



# HORIZON 2020

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

*Open to the world!*


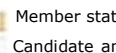


# The European Union

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?

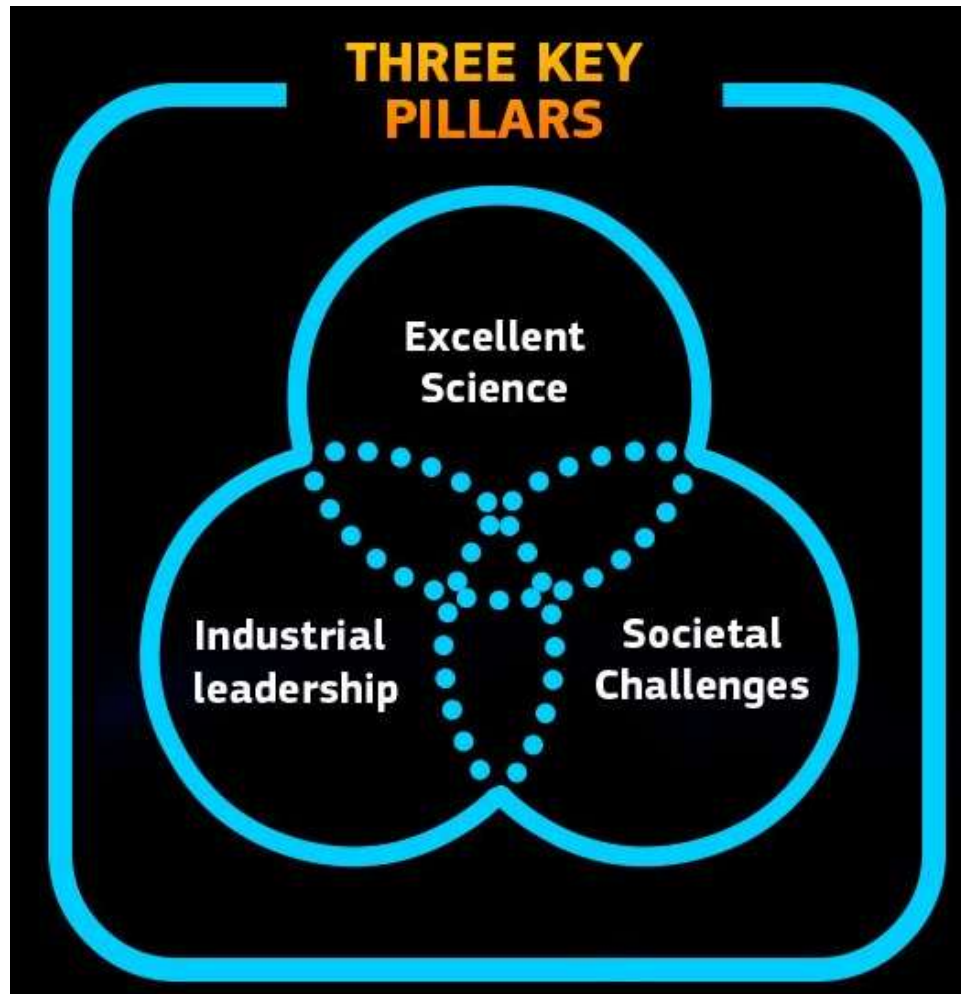
- A €80 billion research and innovation funding program (2014 -2020)
- A response to economic crisis by investing in future jobs and growth
- It addresses people's concerns about their livelihoods, safety and environment



# 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







# 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



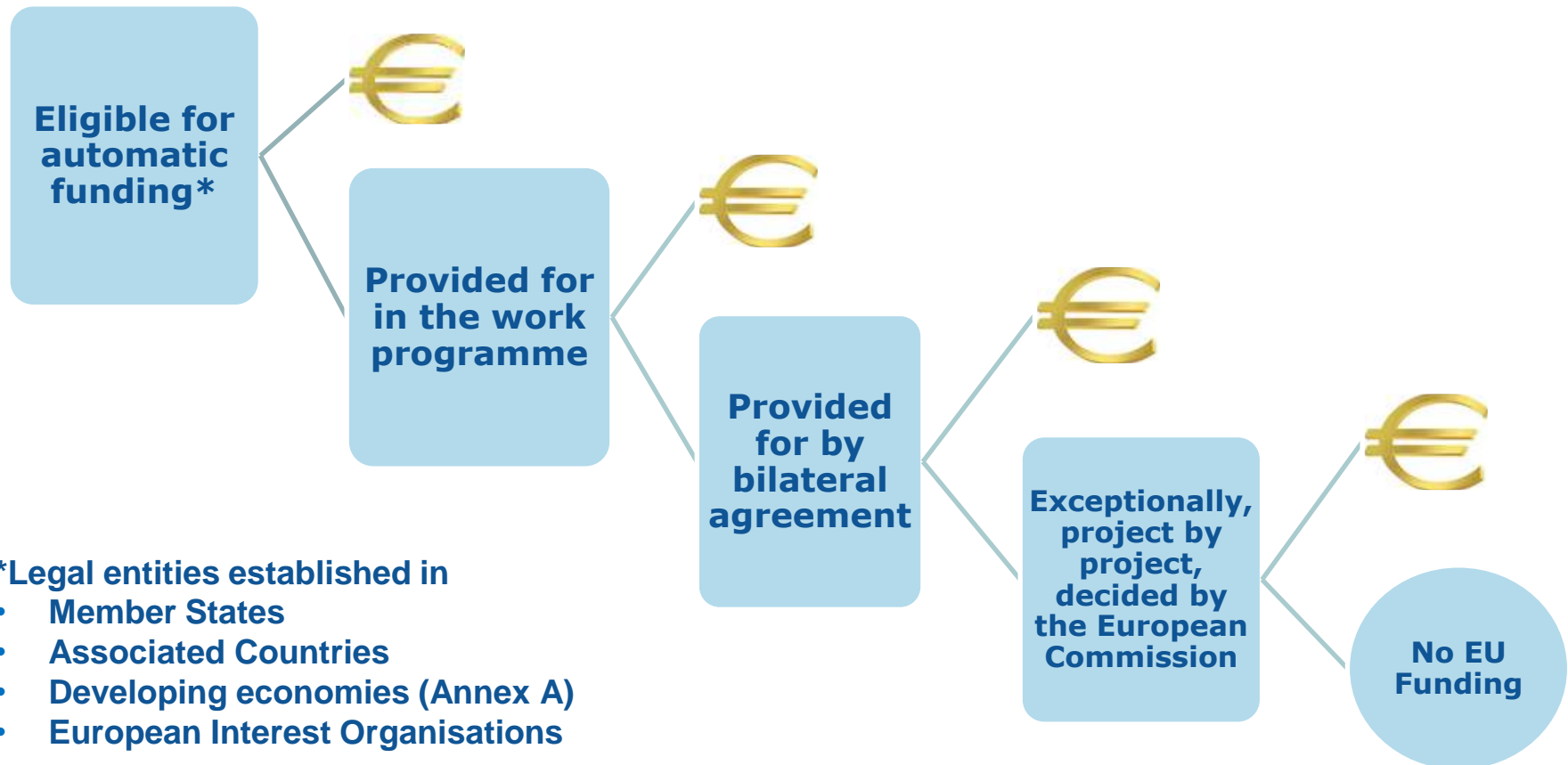
## Minimum Conditions:

- 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**

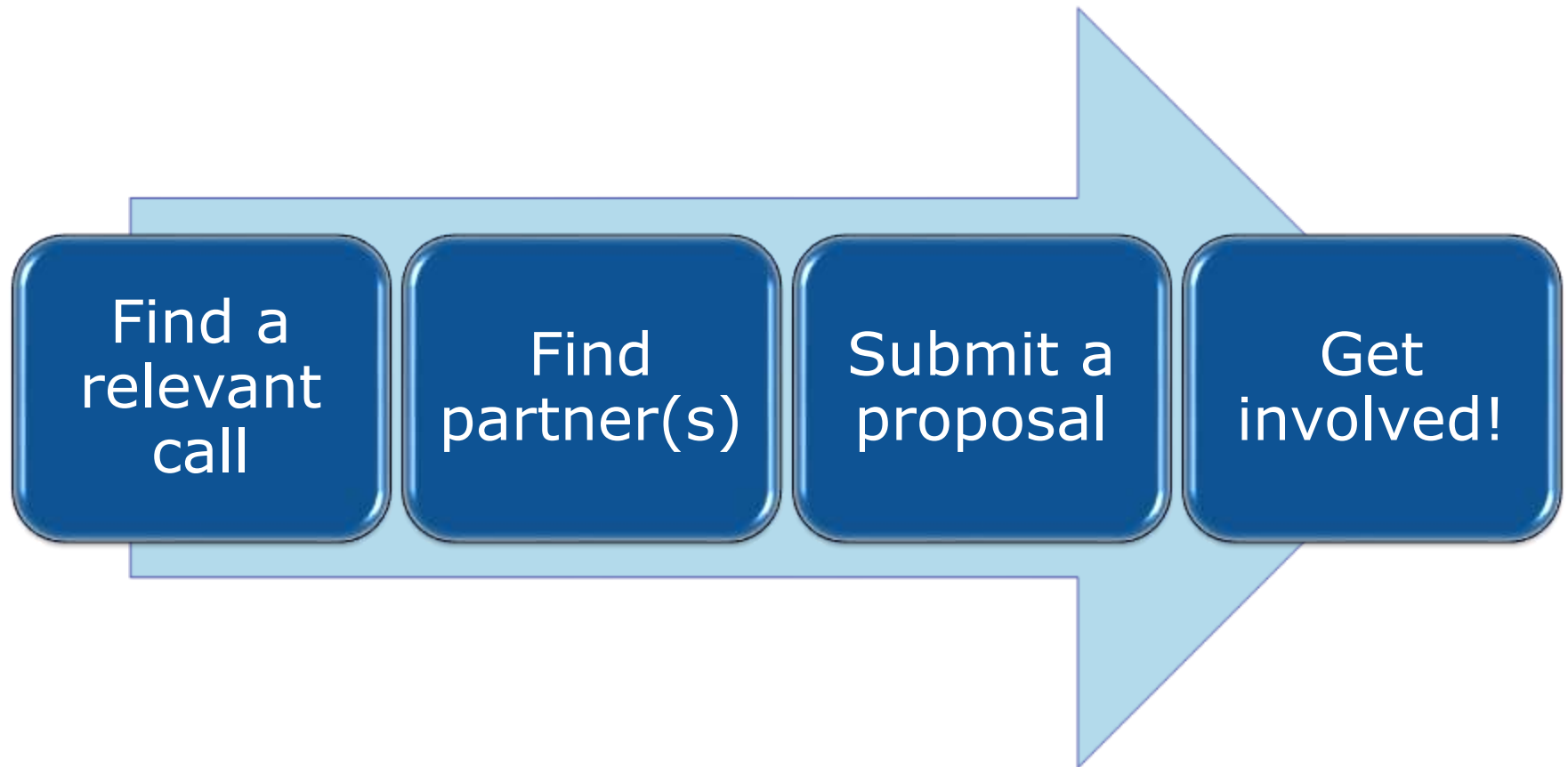
- For actions aimed at individuals, like European Research Council or Marie Skłodowska-Curie:
  - 1 researcher
  - 1 host institution
  - 1 project

# Eligibility for funding



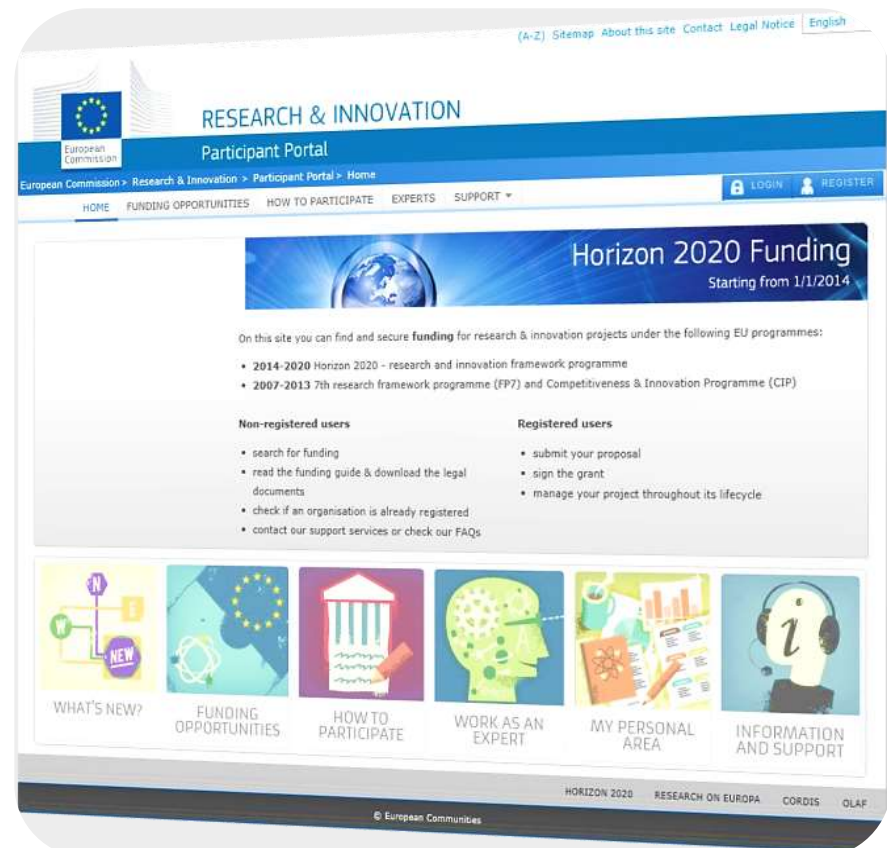


# How does it work?



# 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](http://www.ncp-incontact.eu/nkswiki/index.php?title=Main_Page)





# **HORIZON 2020**

## **Open to the world!**

## **Thank You!**

**Find out more:**  
[www.ec.europa.eu/horizon2020](http://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**

**HORIZON 2020**

