



HORIZON 2020

**The European Union's
programme for Research
and Innovation**

Open to the world!







European
Commission

The European Union

500 million people - 28 countries - a single market*



- 7% of the World's population
- 24% of world expenditure on research
- 32% of high-impact publications
- 32% of patent applications

 Member states of the European Union
 Candidate and potential candidate countries

*Free movement of people, goods, services and capital

WHAT IS HORIZON 2020?

- A €80 billion research and innovation funding program (2014 -2020)
- A response to economic crisis by investing in future jobs and growth
- It addresses people's concerns about their livelihoods, safety and environment



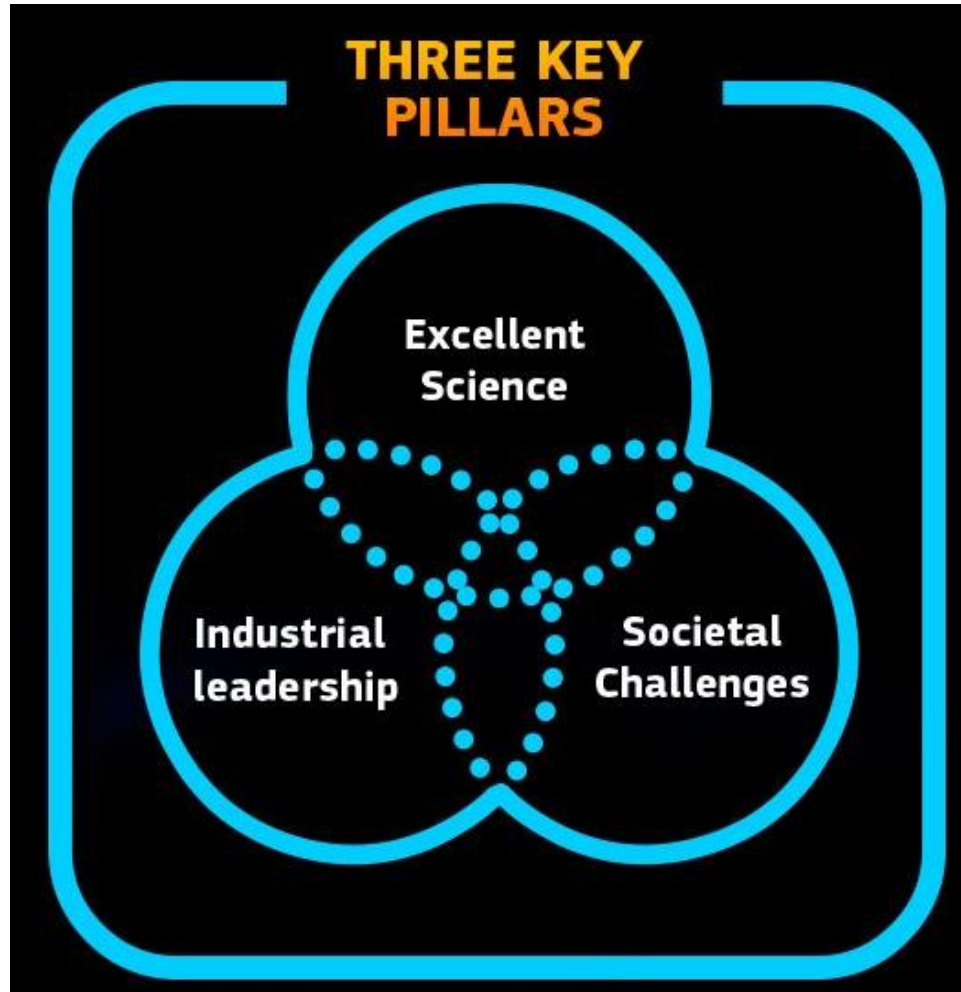
Horizon 2020

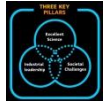
A single programme

- **Coupling research with innovation:** 'from lab to market'
- **Focus on societal challenges:** health, clean energy, transport, etc.
- **Open to participation:** companies, universities, institutes in EU and beyond



European
Commission





Excellent science

- ***European Research Council***

Supporting top researchers from anywhere in the world to work in Europe

- ***Future and Emerging Technologies***

Supporting visionary thinking through collaborations between science and engineering

- ***Marie Skłodowska-Curie actions***

Providing opportunities for training and career development of individual researchers

- ***Research infrastructures- including e-infrastructure***

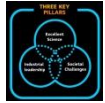
Ensuring access to world-class facilities



Industrial leadership

- ***Leadership in enabling and industrial technologies***
Emphasising key technologies in areas such as advanced manufacturing, microelectronics, nanotechnology, biotechnology, ICT and space





Societal challenges

- **Health, demographic change and wellbeing**
- **Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy**
- **Secure, clean and efficient energy**
- **Smart, green and integrated transport**
- **Climate action, environment, resource efficiency and raw materials**
- **Inclusive, innovative and reflective societies**
- **Secure societies**

HORIZON 2020: Open to the world

GENERAL OPENNESS



Horizon 2020 is open to participation of researchers from anywhere in the **world**, to:

- ✓ Extend the frontiers of scientific knowledge
- ✓ Tackle challenges that affect us all
- ✓ Make industries more competitive



HORIZON 2020: Open to the world

1. Projects can include international partners

2. Targeted opening

- In certain topics in calls for proposals, inclusion of international partners may be:

- a) encouraged
or
- b) required

3. Coordinated calls

- Used for specific actions (e.g. identified through joint steering committees). Paired calls, linked evaluations, two contracts, e.g.:

- a) EU-Japan R&D Cooperation in Net Futures
- b) Partnering with Brazil on advanced biofuels



Rules of participation



- Applicants from non-EU countries are **eligible to take part** in Horizon 2020 programmes, even as coordinator
- All proposals must meet certain **minimum conditions** (in Rules for Participation)

Rules of participation



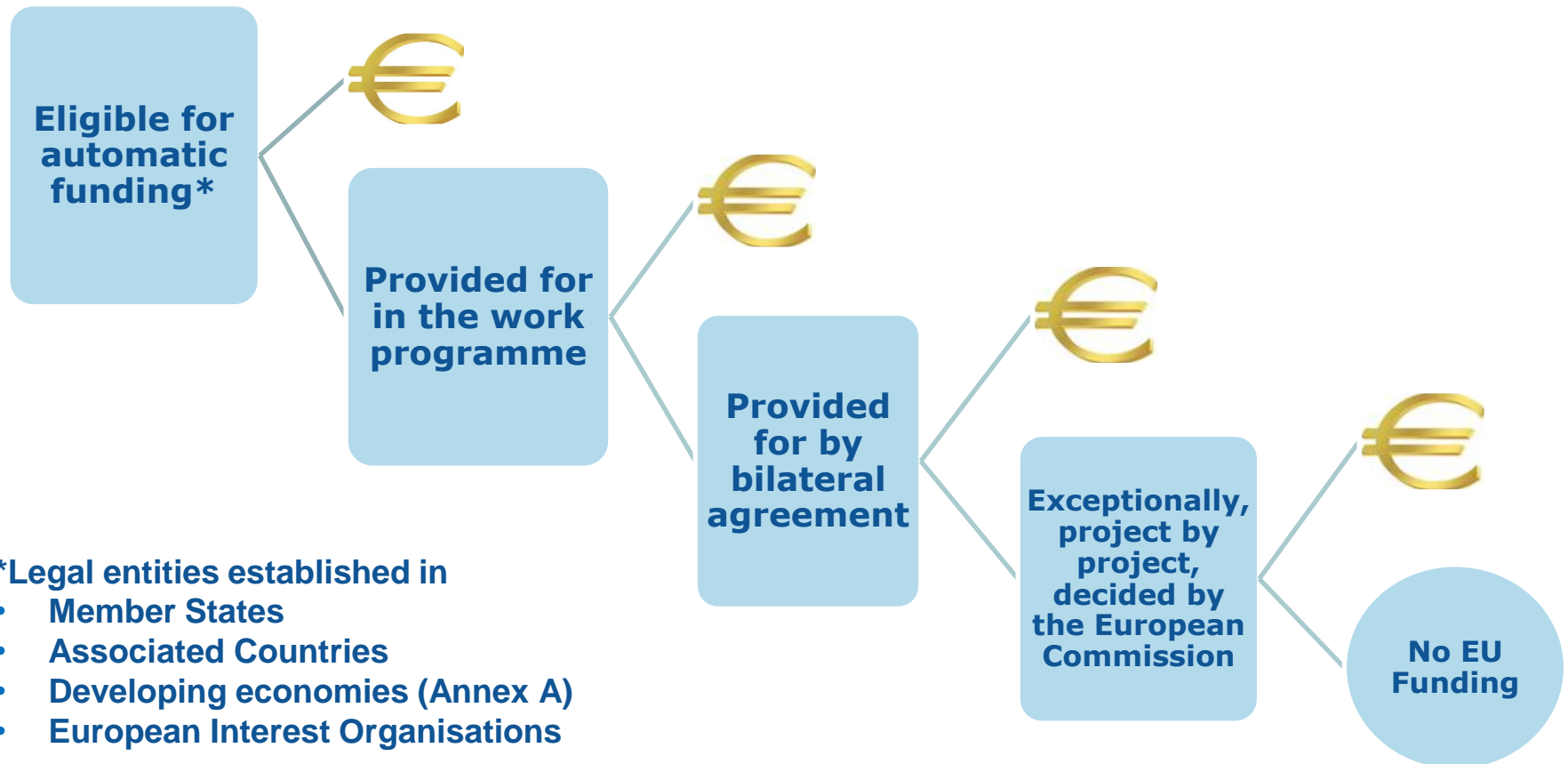
Minimum Conditions:

- For standard (cooperative) research projects:
 - 3 participants from different Member States or associated countries

In addition, participants from any other country in the world can also be included

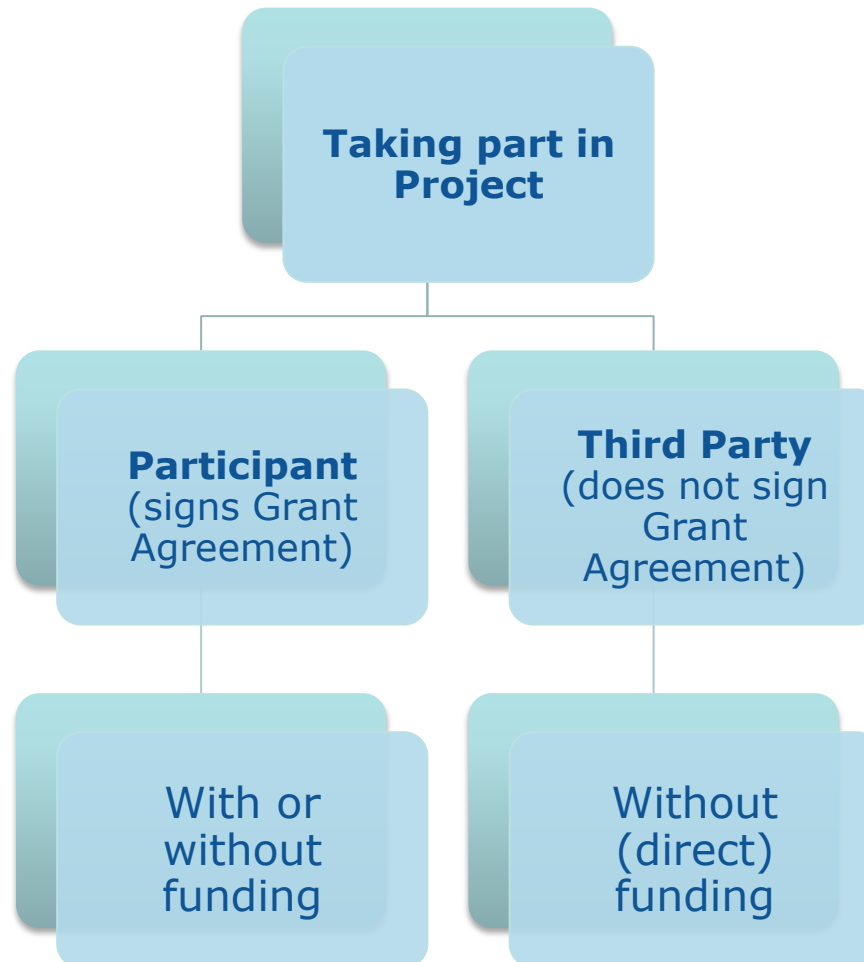
- For actions aimed at individuals, like European Research Council or Marie Skłodowska-Curie:
 - 1 researcher
 - 1 host institution
 - 1 project

Eligibility for funding



- *Legal entities established in
- Member States
 - Associated Countries
 - Developing economies (Annex A)
 - European Interest Organisations

Options for taking part



"Third Party" Option



Does not sign Grant Agreement but a private Agreement with one or more of the full participants (pre-existing relation)

The participant for which the third party carries out work must ensure that it is possible to exercise its IPR rights (e.g. Access)



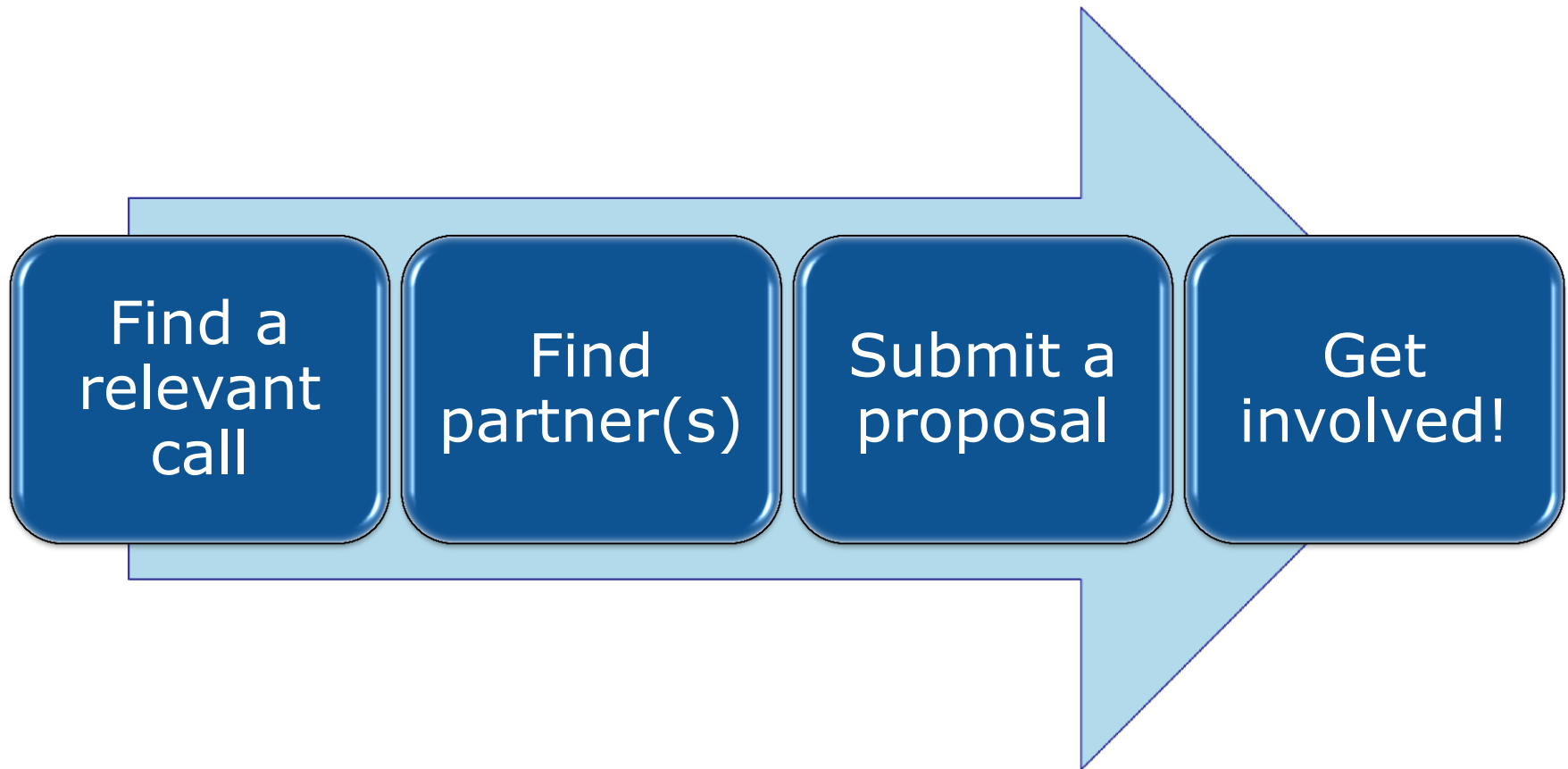
The work to be carried out by the third party shall be identified in the grant agreement

Eligibility for funding? Similar conditions as if signing the Grant Agreement*

* See Slide 14

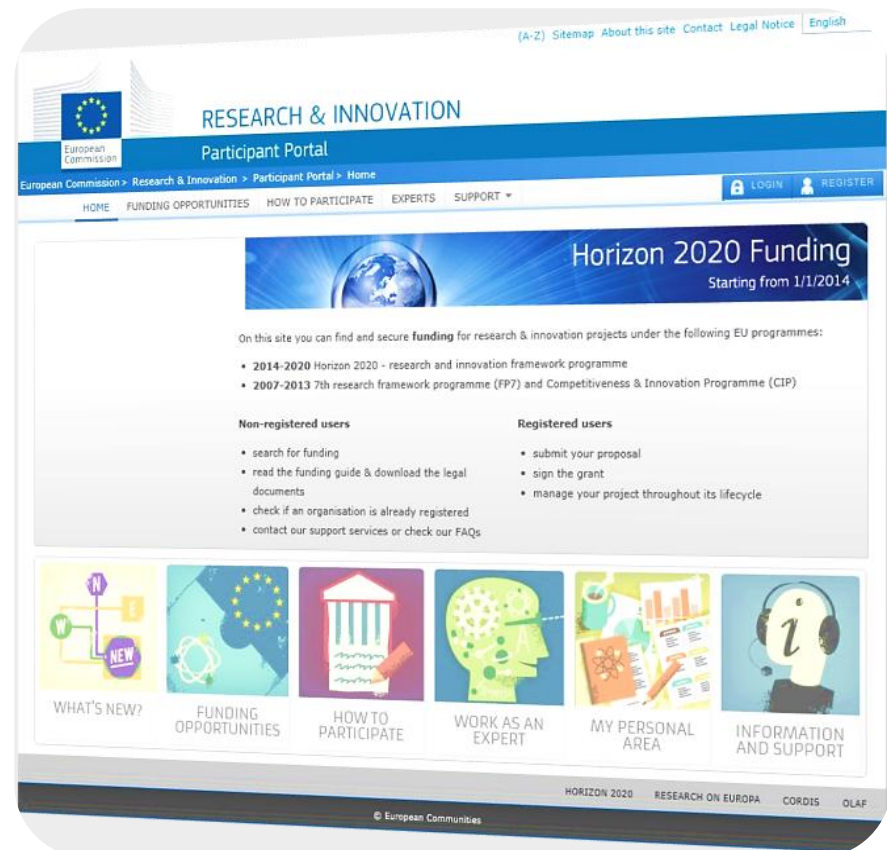


How does it work?



Where to find more information and where to apply?

- **Horizon 2020 Participant Portal**
Research and Innovation
European Commission
<http://ec.europa.eu/research/participants/portal/desktop/en/home.html>
- **Horizon 2020**
European Commission
<http://ec.europa.eu/programmes/horizon2020/>
- **Incontact** (NCP's network)
http://www.ncp-incontact.eu/nkswiki/index.php?title=Main_Page





HORIZON 2020

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Thank You!

Find out more:
www.ec.europa.eu/horizon2020

HORIZON 2020

Automatically eligible non-EU applicants (ANNEX A):

Applicants based in any of the countries listed here are automatically eligible for funding under the Horizon 2020 budget:

Afghanistan, Albania, Algeria, American Samoa, Angola, Argentina, Armenia, Azerbaijan

Bangladesh, Belarus, Belize, Benin, Bhutan, Bolivia, Bosnia and Herzegovina, Botswana, Burkina Faso, Burundi

Cambodia, Cameroon, Cape Verde, Central African Republic, Chad, Chile, Colombia, Comoros, Congo (Democratic Republic), Congo (Republic), Costa Rica, Côte d'Ivoire, Cuba

Djibouti, Dominica, Dominican Republic

Ecuador, Egypt, El Salvador, Eritrea, Ethiopia

Fiji

Gabon, Gambia, Georgia, Ghana, Grenada, Guatemala, Guinea, Guinea-Bissau, Guyana

Haiti, Honduras

Indonesia, Iran, Iraq

Jamaica, Jordan

Kazakhstan, Kenya, Kiribati, Korea (Democratic Republic), Kosovo, Kyrgyz Republic

Lao, Lebanon, Lesotho, Liberia, Libya

Macedonia FYR, Madagascar, Malawi, Malaysia, Maldives, Mali, Marshall Islands, Mauritania, Mauritius, Micronesia, Moldova, Mongolia, Montenegro, Morocco, Mozambique, Myanmar/Burma

Namibia, Nepal, Nicaragua, Niger, Nigeria

Pakistan, Palau, Palestine, Panama, Papua New Guinea, Paraguay, Peru, Philippines

Rwanda

Samoa, Sao Tome and Principe, Senegal, Serbia, Seychelles, Sierra Leone, Solomon Islands, Somalia, South Africa, South Sudan, Sri Lanka, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Sudan, Suriname, Swaziland, Syrian Arab Republic

Tajikistan, Tanzania, Thailand, Timor-Leste, Togo, Tonga, Tunisia, Turkey, Turkmenistan, Tuvalu

Uganda, Ukraine, Uruguay, Uzbekistan

Vanuatu, Venezuela, Vietnam

Yemen

Zambia, Zimbabwe

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