

# QuantERA

ERA-NET Cofund in Quantum Technologies  
MINECO-AEI PARTICIPATION

Madrid, 3 de noviembre de 2016  
Subdivisión de Programas Científico-Técnicos Transversales,  
Fortalecimiento y Excelencia.  
Agencia Estatal de Investigación  
Ministerio de Economía y Competitividad.

- Introduction to QuantERA
- The ERANET funding scheme
- MINECO-AEI participation



## Quant ERA:

- A H2020 Project: N°. 731473
- 2015 FET Proactive call WP 15/16.
- ERANET COFUND:
  - Where participants are funding research organizations (FROs; Ministries, national and regional funding agencies).
  - Where COM grants FROs up to 33% of the ERANET Call.
- Outcome of the successful cooperation between research funding organisations and scientific community in quantum technologies



Partially based on the presentation of the National Science Center; QuantERA; ERA-NET Cofund; in Quantum Technologies; Sylwia Kostka

## QuantERA activities:

Co-funded Call

Additional Activities

- Expected budget ca. **37 M €** (**11.5 M € EC contribution**)
- Launch: **January 2017**
- Funding decisions: **late 2017**
- Projects start: **2018**
- Low TRLs targeted

- Raising awareness on **RRI issues** with regards to QT
- Potential future **call for proposals**
- Building **cooperation** with countries **outside Europe**
- Development of the **public policies** in QT field
- Communication channels with **industrial stakeholders**
- Collaboration between the **academia and industry**



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# QuantERA. Introduction

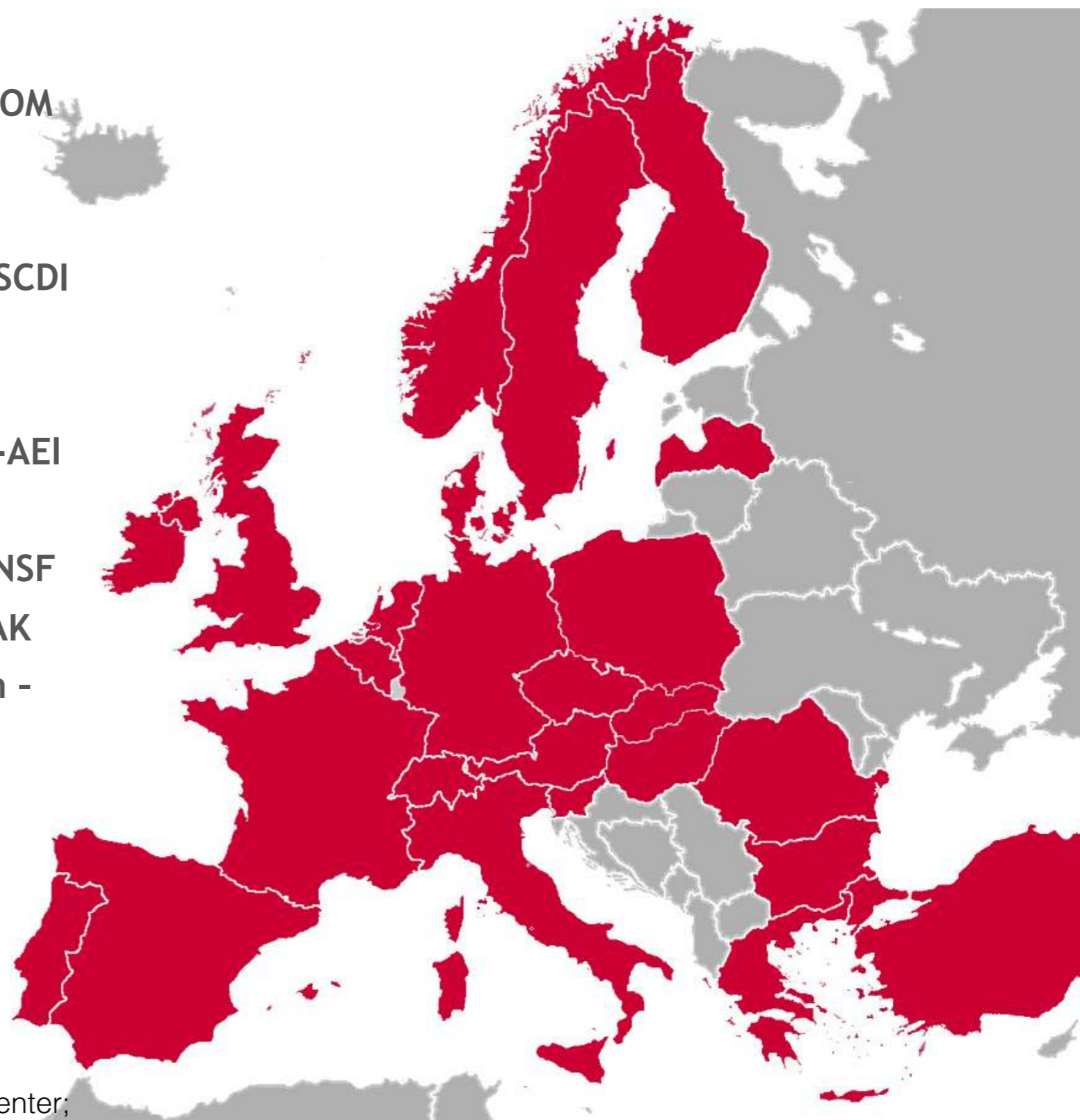
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- Austria - FWF
- Belgium - FNRS, FWO
- Bulgaria - NBSF
- Czech Republic - MSMT
- Denmark - IFD
- Finland - AKA
- France - ANR
- Germany, BMBF, VDI-TZ
- Greece - GSRT
- Hungary - NKFIH
- Ireland - SFI
- Israel - MATIMOP
- Italy - MIUR, CNR
- Latvia - VIAA
- Netherlands - FOM
- Norway - RCN
- Portugal - FCT
- Romania - UEFISCDI
- Slovakia - SAS
- Slovenia - MIZS
- Spain - MINECO-AEI
- Sweden - VR
- Switzerland - SNSF
- Turkey - TUBITAK
- United Kingdom - EPSRC, IUK

26 countries

National Science Centre, Poland- Coordinator

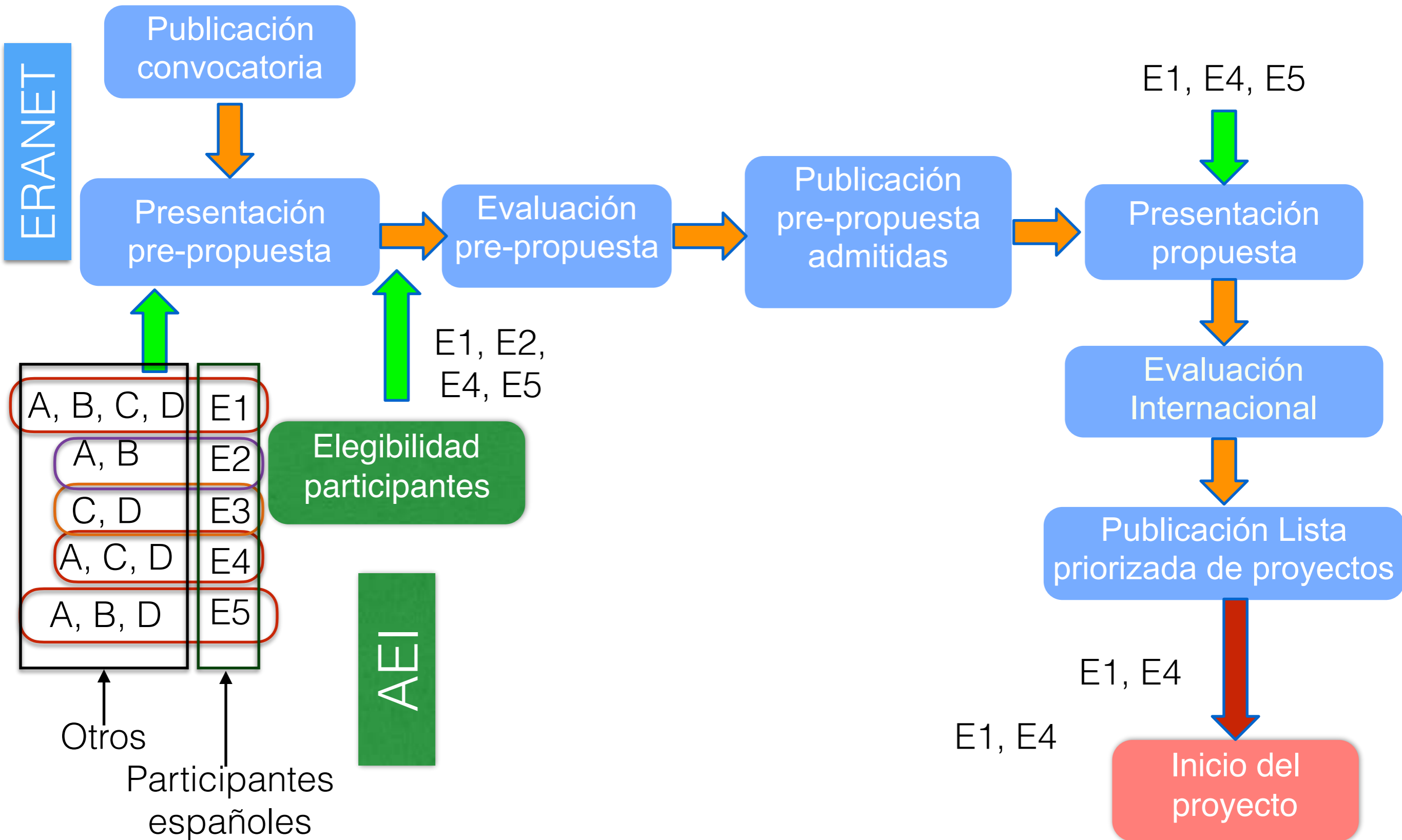
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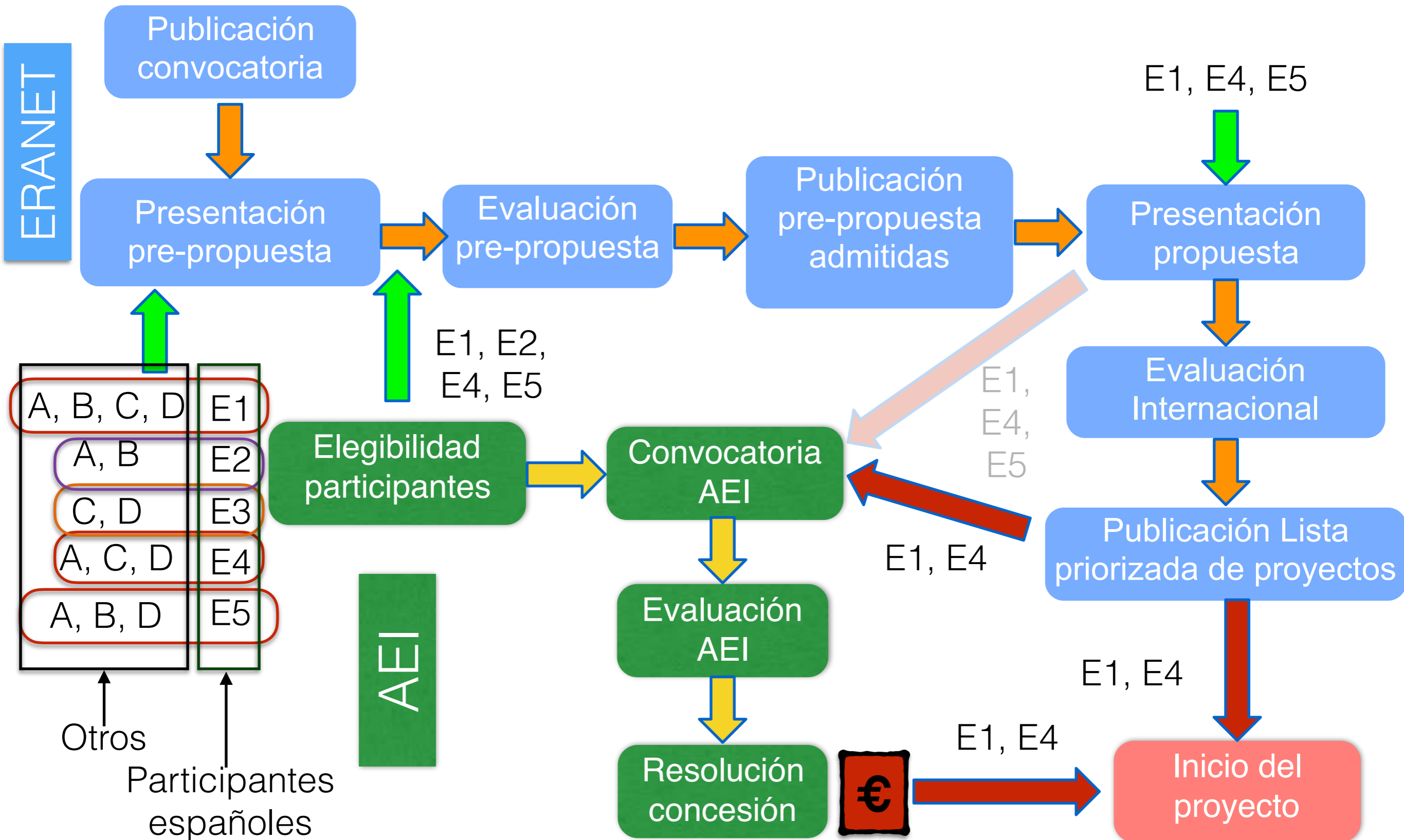


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# The ERANET funding scheme; European stage



# The ERANET funding scheme; European stage



# The ERANET funding scheme. National Stage (AEI)

## Procedimiento de una convocatoria



## Procedimiento simplificado

Presentación solicitudes

Revisión administración

Plazo y forma

Evaluación

Resolución

E. Técnica

Comisión Técnica

Comisión Evaluación

PRP

PRD

RD

Doc mínima NO OK

Doc mínima OK pero falta doc adicional

Subsanación

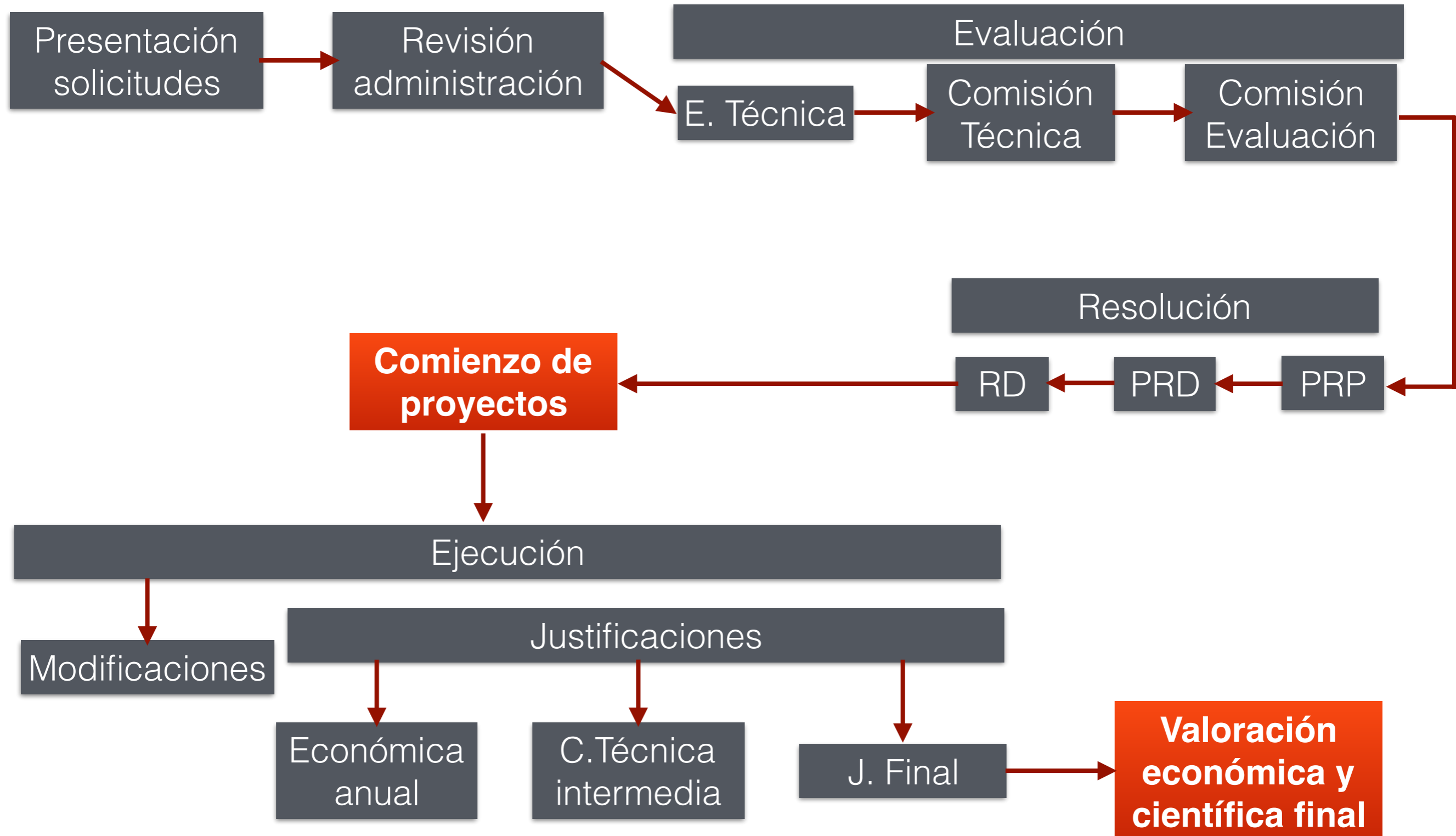
Comienzo proyectos

PRP. Propuesta Resolución Provisional  
PRD. Propuesta Resolución Definitiva  
RD. Resolución Definitiva



# The ERANET funding scheme. National Stage (AEI)

## Procedimiento de una convocatoria



## Entities:

- Non profit research organizations: Universities, “OPIs, Centros Tecnológicos...”
- Although enterprises won't be funded through the APCIN Call, the Spanish industrial sector is much welcome to participate in the transnational consortia using their own funds.

## Spanish researchers:

### Principal Investigator (PI)

Experience as investigators in projects funded by the Plan Nacional / Estatal I+D+I, ERC Grants, or European Framework Programmes.

Contract: as civil servant, permanent staff or at least for the duration of the project.

Other researchers.



- Only one application in QuantERA call
- Only one application in APCIN 2017 (or equivalent)
- Principal investigators granted in the APCIN 2016 call are not allowed to apply neither in APCIN 2017 nor in the transnational QuantERA 2017 call.
- Principal investigators granted in the APCIN 2015 call are allowed to apply in APCIN 2017 and in the transnational QuantERA 2017 call if their projects are finished before the kick off meeting of the new projects.
- Spanish PIs have to remain unchanged between the pre-proposal stage, the full proposal stage, and the National APCIN call.

## MINECO AEI funding:

- Open to complementarity grants from CCAA and others...
- MINECO will avoid double funding (overlapping with other EU or National funding), and will not grant projects or parts of projects already funded.

# MINECO AEI participation. QUANTERA

## MINECO:

- Budeget: aprox 500.000
- Grants

Grant per Spanish participant

	Inv. teórica	Inv. experimental
One entity		
Several entities		
If coordinator		

*The following funding limits are considered eligibility criteria. Proposals not respecting these limits could be declared non eligible.*

Centres formed by different Spanish legal entities will be considered as a unique entity. The maximum funding should not exceed the limits per proposal established above (for example mixed centres).



What AEI grants:

- Personal costs for temporal contracts
- Direct costs

Grants:

- Marginal costs
- ...

Indirect costs (overheads) or clinical assays (proofs of concept, proofs of principle) are not eligible for funding in the APCIN call: NO elegibles.... at present

The final funding will take into account:

- The transnational evaluation of the collaborative proposal,
- The scientific quality of the Spanish group,
- The added value of the international collaboration,
- The participation of the industrial sector,
- The financial resources available.

The Contract is the “Resolución Definitiva de concesión”

Thanks!