



# International programs in Science

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Republic of Serbia



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# Legal and Institutional framework

Law on Science and Research, July 2019

Law on Innovation Activity

Law on the Science Fund of the Republic of Serbia, December 2018

Strategy of Scientific and Technological Development of the Republic of Serbia 2016-2020 – Research for Innovation

Action Plan for Strategy Implementation

Government of the RS:

Ministry of Education, Science and Technological Development (MESTD) - responsible for policy design and allocation of funding to scientific research and innovation activities

Science Fund of the RS

Innovation Fund of the RS

# II International programs in Science

## Multilateral cooperation/1

### Framework programs (FP)

Horizon2020 – Associated country

Agreement signed on July 1st ,2014

- ratified on September 8th ,2014
- retroactive valid from January 1st,2014
- Financial contribution to H2020 budget paid annually

FP7 - Associated country (326 participants, 64.9 M eur)

FP6 - Third country (135 participants, 14.9 M eur)

# Multilateral cooperation/2

- European Cooperation in Science and Technology (COST)
- EUREKA
  
- NATO „Science for Peace and Security” Programme
- Joint Research Centre (JRC)
- The European Organization for Nuclear Research (CERN)
- Joint Institute for Nuclear Research (JINR) in Dubna
- ICGEB (International Centre for Genetic Engineering and Biotechnology)

## European cooperation in the field of scientific and technical research

Serbia - among the founders (as Yugoslavia) in 1971, full member as Serbia from 2001

- Membership in all Committees and related bodies
- National COST Coordinator, Prof. Dr. Bratislav Marinkovic
- Total COST participation: 291 actions in total (most of them in Food and Agriculture, ICT, and Biomedicine and Molecular Biosciences)
- Funding for: mobility of researchers, trainings/workshop/summer schools...
- National website: <http://mail.ipb.ac.rs/~ncc-serbia/>
- The next collection date is planned for 29 April 2020

## Serbia - membership from 2002

- Total No. of projects: 85
- Total investment: 219,89 ME
- Ongoing projects: 22 with participation of 36 organizations
  - 15 SME's, 10 Universities, 6 institutes, 3 large companies, 2 others
  - in 2019 MESTD funds 8 projects
- High Level Representative (HLR) - Prof. Dr Vladimir Popovic
- National Programme Coordinator (NPC) - Mrs. Snezana Omic

<http://www.mpn.gov.rs/eureka/>

# Multilateral cooperation/3

Joint Research Centre (JRC)

JRC MoU 31620-2010 signed on February 11th, 2010

The European Organization for Nuclear Research – CERN

Republic of Serbia full member to CERN as of 24th March 2019

Joint Institute for Nuclear Research (JINR) in Dubna

MoU between Ministry and JINR signed on April, 20th 2007

NATO – Science for Peace and Security

Government of the Republic of Serbia adopted the Presentation Document 14<sup>th</sup> July 2011

ICGEB (International Centre for Genetic Engineering and Biotechnology)

On February, 26th 1986 the Institute of Molecular Genetics and Genetic Engineering (IMGGE) was established as Affiliated Centre of International Centre for Genetic Engineering and Biotechnology (ICGEB)



# Bilateral cooperation

## Aim:

To strengthen and develop scientific and technological (S&T) cooperation

Ministry initiates signing of the agreement with the country of interest for scientific and technological cooperation

## Instruments provided under agreements:

- Co-financing programmes and projects, in mutually agreed fields

- Support exchange of scientists, researchers and experts

- Exchange of scientific and technological information and documentation

- Facilitate mutual use of facilities, scientific equipment and materials

- Organization of joint scientific conferences, symposia, seminars, workshops, exhibitions

# Bilateral cooperation

Agreements on scientific and technological cooperation concluded on the governmental level with more than 70 countries, and among them active cooperation are with:

Slovenia (2002)

France (2003)

Hungary (2005)\*

Croatia (2005)

Italy (2013)

Austria (2015)\*

Portugal (2009)

Germany (2008)\*

Slovak Republic (2001)

China (2009)

Belarus (1996)

*Danube region-multilateral cooperation*

<http://www.mpn.gov.rs/medjunarodna-naucna-saradnja/>

## III Horizon2020

Associated Country to H2020 since January 1st 2014

AGREEMENT between the Republic of Serbia and the European Union on the participation of Republic of Serbia in the Union programme Horizon 2020 - the Framework Programme for Research and Innovation (2014-2020)

signed on July 1st, 2014

ratified September 8th, 2014

H2020 estimated budget is 80 billion EUR

17.07.2019 - 393 participants in 274 projects, 91.4 million EUR (project ANTARES)

# Horizon2020 structure

## Excellent Science Izvrsnost u nauci

European Research Council  
(ERC)

Future and Emerging  
Technologies (FET)

Marie Skłodowska-Curie  
Actions (MSCA)

Research Infrastructures  
Istraživačke infrastrukture

## Industrial Leadership Liderstvo u industriji

Leadership in Enabling and  
Industrial Technologies (LEIT)  
- ICT, KETs, Space

Access to Risk Finance

Innovation in SMEs

## Societal Challenges Društveni izazovi

Health and Wellbeing

Food security

Transport

Energy

Climate action

Societies

Security

Širenje izvrsnosti i učešća – **Spreading excellence and Widening Participation;**

Nauka u i za društvo - **Science with and for Society**

European Institute of  
Innovation and Technology  
(EIT)

EURATOM

Joint Research  
Centre (JRC)

# Rules for participation

## Who can participate?

Basically everybody (always check Work Programme)

In Europe and the rest of the world, legal entities and natural persons

Needs registration on the participant portal - PIC Participant Identification Code (existing PICs remain)

## Who can participate in cooperative project, minimum condition?

At least three independent participants from three different countries  
Member States (MS) or Associated countries (AC)

SME is evaluation criteria

Specific condition, see Work Programme

# Types of actions

New financial rule, one project one rate

Same reimbursement rate for all beneficiaries and all activities in one grant

Research and Innovation action (RIA)

Up to 100% reimbursement of eligible costs

Innovation action (IA)

Up to 70% reimbursement of eligible costs

Except for non-profit entities which will receive up to 100%

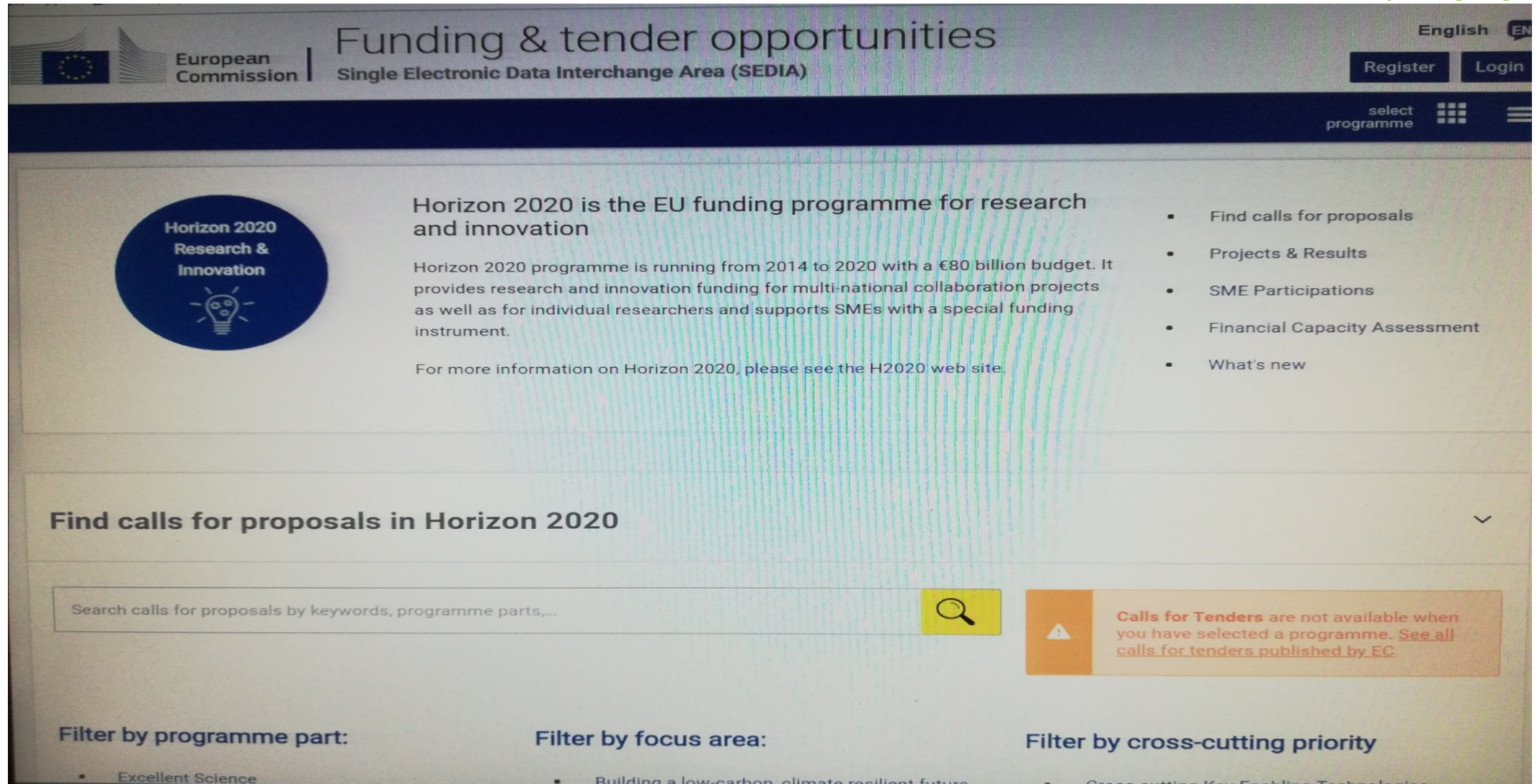
One single flat rate for Indirect cost – 25%

Specific rules for SME, ERC, MSCA



# Participant portal

<https://ec.europa.eu/info/fundingtenders/opportunities/portal/screen/programmes/h2020>



The screenshot shows the 'Funding & tender opportunities' section of the Horizon 2020 Participant Portal. The header includes the European Commission logo and the text 'Single Electronic Data Interchange Area (SEDIA)'. There are 'Register' and 'Login' buttons in the top right corner. Below the header, there is a 'select programme' dropdown menu. The main content area features a blue circular icon with a lightbulb and the text 'Horizon 2020 Research & Innovation'. To the right of the icon, there is a heading 'Horizon 2020 is the EU funding programme for research and innovation' followed by a paragraph describing the programme's budget and focus. Below this, there is a link to the H2020 web site. To the right of the text, there is a list of navigation links: 'Find calls for proposals', 'Projects & Results', 'SME Participations', 'Financial Capacity Assessment', and 'What's new'. Below the main content, there is a section titled 'Find calls for proposals in Horizon 2020' with a search bar and a magnifying glass icon. To the right of the search bar, there is an orange warning box with a triangle icon and the text: 'Calls for Tenders are not available when you have selected a programme. See all calls for tenders published by EC.' At the bottom, there are three filter sections: 'Filter by programme part:' with 'Excellent Science', 'Filter by focus area:' with 'Building a low-carbon, climate resilient future', and 'Filter by cross-cutting priority:' with 'Cross-cutting Key-Enabling Technologies'.

European Commission | Funding & tender opportunities  
Single Electronic Data Interchange Area (SEDIA)

English EN

Register Login

select programme

**Horizon 2020 Research & Innovation**

### Horizon 2020 is the EU funding programme for research and innovation

Horizon 2020 programme is running from 2014 to 2020 with a €80 billion budget. It provides research and innovation funding for multi-national collaboration projects as well as for individual researchers and supports SMEs with a special funding instrument.

For more information on Horizon 2020, please see the H2020 web site.

- Find calls for proposals
- Projects & Results
- SME Participations
- Financial Capacity Assessment
- What's new

### Find calls for proposals in Horizon 2020

Search calls for proposals by keywords, programme parts,...

**Calls for Tenders are not available when you have selected a programme. See all calls for tenders published by EC.**

**Filter by programme part:**

- Excellent Science

**Filter by focus area:**

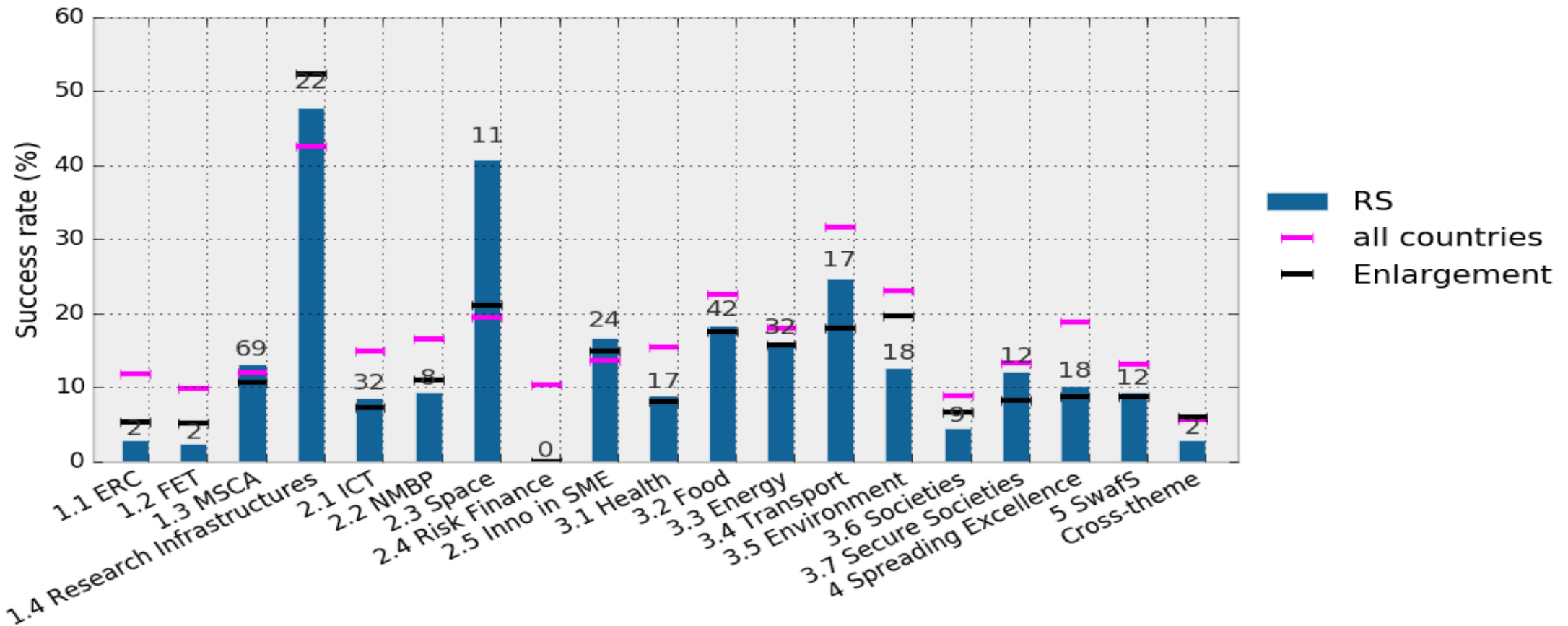
- Building a low-carbon, climate resilient future

**Filter by cross-cutting priority**

- Cross-cutting Key-Enabling Technologies

# IV Republic of Serbia in H2020

RS applicants' success rates and numbers of successful applications

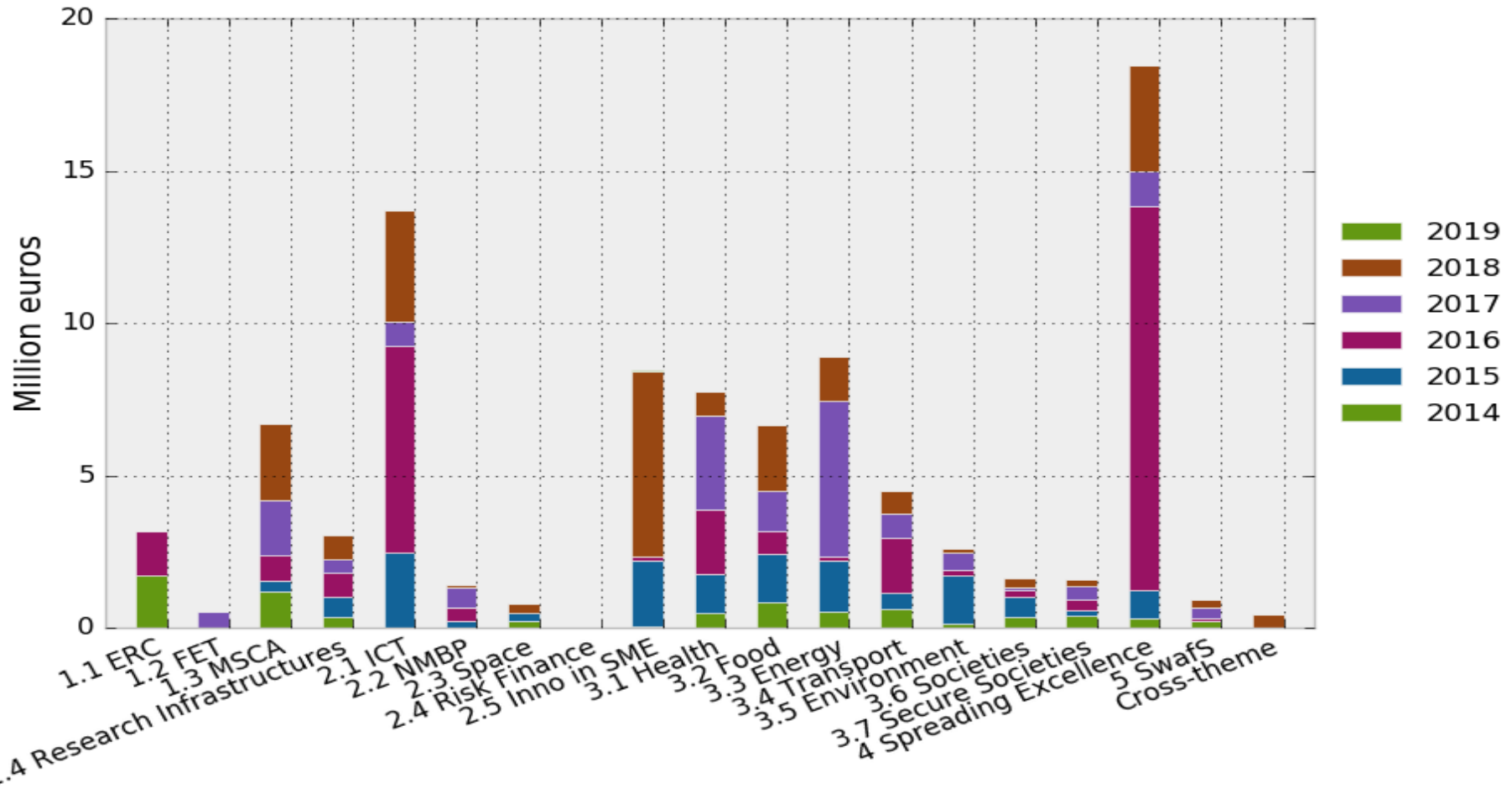


Note: Data for evaluated eligible proposals. Total RS success rate is 12.2%, compared to 15.4% overall H2020.  
 Source: DG RTD - International Cooperation  
 Data:CORDA (JRC, EIT and art.185 not included); extraction date: 17/7/2019



# Republic of Serbia in H2020

RS: EU contribution to participants of Horizon 2020



Note: Data for signed projects.

Source: DG Research and Innovation - International Cooperation

Data: CORDA (JRC, EIT & art.185 not included.), extraction date: 17/7/2019

# Help and support

## List of NCPs for H2020

<http://horizon2020.mpn.gov.rs/pocetna/nacionalne-kontakt-osobe>

## Horizon 2020

<https://ec.europa.eu/programmes/horizon2020/>

## Reference documents

<https://ec.europa.eu/programmes/horizon2020/en/h2020-sections>

## IT Helpdesk for questions about the Participant Portal tools and processes

[https://ec.europa.eu/info/research-and-innovation/contact/research-enquiry-service-and-participant-validation\\_en](https://ec.europa.eu/info/research-and-innovation/contact/research-enquiry-service-and-participant-validation_en)

## Be expert

<https://ec.europa.eu/programmes/horizon2020/en/experts>



Looking forward to your questions

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