

OE/MINECO/AEI support activities:
The ERANET Cofund instruments and official committees
representation (FET PC and BoF activities).

Madrid, 15 de noviembre 2017
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Support activities:

As a funding organizations:

- National Networks (Redes de Excelencia)
- National bottom up calls (Retos, Excelencia)
- Cofund initiatives: ERANETs & family (APCIN)

As a national representation: PC; BoF

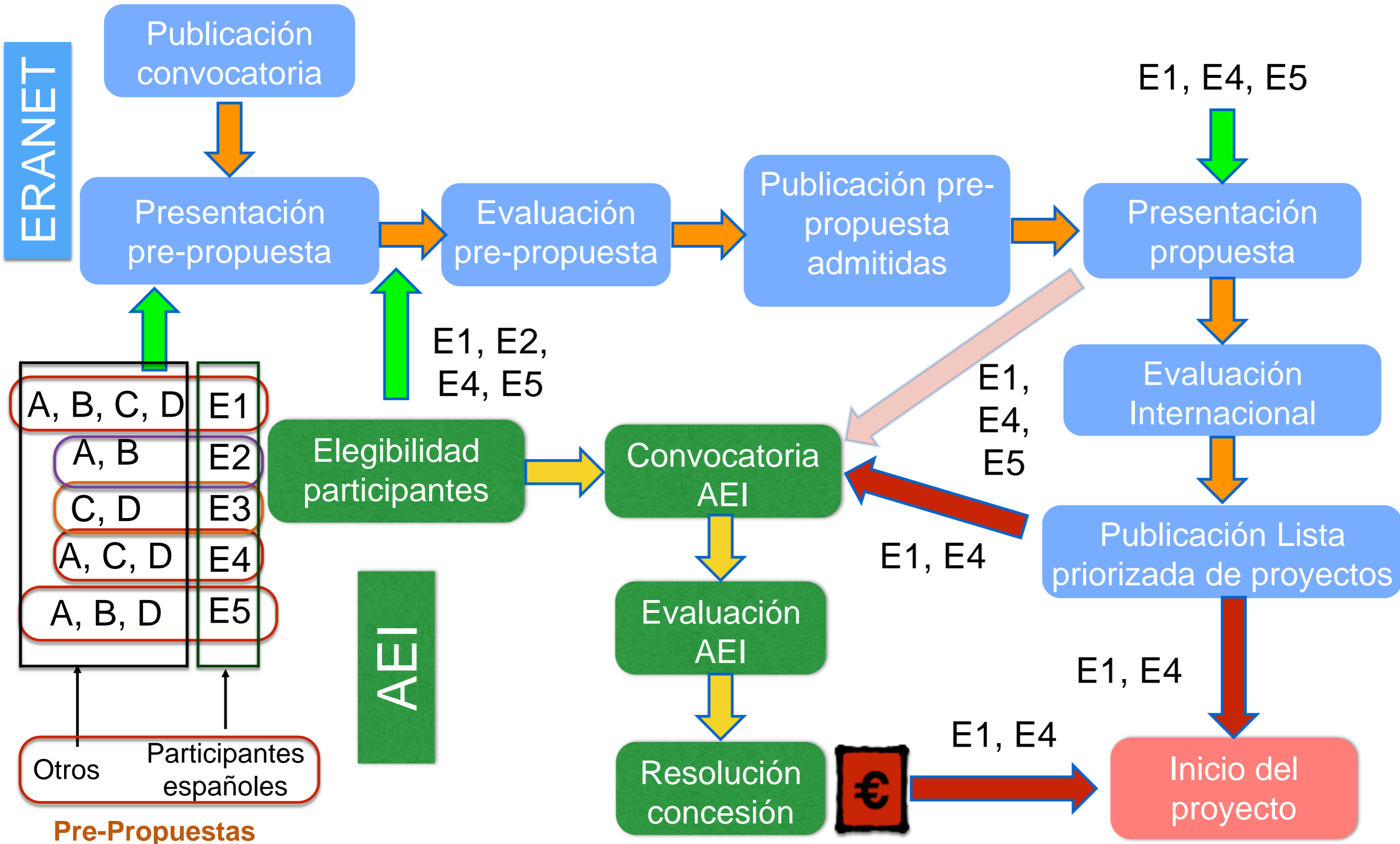
ERA-NET – COFUND

- Network of research funders and ministries that join forces to design and implement specific activities (Transnational open and competitive calls)
- € = € (COM) + € (MS)
- Project of H2020 where partners are research funders and ministries



- Align Spanish research activities with research activities in other countries.
- Strengthen international profile spanish research community.
- Give Spanish researchers the opportunity to work in specific domains with peers from other countries.
- ERANETs can serve as 'bridge' between national funded research and European programs.
- ERANETs can complement European funding with national contributions, e.g. FLAG-ERA.
- ERANETs can be preparatory for European programs: e.g. CHIST-ERA and QuantERA for the QT flagship.

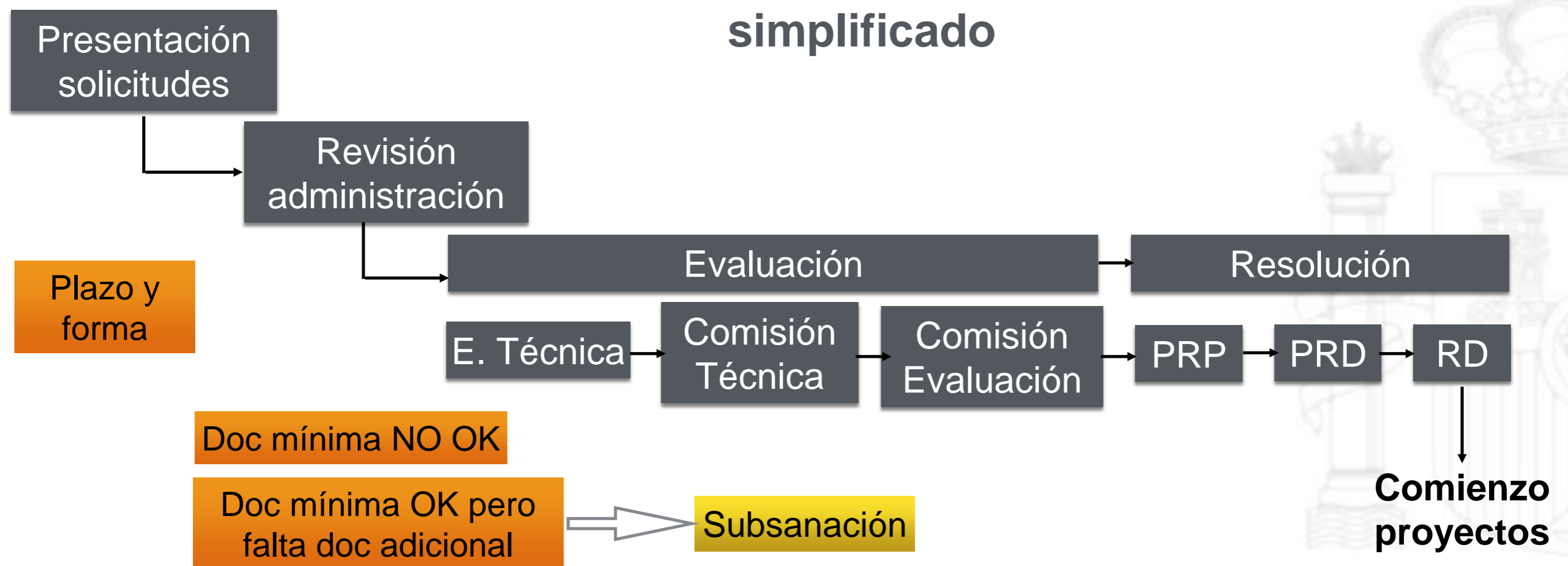
ERANET-COFUND. European Stage



Procedimiento de una convocatoria



Procedimiento simplificado



Area pilot: ICT & Connected Society

| Sub-area | ERA-NET | Description | AEI Funding & projects funded | Calls | Comments (relevance) |
|--|-------------------------------------|--|---------------------------------|--|---|
| Smart Materials and Nanoscale Engineering | M-ERA.NET | ERA-NET for materials research and innovation | 2016: 2.M € (15 projects) | 2018 | Energy efficiency, data processing, smart manufacturing, smart interfaces, nano-bio devices |
| | FLAG-ERA / GRAPHENE | In support of Graphene and HBP | 2017: 0,85 M (7 GRAPH projects) | 2019 | ERA.NET to support current two flagships |
| | QuantERA | QuantERA ERA-NET Cofund in Quantum Technologies | 2017: 0,75 M€ | Poss 2019 | Quantum Technologies. Supporting the development of the QT Flagship |
| Robotics, Interfaces and Artificial Intelligence | CHIST-ERA | FET ERANET: European Coordinated Research on Long-term Challenges in Information and Communication Sciences & Technologies | 2016: 0,45 M€ (3 projects) | Call open in Robotics Deadline 11 January | CHIST-ERA call topics are relevant for different pilot FET flagships e.g. Big Data |
| ICT for Social Interaction and Culture | HERA JRP | Humanities in the European Research area | Budget 500.000 | ? | No specific focus on technologies |

Area pilot: Health and the Life Sciences

| Sub-area | ERA-NET | Description | AEI Funding & projects funded | Calls | Comments (relevance) |
|---|-------------------------------|--------------------------------|------------------------------------|-------------------------------|--|
| Disruptive technologies to Revolutionise Healthcare | FLAG-ERA: HBP | In support of Graphene and HBP | 2017: 0,35 M€ 3 projects in HBP | 2019 | ERA.NET to support current two flagships. Could be model for national support to future flagship |
| Disruptive technologies to Revolutionise Healthcare/ Understanding Life by Exploring the Genome and the Cell | ERANANOMED | Cofund Action on Nanomedicine | ? | 2018. Deadline 16/01/18 | Nanomedicine: a) Regenerative medicine b) Diagnostics c) Targeted delivery systems |
| | ERA CoBiotech | Cofund on Biotechnologies | 2017: 2.M€ 9 projects | To be defined | Synthetic biology; Systems biology; Use of bioinformatic tools; |

Area pilot: Energy, Environment and Climate change

| Sub-area | ERA-NET | Description | AEI Funding & projects funded | Calls | Comments (relevance) |
|---|-----------------------------|---|----------------------------------|--|--|
| Earth, Climate Change and Natural Resources | Biodiversa | Pan-European research on biodiversity and ecosystem services | 2016-2017 2 M€ 14 projects | 2017-2018 pre-registration: 01/12/2017 | Call 2017-2018 thematic scope specific interest for pilot call. Scenarios of Biodiversity and Ecosystem Services |
| | ERA4CS | Boost the development of efficient Climate Services in Europe | 7 projects | | |
| | AXIS | Assessment of potential impacts of climate change on the bio-physical systems and human society | Pending | 2018 | |
| Radically new Energy Production, Conversion and Storage devices and systems | SOLAR | Solar electricity technologies in the European Research Area. | 2013- 17 15 projects 2 M€ | 2018 | PV & CSP |
| | DEMOWIND | Offshore Wind Energy | 2016 1 project / 0,2 M€ | | Offshore wind energy |
| | NEWA | New European Wind Atlas | 2014 1 project 1,2 M€ | No | |
| | ACT | Accelerating CO2 capture and storage (CCS). | 2016 1 project 0,1 M€ | 2018 | CCS |
| | Geothermica | Acceleration Geothermal Energy Deployment | Under evaluation | | |

Representation BoF & FET Programme Committee

Board of Funders (BoF)

- One of the Flagships (FFs) governance bodies.
- 32 funders of HBP and Graphene, namely representatives from the Member States and Associated Countries of Horizon 2020 + COM + HBP & GRAPHENE
- Purpose, programming activities in support of the FFs.
- Main role of the BoF is to discuss and possibly plan the financial support to the FFs for their whole duration
- Key objectives include:
 - Exchanging information on the overall direction and strategy of the Flagships
 - Fostering synergies between the Flagships and related activities funded at national, regional or transnational levels
 - Programming activities in support of the Flagships
 - Promoting an environment that stimulates innovation by linking the Flagships S&T developments to innovation policies at national and European level
 - Fostering international collaboration
- Spanish representatives: Severino Falcón; Nicolás Ojeda; Federico Mompean

Representation BoF & FET Programme Committee

FET Programme Committee

- Horizon 2020 is implemented by the European Commission assisted by Programme Committees where **member states are represented**.
- Main activities:
 - To **represent and defend national interests** in the development of the specific H2020 programmes.
 - To participate in the discussions on **strategic planning** and on ensuring **links to nationally funded activities**.
 - To provide **opinions on the Work Programmes**.
- There are 14 configurations of the Committee for the Specific Programme Implementing Horizon 2020:
 - N°2: European Research Council, Marie Skłodowska-Curie Actions, **Future and Emerging Technologies**
- **Spanish representatives:** Nicolás Ojeda (OE); Fernando Martín (CDTI); CCAA delegate

Thanks!

