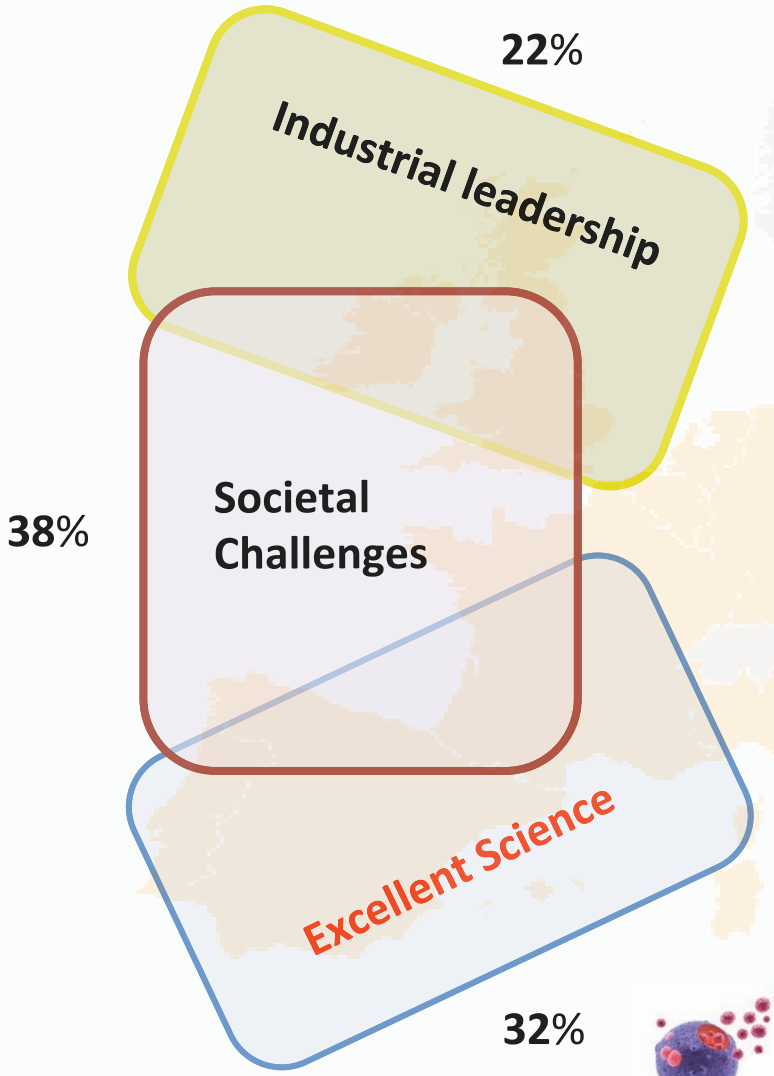
TRL 2 - Technology concept formulated

TRL 1 - Basic principles observed

Basic Research

Technology Readiness Levels

Three Priorities/Areas within Horizon 2020



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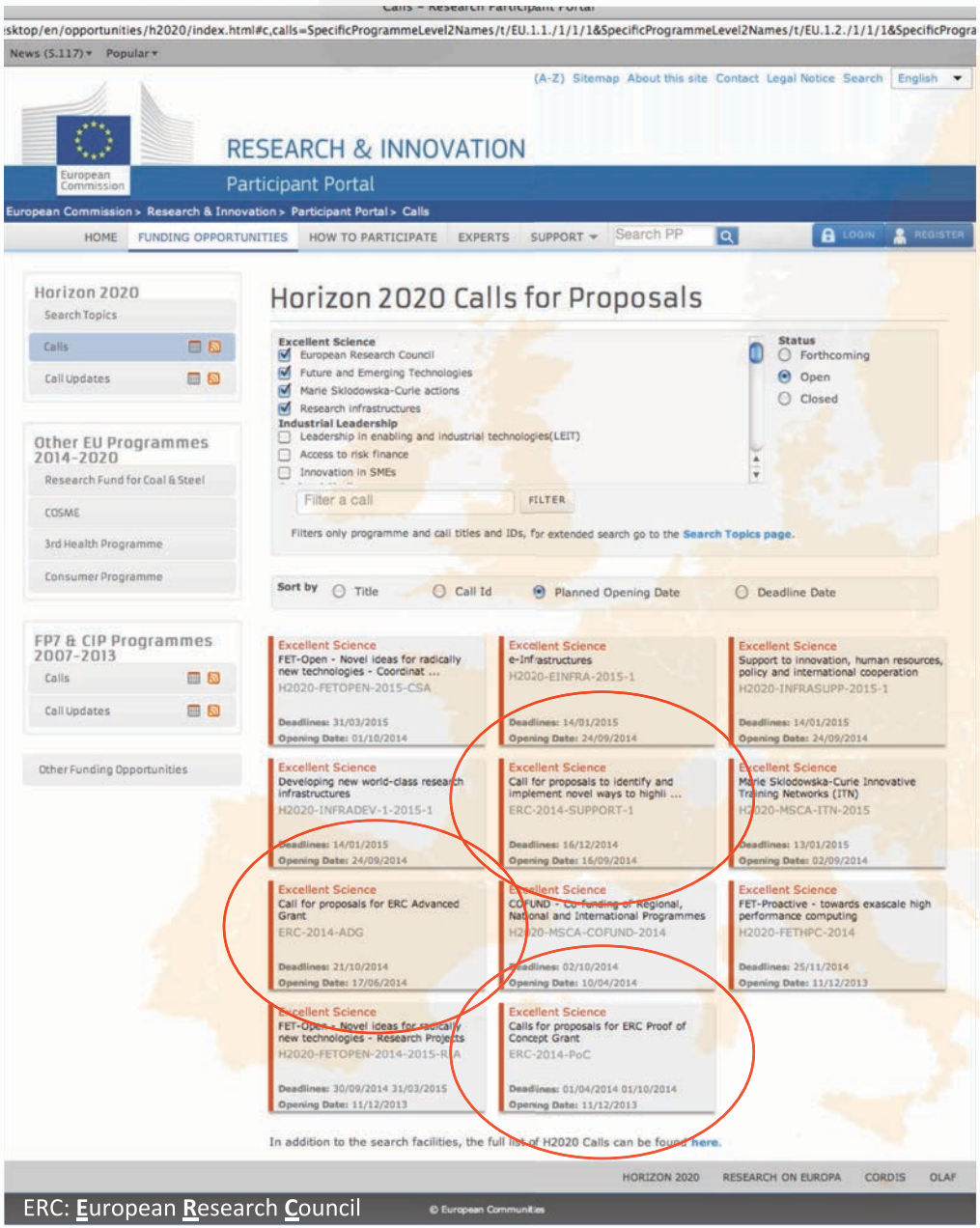
Basic Research

Technology Readiness Levels



ERC: European Research Council

*Free Topic
*Individual

•ERC-StG-2015:ERC Starting Grant (1'5 mill)

- 2-7 years after PhD
Call Opens: 1 Oct 2014
Deadline: 3 Feb 2015

•ERC-ADG-2014:ERC Consolidator Grant (2 mill)

- 7-12 years after PhD
Call Opens: 13 Nov 2014
Deadline: 12 Mar 2015

•ERC-ADG-2014:ERC Advanced Grant (2'5 mill)

-At the career stage at which they are already established research leaders with a recognised track record of research achievements.

-This action is open to researchers of any nationality who intend to conduct their research activity in any Member State or Associated Country.

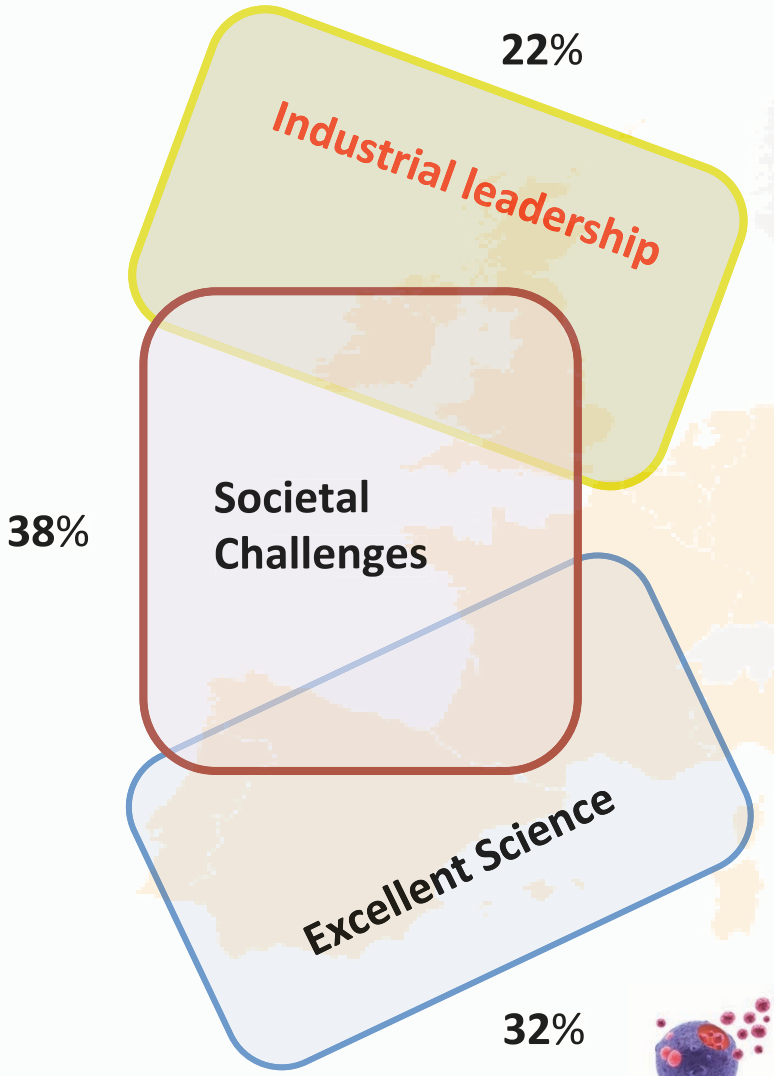
Call Opens: 10 Feb 2015
Deadline: 2 Jun 2015

•ERC-PoC-2014:ERC Proof of Concept Grant

Call Opens: 7 Nov 2014
Deadline: 5 Feb 2015
28 May 2015
1 Oct 2015
- 150.000 for 18 months

http://erc.europa.eu

Three Priorities/Areas within Horizon 2020



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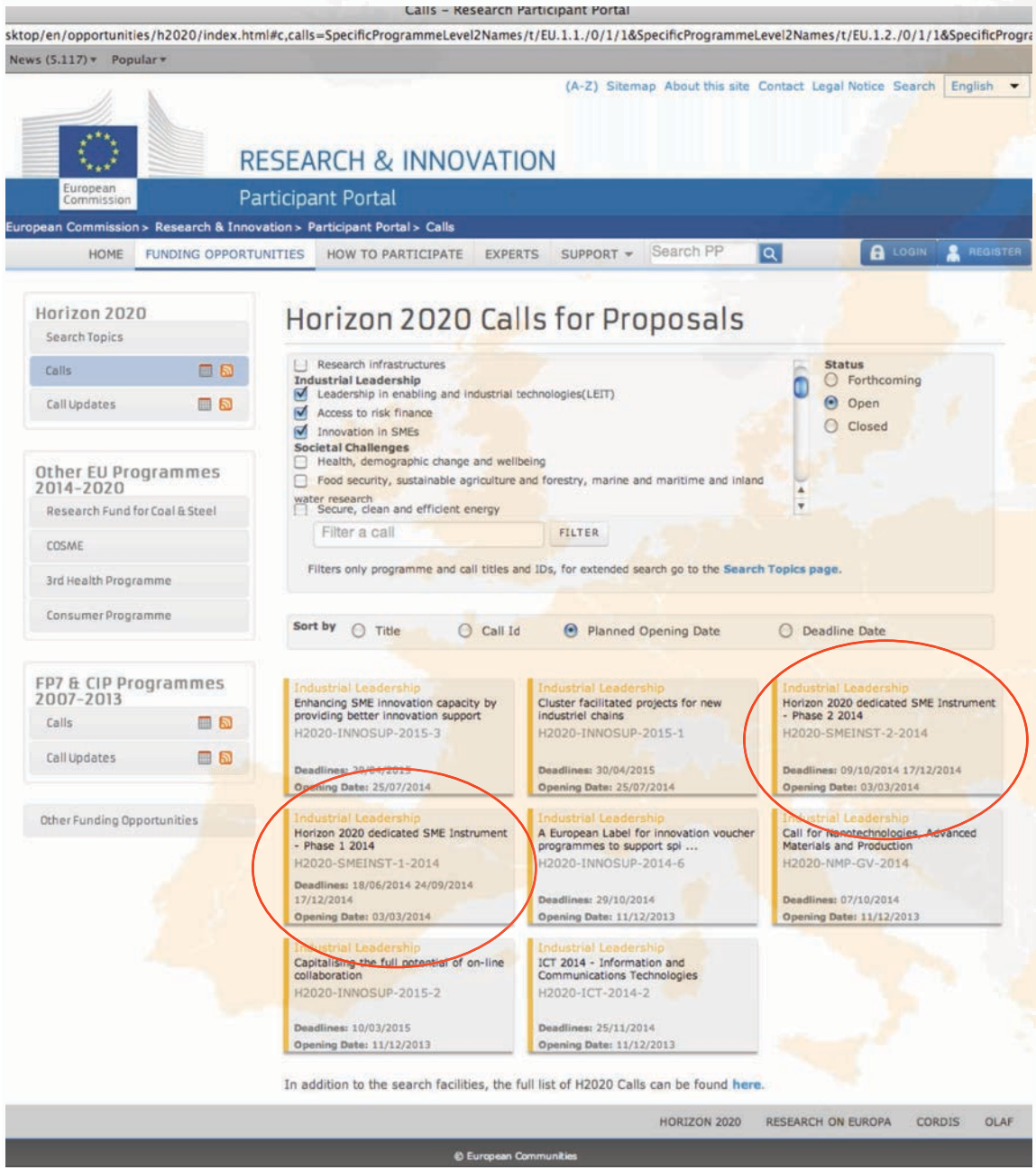
Basic Research

Technology Readiness Levels

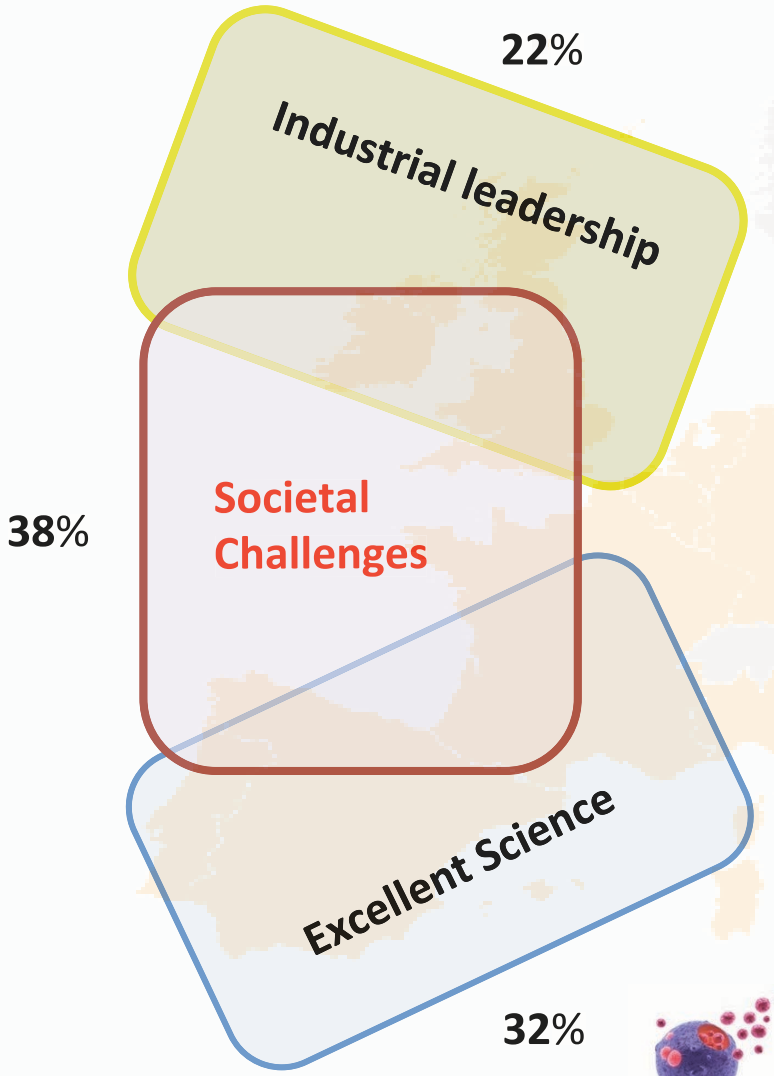


*Instruments for SME

Phase 1: Feasibility assessment (EUR 50,000)
Phase 2: Innovation development & demonstration purposes (in the range of EUR 500,000 and 2,5 million (70% of total cost of the project as a general rule))
Phase 3: Commercialisation

- **BG-12-2014:** Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth
- **BIOTEC-5a-2014:** SME boosting biotechnology-based industrial processes driving competitiveness and sustainability
- **DRS-17-2014:** Critical infrastructure protection topic 7: SME instrument topic: "Protection of Urban soft targets and urban critical infrastructures"
- **ICT-37-2014:** Open Disruptive Innovation Scheme (implemented through the SME instrument)
- **IT-1-2014:** Small business innovation research for Transport
- **NMP-25-2014:** Accelerating the uptake of nanotechnologies, advanced materials or advanced manufacturing and processing technologies by SMEs
- **PHC-12-2014**: Clinical research for the validation of biomarkers and/or diagnostic medical devices
- **SC5-20-2014:** Boosting the potential of small businesses for eco-innovation and a sustainable supply of raw materials
- **SFS-08-2014:** Resource-efficient eco-innovative food production and processing
- **SIE-01-2014:** Stimulating the innovation potential of SMEs for a low carbon energy system
- **Space-SME-2014-2:** SME Instrument

Three Priorities/Areas within Horizon 2020



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Basic Research

Technology Readiness Levels

esktop/en/opportunities/h2020/index.html#c,calls=SpecificProgrammeLevel2Names/t/EU.1.1./0/1/1&SpecificProgrammeLevel2Names/t/EU.1.2./0/1/1&SpecificProgra

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European Commission

RESEARCH & INNOVATION

Participant Portal

European Commission > Research & Innovation > Participant Portal > Calls

HOME | FUNDING OPPORTUNITIES | HOW TO PARTICIPATE | EXPERTS | SUPPORT | Search PP | LOGIN | REGISTER

Horizon 2020
- Search Topics
- Calls
- Call Updates

Other EU Programmes 2014-2020
- Research Fund for Coal & Steel
- COSME
- 3rd Health Programme
- Consumer Programme

FP7 & CIP Programmes 2007-2013
- Calls
- Call Updates

Other Funding Opportunities

Horizon 2020 Calls for Proposals

Societal Challenges
- [x] Health, demographic change and wellbeing
- [ ] Food security, sustainable agriculture and forestry, marine and maritime and inland water research
- [ ] Secure, clean and efficient energy
- [ ] Smart, green and integrated transport
- [ ] Climate action, environment, resource efficiency and raw materials
- [ ] Europe in a changing world - inclusive, innovative and reflective Societies
- [ ] Secure societies - Protecting freedom and security of Europe and its citizens

Filter a call | FILTER

Status
- Forthcoming
- Open
- Closed

Filters only programme and call titles and IDs, for extended search go to the Search Topics page.

Sort by: Title | Call Id | Planned Opening Date | Deadline Date

Societal Challenges
Personalising health and care
H2020-PHC-2015-single-stage_RTD
Deadlines: 24/02/2015
Opening Date: 30/07/2014

Societal Challenges
Personalising health and care
H2020-PHC-2015-two-stage
Deadlines: 14/10/2014
Opening Date: 30/07/2014

Societal Challenges
Personalising health and care
H2020-PHC-2015-single-stage
Deadlines: 21/04/2015
Opening Date: 30/07/2014

Societal Challenges
Health Co-ordination Activities
H2020-HCO-2015
Deadlines: 24/02/2015
Opening Date: 30/07/2014

Societal Challenges
IMI2 1st Call for Proposals 2014
H2020-JTI-IMI2-2014-01
Deadlines: 12/11/2014
Opening Date: 09/07/2014

Industrial Leadership
Horizon 2020 dedicated SME Instrument - Phase 2 2014
H2020-SMEINST-2-2014
Deadlines: 09/10/2014 17/12/2014
Opening Date: 03/03/2014

Industrial Leadership
Horizon 2020 dedicated SME Instrument - Phase 1 2014
H2020-SMEINST-1-2014
Deadlines: 18/06/2014 24/09/2014 17/12/2014
Opening Date: 03/03/2014

In addition to the search facilities, the full list of H2020 Calls can be found here.

HORIZON 2020 | RESEARCH ON EUROPA | CORDIS | OLAF

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* ≥3 Partners applications (4-6 mill)

One Step

PHC-09-2015: PHC 9 – 2015: Vaccine development for poverty-related and neglected infectious diseases: HIV/AIDS

PHC-15-2015: Clinical research on regenerative medicine

PHC-33-2015: New approaches to improve predictive human safety testing

PHC-21-2015: Advancing active and healthy ageing with ICT: Early risk detection and intervention

PHC-25-2015: Advanced ICT systems and services for integrated care

PHC-27-2015: Self-management of health and disease and patient empowerment supported by ICT

PHC-28-2015: Self management of health and disease and decision support systems based on predictive computer modelling used by the patient him or herself

PHC-29-2015: Public procurement of innovative eHealth services

PHC-30-2015: Digital representation of health data to improve disease diagnosis and treatment

Two Steps

PHC-02-2015: Understanding disease: systems medicine

PHC-03-2015: Understanding common mechanisms of diseases and their relevance in co-morbidities

PHC-04-2015: Health promotion and disease prevention: improved inter-sector co-operation for environment and health based interventions

PHC-11-2015: Development of new diagnostic tools and technologies: in vivo medical imaging technologies

PHC-14-2015: New therapies for rare diseases

PHC-16-2015: Tools and technologies for advanced therapies

PHC-18-2015: Establishing effectiveness of health care interventions in the paediatric population

PHC-22-2015: Promoting mental wellbeing in the ageing population

PHC-24-2015: Piloting personalised medicine in health and care systems

Partnership Opportunities

"looking for partners"

Fit for Health

Funding for Networks

EraNets

COST

…and what actually works better

Direct contact!
- Send an email
- Make a call

Partnership Opportunities

Fit for Health

Partnership Opportunities

EraNets: Networking of national or regional programmes

EUROPEAN RESEARCH AREA

European Commission

European Commission > Research & Innovation > ERA > ERA-NET Horizon 2020

Home | ERA Partnership | Maximising results | Strengthening cross-border links | Open market for researchers | Gender equality | Accessing knowledge | Joint Programming | ERA Progress

NAVIGATION

- About coordination
- Joint Programming
- Art. 185
- ERA-NET scheme
- ERA-NET under FP7
- ERA-NET Success Stories
- NETWATCH and ERA-LEARN
- ERA-NET in Horizon 2020
- ERA-NET in FP6

ERA-NET in Horizon 2020

The ERA-NET instrument under Horizon 2020 is designed to support public-public partnerships in their preparation, establishment of networking structures, design, implementation and coordination of joint activities as well as topping up of single joint calls and of actions of a transnational nature.

The ERA-NET under Horizon 2020 merges the former ERA-NET and ERA-NET Plus into a single instrument with the central and compulsory element of implementing one substantial call with top-up funding from the Commission. The focus of ERA-NETs is therefore shifting from the funding of networks to the top-up funding of single joint calls for transnational research and innovation in selected areas with high European added value and relevance for Horizon 2020. This aims at increasing substantially the share of funding that Member States dedicate jointly to challenge driven research and innovation agendas. Financial contributions of Member States can be in cash or in kind in order to broaden the scope of ERA-NETs towards the coordination institutional funding of governmental research organisations.

In addition to the joint calls they implement, ERA-NETs have developed over the past years a vast range of networking and other joint activities that contribute significantly to the impact of the ERA-NET scheme and that should be sustained.

Search | Share

ERA NEWSLETTER

KEY DOCUMENTS

- ERA Communication
- ERA Progress
- ERA Documents

Partnership Opportunities

COST: European **Co**operation in **S**cience and **T**echnology

Summary

Horizon 2020

Actions with Potential for MVs Research Funding

Excellent Science

Individual application

ERC-StG-2015:ERC Starting Grant (1'5 mill)

ERC-ADG-2014:ERC Consolidator Grant (2 mill)

ERC-ADG-2014:ERC Advanced Grant (2'5 mill)

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≥3 Partners applications (4-6 mill)

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More Information…

National Delegate

National **C**ontact **P**oints

Partnership Opportunities

EraNets

COST

Fit for Health