TECHNOLOGICKÉ
CENTRUM AV ČR

TWINNING IN H2020 AND OUTLOOK TO HORIZON EUROPE

GeoUS Opening Conference - Ostrava

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WHY SEWP IN H2020

- significant internal disparities of research and innovation performance in the EU

- some countries have low participation in the EU Framework Programmes because of:

  - ➢ insufficient national R&D investments
  - ➢ lack of synergies between national research systems and EU research landscape
  - ➢ system learning effects
  - ➢ reduced access to international networks
  - ➢ problems with information, communication and training

ELIGIBLE COUNTRIES

- Composite Indicator of Research Excellence (publications, top institutions, patents and ERC grants) with a corrective threshold of 70% of the EU average – detailed info **here** (p 321)

- Low R&I performing (LPC) or Widening countries: 27
  - 15 MS (Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia and Slovenia)

  - 12 AC (Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, North Macedonia, Georgia, Moldova, Montenegro, Serbia, Tunisia, Turkey and Ukraine)

- *FP7 – part IV Capacities (Regions of Knowledge, Research Potential)*

- *Horizon Europe – fixed list of eligible MS in the legal act*

WHAT IS TWINNING?

- CSA grant supporting partnership of less performing research institution and at least two internationally leading counterparts in Europe

- Institutional networking to enable transfer of knowledge and skills and exchange of best practice

- Enhancement of quality of research capacities, research profile of the institution and of its staff

- Focus on clearly defined specific field of research that is a priority for Widening institution

TWINNING EVOLUTION 1

❖**1st call in 2015**

Overall call budget - € 66.24 M

Budget per project - € 1 M max.

Project duration – 3 years max.

Specific issues – non-eligible costs: infrastructure and research costs, equipment including consumables

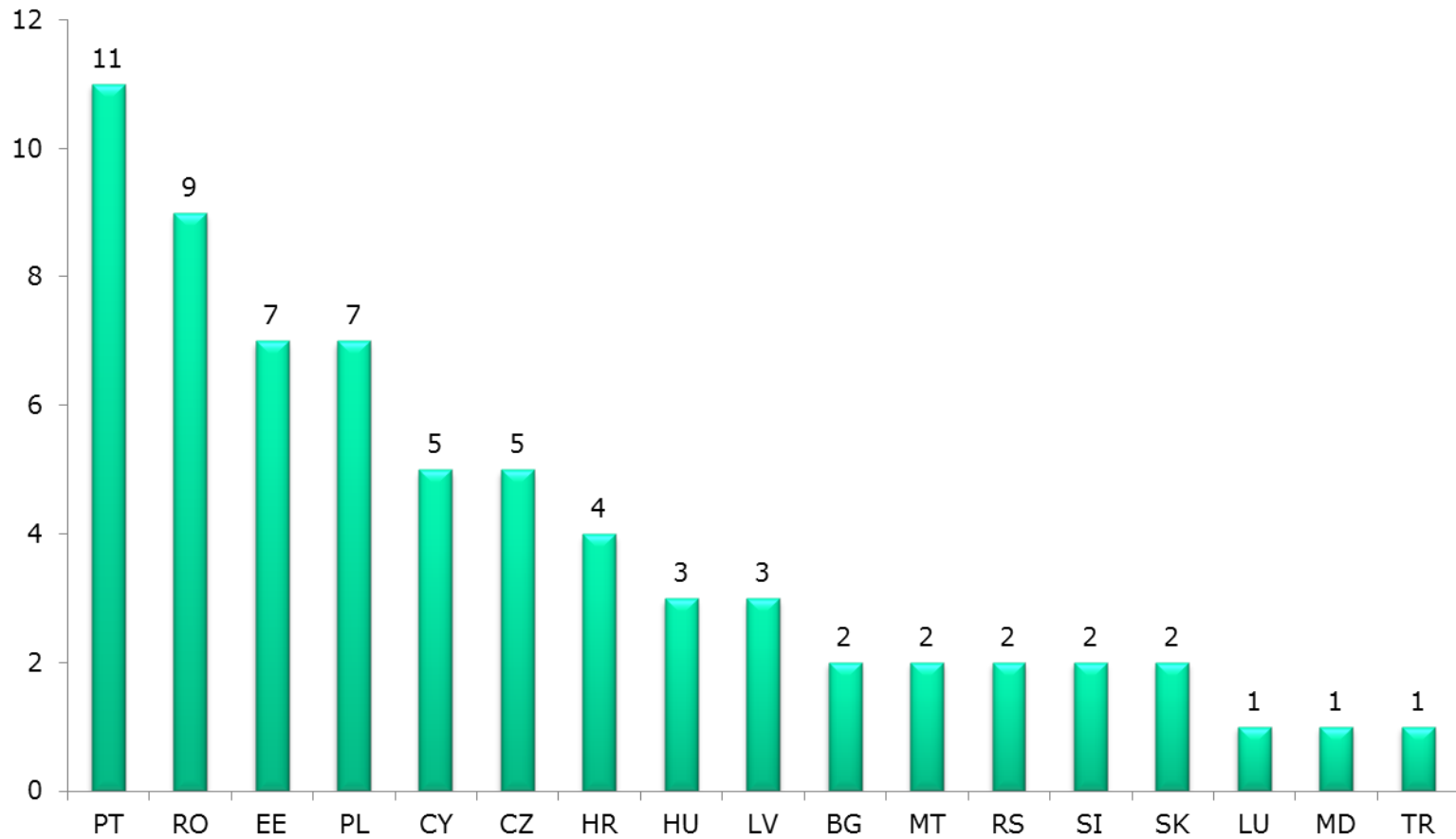Proposals submitted – 552

Proposals evaluated – 546

Grants – 67

Minimum points needed – 13.5

Successful projects per coordinator´s country – see next slide

TWINNING EVOLUTION 2

TWINNING EVOLUTION 3

❖**2nd call in 2017**

Overall call budget - € 30 M

Budget per project - € 1 M

Specific issues – ineligible costs (dtto as in 2015 call)

Proposals submitted – 483
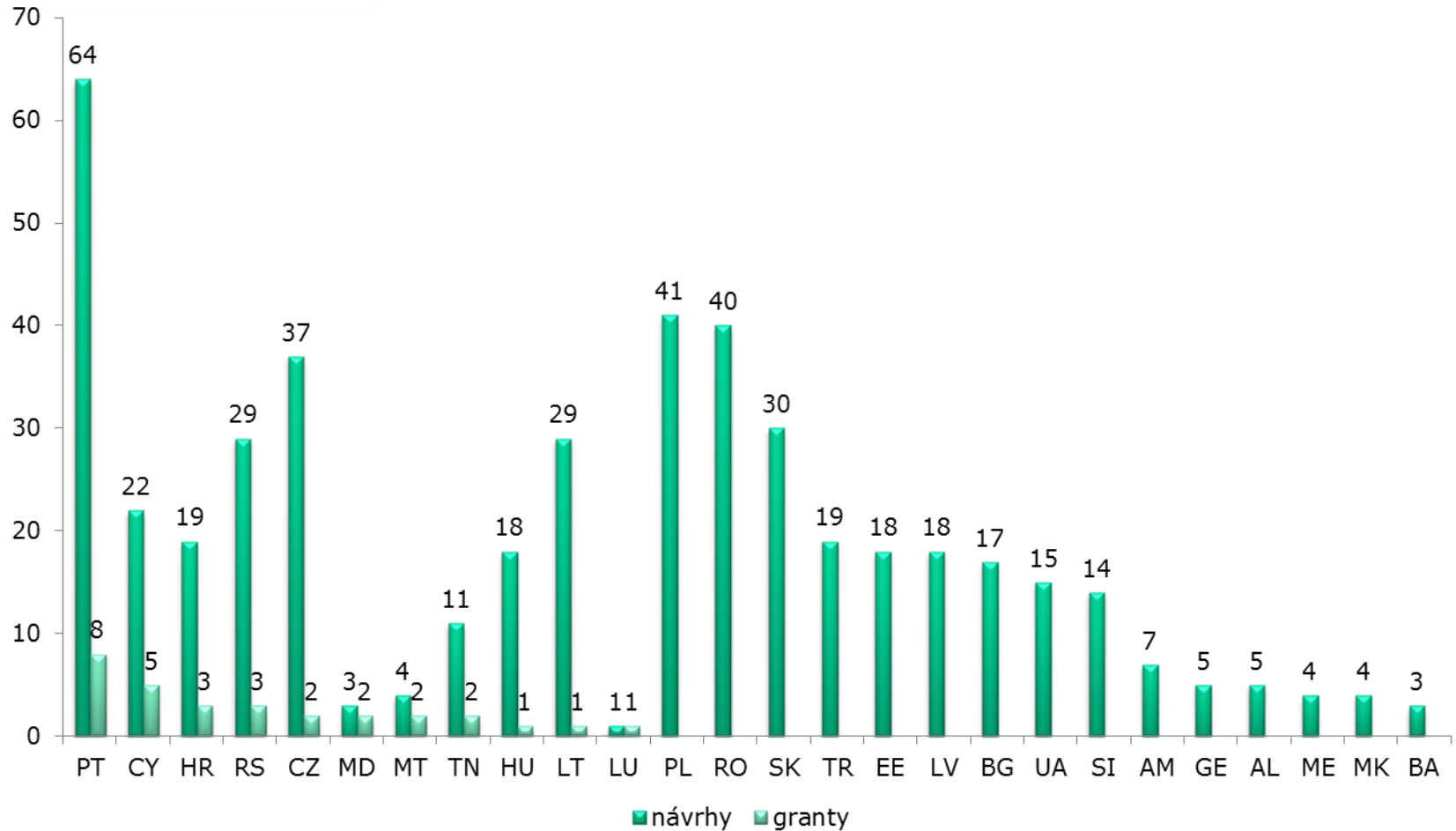
Proposals evaluated – 477

Grants – 30

Minimum points needed – 14

Proposals and successful projects per coordinator´s country – see next slide

TWINNING EVOLUTION 5

3rd call in 2018

Overall call budget - € 30 M

Budget per project - € 0.8 M

Specific issues – ineligible costs (dtto as in 2015 call), NEW: dedicated WP targeting early stage researchers - ESR (MSCA definition) from coordinating institution
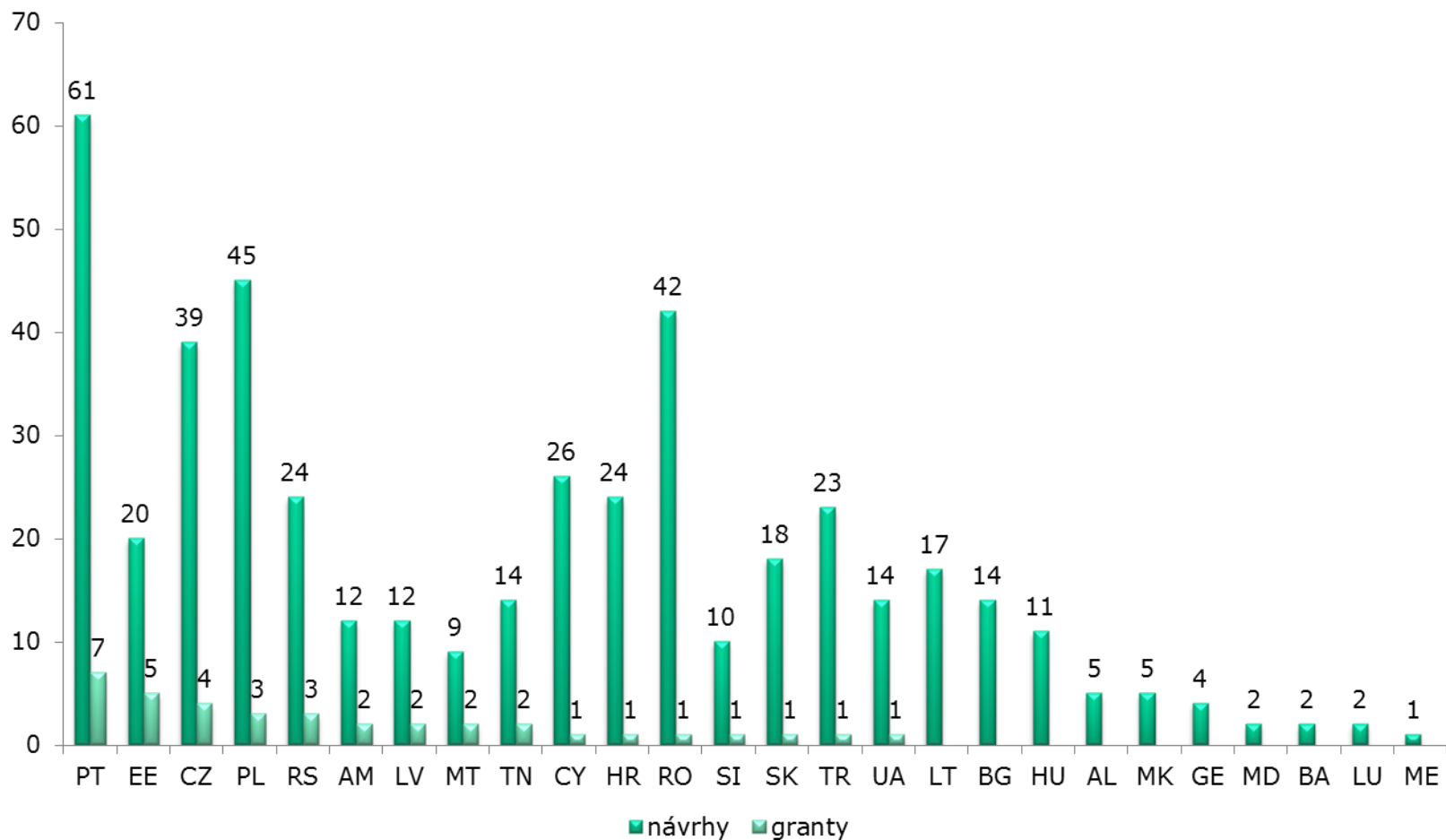
Proposals submitted – 460

Proposals evaluated – 456

Grants – 37

Minimum points needed – 14

Proposals and successful projects per coordinator´s country – see next slide

TWINNING EVOLUTION 6

TWINNING EVOLUTION 7

❖**4th call in 2019 (from 2020 budget)**

Overall call budget - € 69 M

Budget per project - € 0.9 M

Ineligible costs: Infrastructures costs

Proposals submitted – 439

Proposals evaluated – 437

Grants – 77

Minimum points needed – 13

Successful projects per coordinator´s country – see slide 13

TWINNING EVOLUTION 8

Call 2020 Specific issues

dedicated WP or task targeting early stage researchers - ESR (MSCA definition) from coordinating institution

dedicated WP or task for improving research management and administration skills; clearly demonstrate added value and impact of the proposal in case that coordinating institution has received Twinning grant in the past

costs for equipment and research costs (consumables) can be accepted up to 10% of the total budget requested

Change in prioritisation of ex aequo proposals (1st sub-criterion: proposals from Widening countries not otherwise covered by more highly-ranked proposals

TWINNING EVOLUTION 8

PT – 13

EE, PL – 8

RS – 7

TR – 6

CZ, LT – 4

HU, LV, RO, SK – 3

AM, BG, CY, SI, TN – 2

BA, HR, MK, MT, UA - 1

HORIZON EUROPE

EC proposed new FP in June 2018 – ambitious € 100 billion research and innovation programme to succeed Horizon 2020

European Parliament and the Council of the EU reached in March and April 2019 a provisional agreement on Horizon Europe (endorsed by EP on 17 April 2019, two days later by the Council
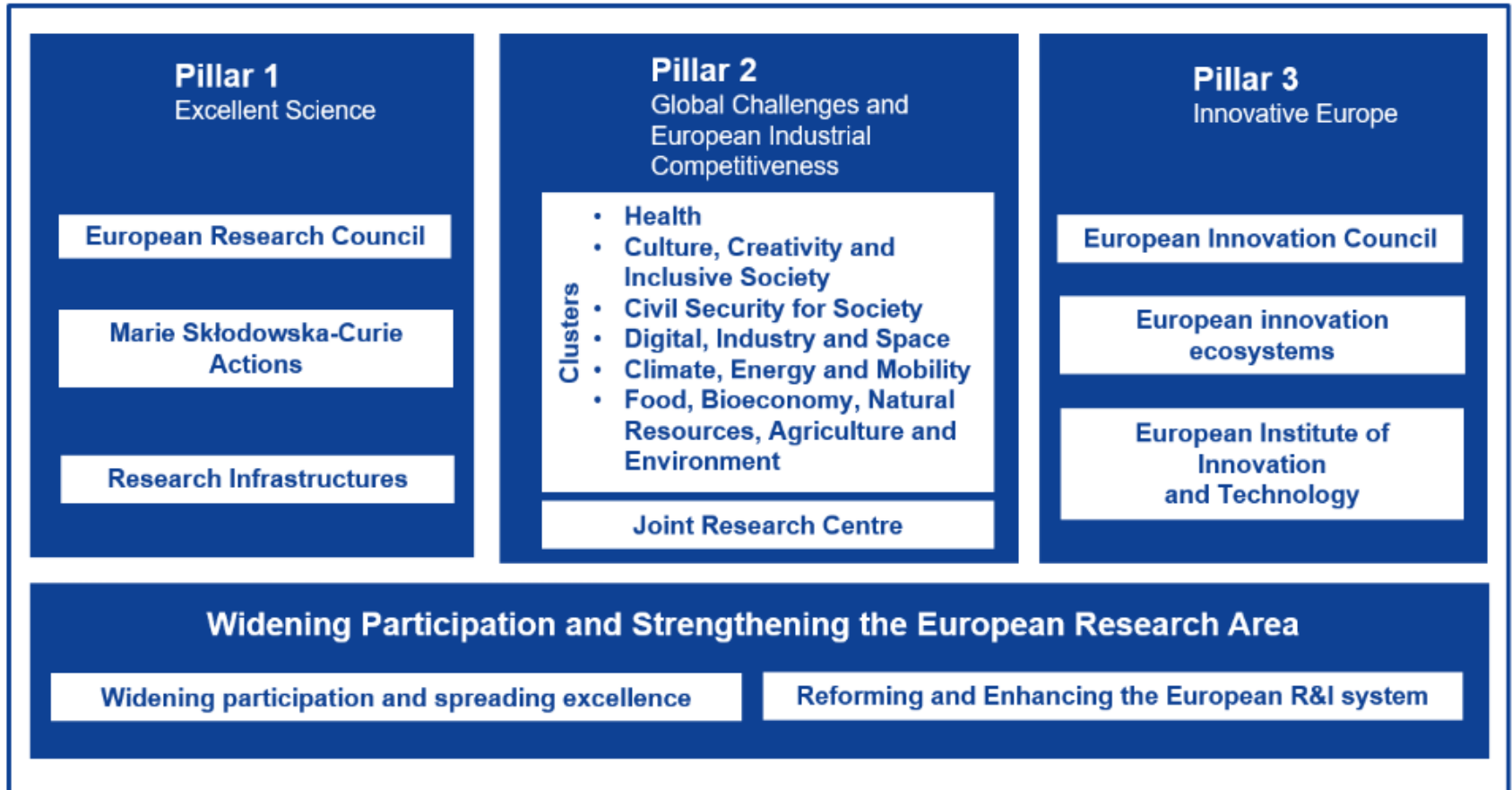
Work programme 2021-22 (including first calls) – preparations have not started yet (the Horizon Europe Shadow Programme Committee for Widening was supposed to meet in March last, due the COVID-19 it was not possible)

Horizon Europe web
https://ec.europa.eu/info/node/71880

Following slides come from official EC presentations

HORIZON EUROPE

Pillar 1
Excellent Science

Pillar 2
Global Challenges and European Industrial Competitiveness

Pillar 3
Innovative Europe

European Research Council

Clusters
- **Health**
- **Culture, Creativity and Inclusive Society**
- **Civil Security for Society**
- **Digital, Industry and Space**
- **Climate, Energy and Mobility**
- **Food, Bioeconomy, Natural Resources, Agriculture and Environment**

European Innovation Council

Marie Skłodowska-Curie Actions

European innovation ecosystems

Research Infrastructures

European Institute of Innovation and Technology

Joint Research Centre

Widening Participation and Strengthening the European Research Area

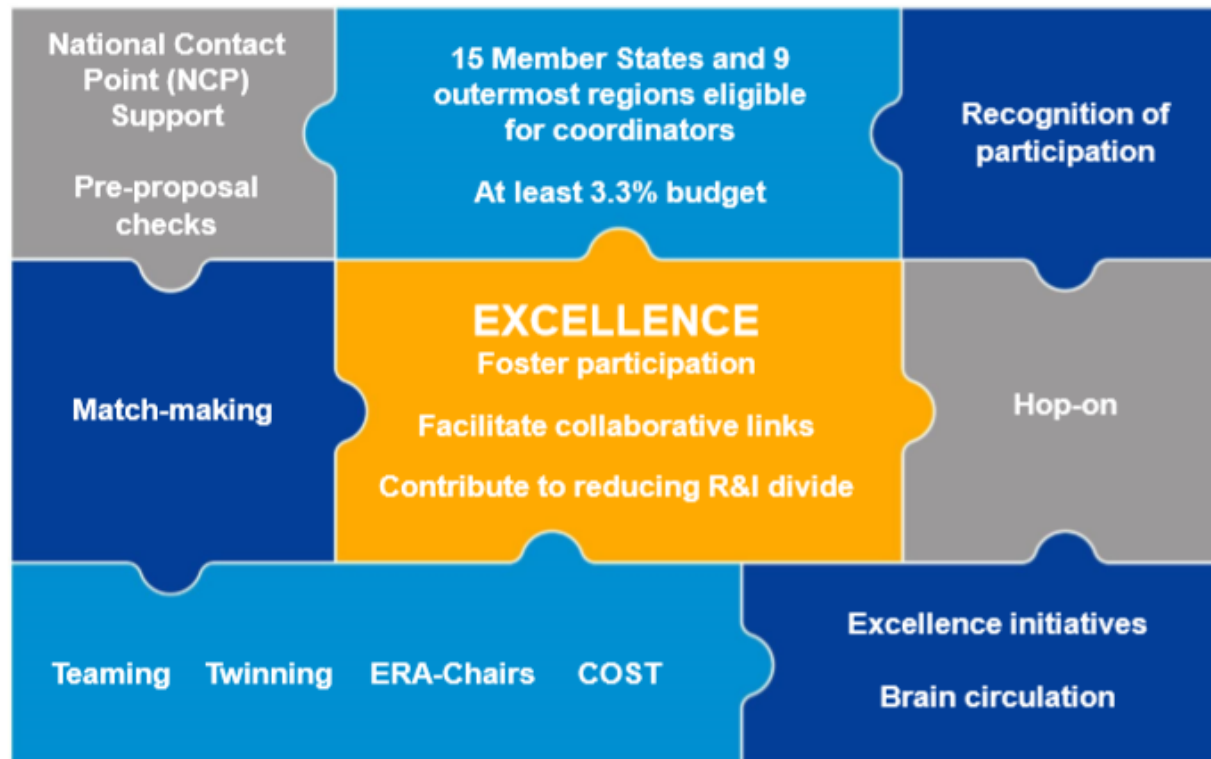**Widening participation and spreading excellence**

Reforming and Enhancing the European R&I system

Widening participation/spreading excellence

Widening Participation and Strengthening the European Research Area: optimising strengths & potential for a more innovative Europe

Widening Participation and Spreading Excellence, e.g.

- Teaming & twinning
- ERA Chairs
- COST
- Support to NCPs
- Brain circulation and excellence initiatives
- "Hop-on"

Common understanding: At least 3.3 % of Horizon Europe budget

Reforming and enhancing the European R&I system

- Scientific evidence & foresight
- Open Science
- Policy Support Facility
- Attractive researcher careers
- Citizen science, Responsible Research & Innovation
- Gender equality

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European Commission

HORIZON EUROPE

Novelties for Widening under Horizon Europe:

- More integrated policy approach and enhanced synergies with European Structural and Investment Funds (ESIF), transnational missions, smart specialisation strategies ERA
- Further simplification and harmonisation of rules across funding systems
- Continuation of core widening instruments with some improvements in response to lessons learnt
- Research cost for CSA eligible under widening opening opportunities for integrating smaller research projects into Twinning and ERA Chairs
- More emphasis on developing management capacities
- Full integration of COST under widening, 80% of actions must have significant widening dimension
- Fixed list of eligible countries to host the main beneficiary (EU13 + PT + EL) based on new indicators and internal study
- EU outermost regions fully eligible to host the co-ordinator
- "Advancing Europe" package with a bunch of additional support schemes to boost participation of less research performing countries

Thanks for your attention!

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