

# Agencia Estatal de Investigación

December 2023

## CONTENT

1. GENERAL PRESENTATION
2. HR CALLS
3. PROJECT CALLS
4. NEW ACTIONS



# The nature of AEI

## Research funding organization (RFO)

- AEI is attached to the Ministry of Science , Innovation and Universities
- By far, **the largest Spanish Science Funding Organization** (*1 in 3€ in public science fund from AGE is AEI*)
- All domains of science and technology (except clinical)
- **Governance:**
  - Governing Board: Representatives from various Ministries, CDTI, ISCIII, Scientists, AEI personnel, Unions
  - President: Secretary General of Research of the Ministry of Science and Innovation
  - Director: Temporary (3+3) academic position
  - Scientific and Technical Committee: 12 world-class experts advising AEI

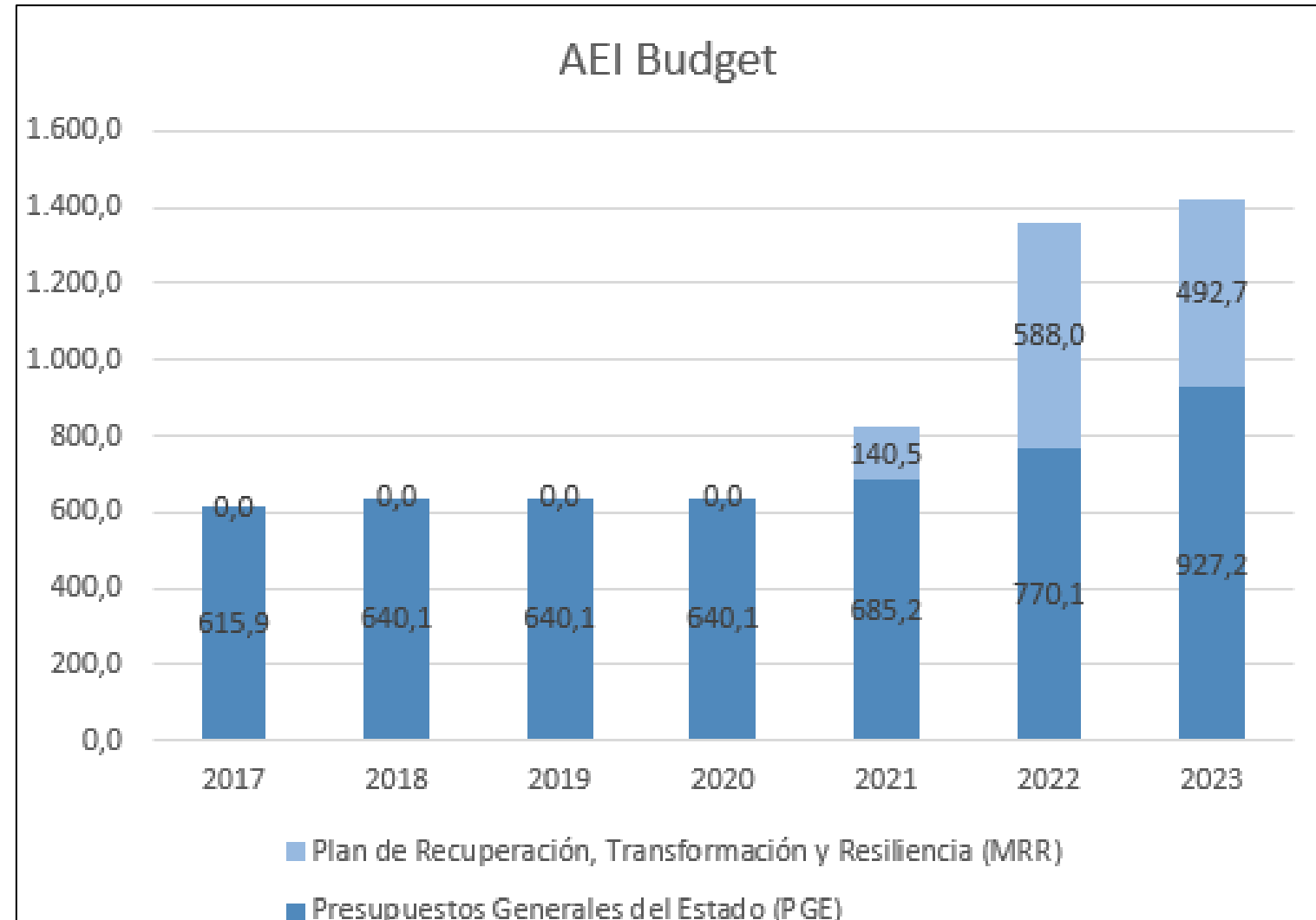


# The nature of AEI

## Research funding organization (RFO)

### Resources

- Budget:

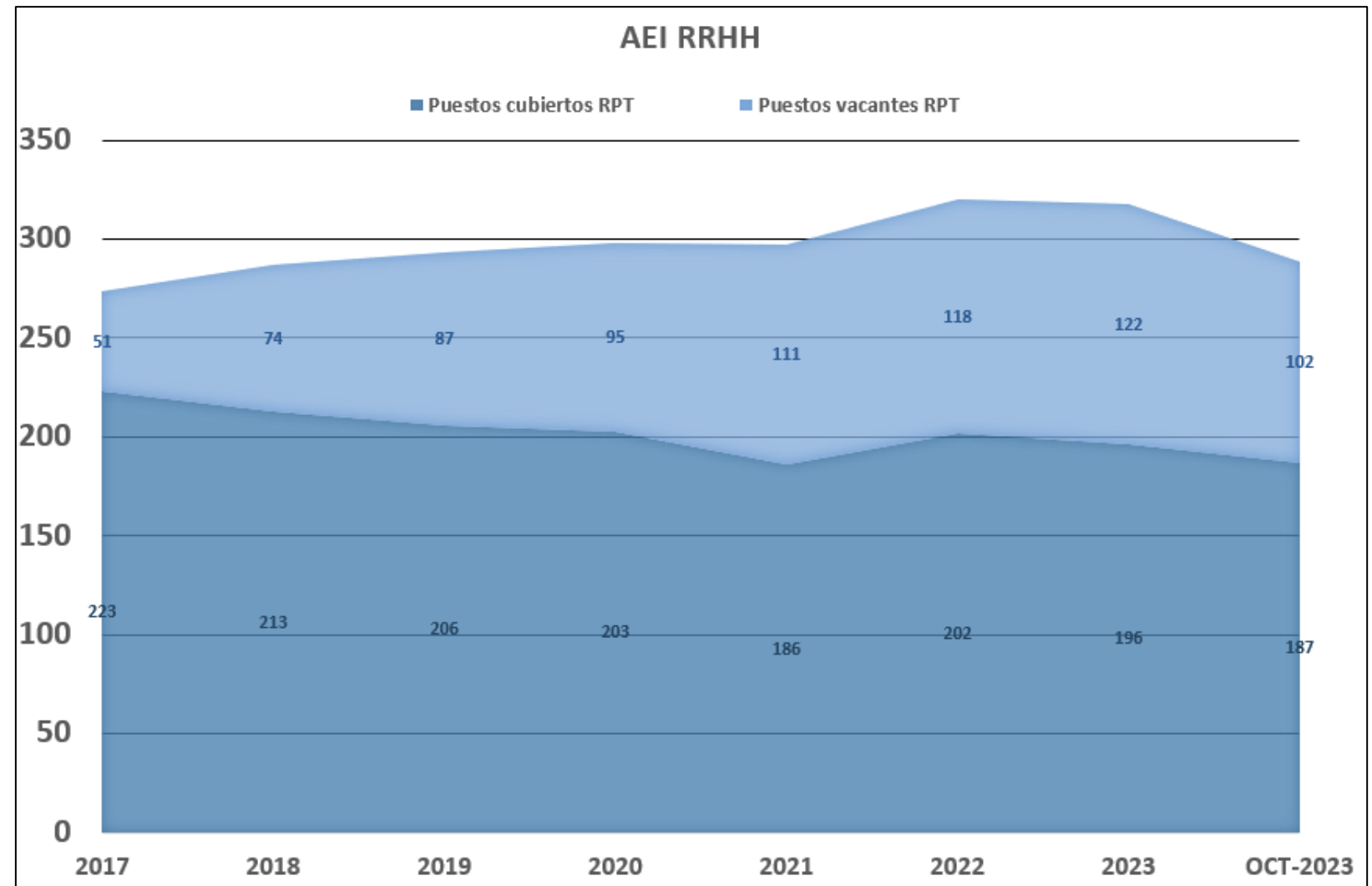


# The nature of AEI

## Research funding organization (RFO)

### Resources

- Human Resources:

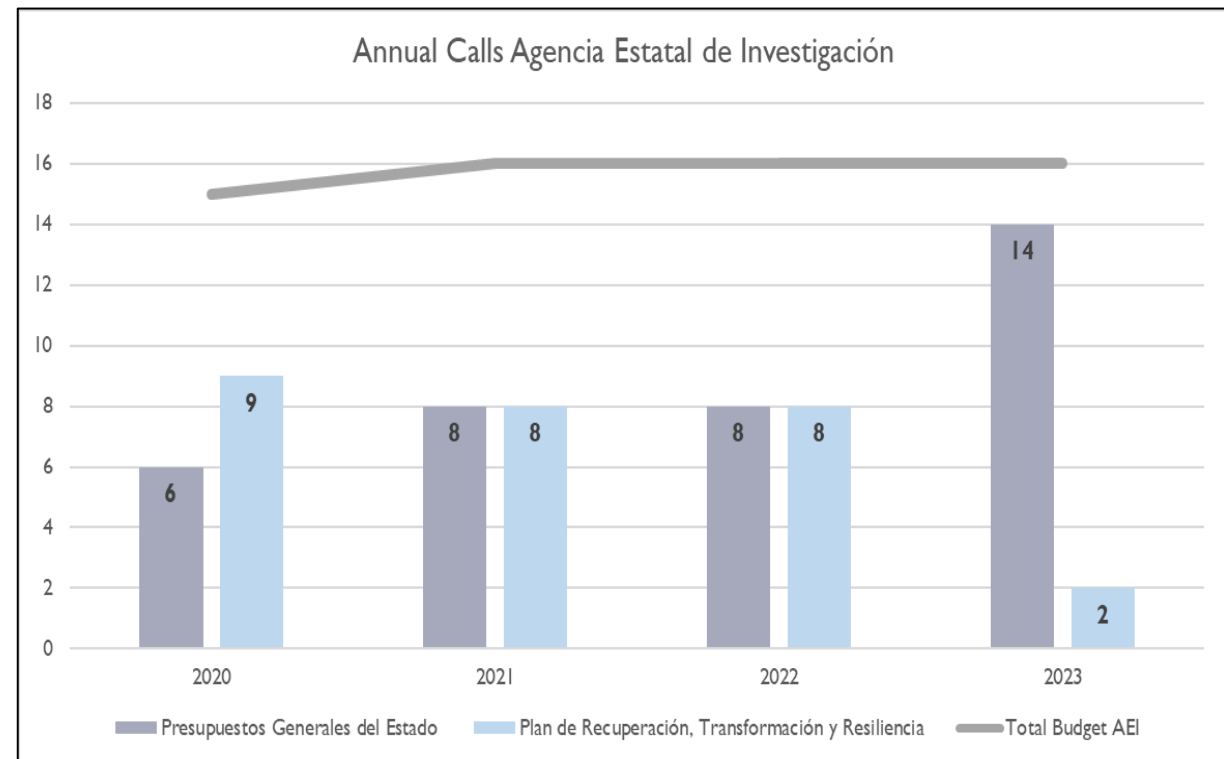


# AEI Activities

**01** Competitive funding of activities designed to promote R&I in Spain

**02** Ex-ante evaluation of the competitive calls (projects, temporary positions for researchers...)

**03** Ex-post and impact evaluation of funded activities



# Evaluation and funding

## 01 Calls for proposals:

- Competitive funding

## 02 2022 evaluation

- 23.000 from internal calls
- 4.300 from external calls
- 100 from international grants

## 03 Main characteristics of calls:

- Projects, RRHH
- Technology transfer and international activities
- Scientific Equipment
- Mostly, nonprofit organizations, but also enterprises (particularly SME, spin offs...)

## 04 DORA (San Francisco Declaration)

## 05 Gender Equality policies Open Science requirements “Plan de gestión de datos”



# AGENCIA ESTATAL DE INVESTIGACIÓN

1. GENERAL PRESENTATION
2. HUMAN RESOURCES CALLS





# HR Contracts

## Predoctoral contracts

- 2022 (for PID 2021)
  - 900 contracts
- 2023 (for PID 2022)
  - 1104 contracts
- End of contract indemnity (LCTI)
- Progressive increase in salary
- Selection process done locally

## Postdoctoral contracts Juan de la Cierva

- 2022
  - 32 M€, 475 contracts
  - 62% money to public universities
- 2023
  - 36 + 3 M€, 500 contracts
  - 10 % increase in salary



JDC	2022 call	2023 Call
Salary/€	25.350,00	28.000,00
Total money/€	30.000,00	32.300,00
Bolsa/€	7.400,00	7.400,00

# HR Contracts

## Ramón y Cajal

- 2022: 494 contracts. 126 M€
- 2023: 494 contracts. 130 M€
  - 4% increase in salary (19% wrt 2018)

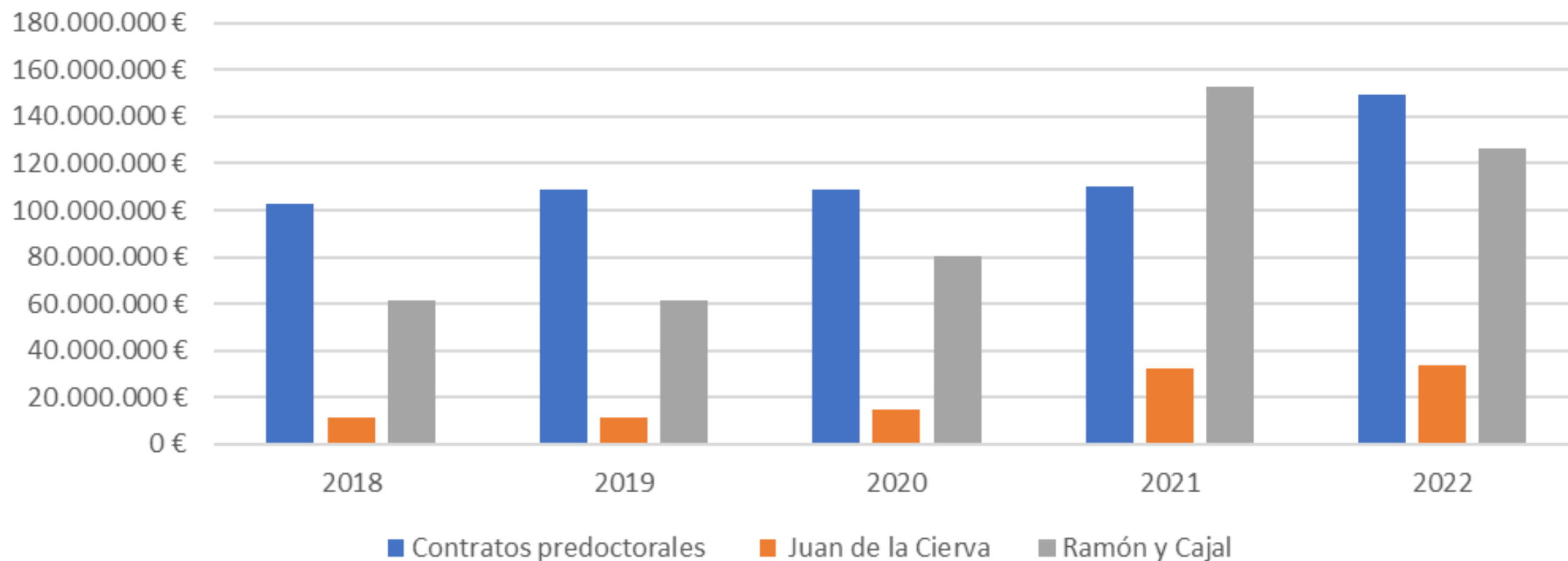


- 80 grants *Plan Atracción y Retención Talento Científico e Innovador.*

RYC	2022 call	2023 call
Salary years year 1-3/€	33.300,00	35.000,00
Total money year 1-3/€	35.450,00	36.800,00
Total money year 4-5/€	39.900,00	41.500,00
Money year 4/€	44.000,00	45.700,00
Bolsa general/€	50.000,00	50.000,00
Bolsa "Atracción de talento"/€	120.000,00	120.000,00

# HR Contracts

## Call budget



# HR Contracts – New actions

- Consolidación investigadora
  - 76M€ + 10M€ Chips + 10 M€ IA
  - Over 1400 applications
  - 40% success rate
  - PRP around 12th december
- Call R3
  - Huge interest: over 3400 applications



# HR Contracts

## Not only researchers...

### Personal Técnico de Apoyo

- Contracts for technical staff to support research activities
- Around 200 contracts per year



### Technology transfer

*The calls seek to incorporate knowledge into the productive sector*

- **Industrial Predocs**
  - To obtain a PhD at the industry
  - 2023 call will double the resources to 8 M€
- **Torres Quevedo (PhDs in industry)**
  - 2022: 15 M€. 160 contracts expected

# New AEI actions

## Plan de atracción y retención de talento científico e innovador (40 M€)

### Reinforcement of Ramón y Cajal call for foreigners

12 M€

### Offices of attraction and support for internationalization

3 M€



### ATRAE Call (25 M€)

- Established high-level researchers
- > 7 years of postdoctoral experience, 5 abroad in the last 7 years
- €1 million including indirect costs in 3 or 4 years
- Funded own salary as Distinguished Researcher (min 80.000 €)
- 60% reserved for UUPPs and RPOs
- 14 of 30 people to public universities

## CONTENT

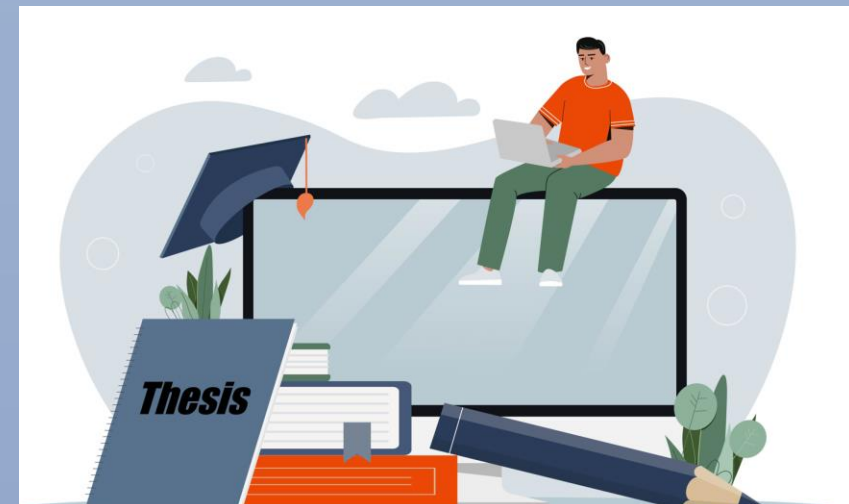
1. GENERAL PRESENTATION
2. HR CALLS
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# PID - “Plan Nacional”

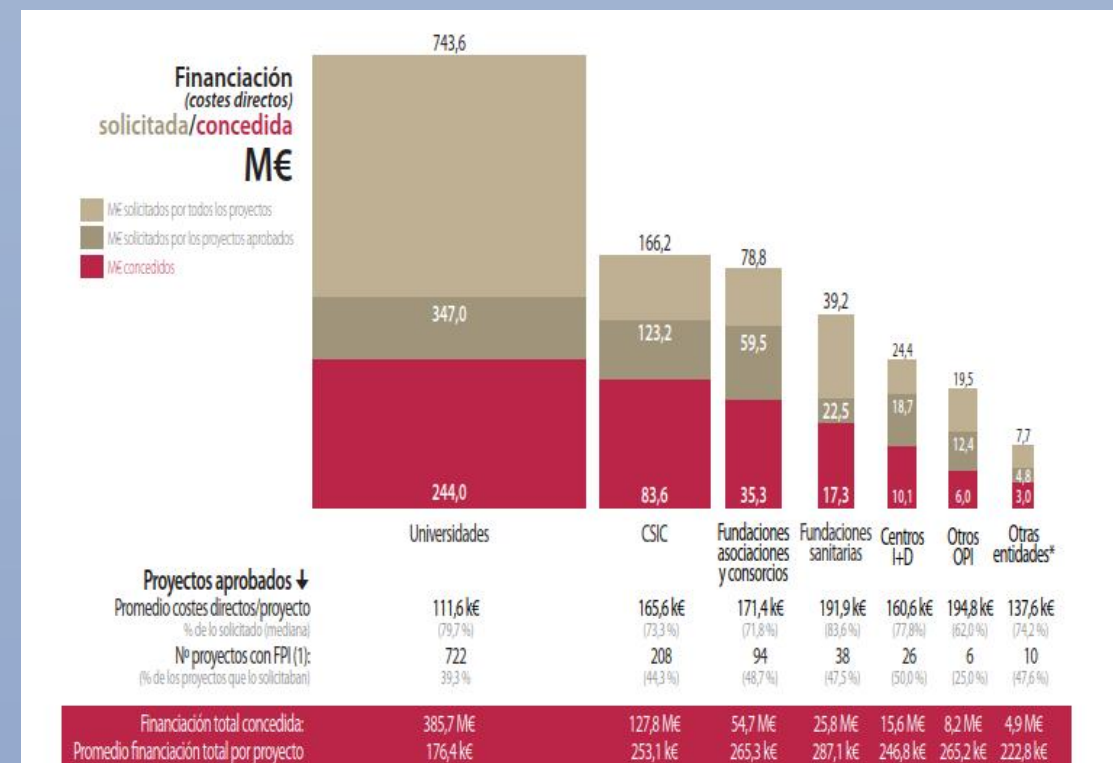
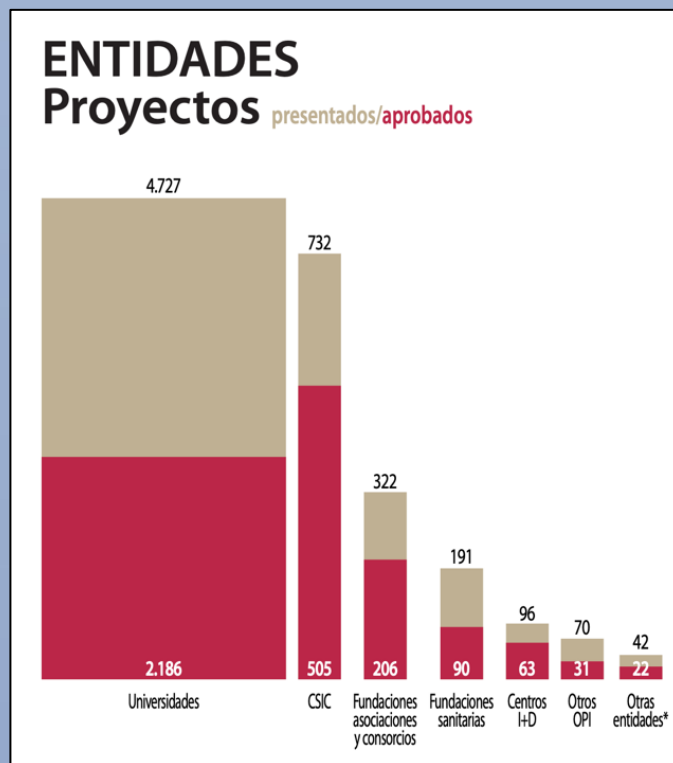
- 2022 → 623 M€.
- 2023 Last Tuesday was finally approved by the Government for 2023 → 655 M€
- Grant includes both research project and predoctoral contract
- In 2022
  - 2303 contracts: 1199 Predoctoral contracts 2022 call + 1104 Predoctoral contracts in R&I Projects
  - 15% increase of salary wrt two years ago



# PID

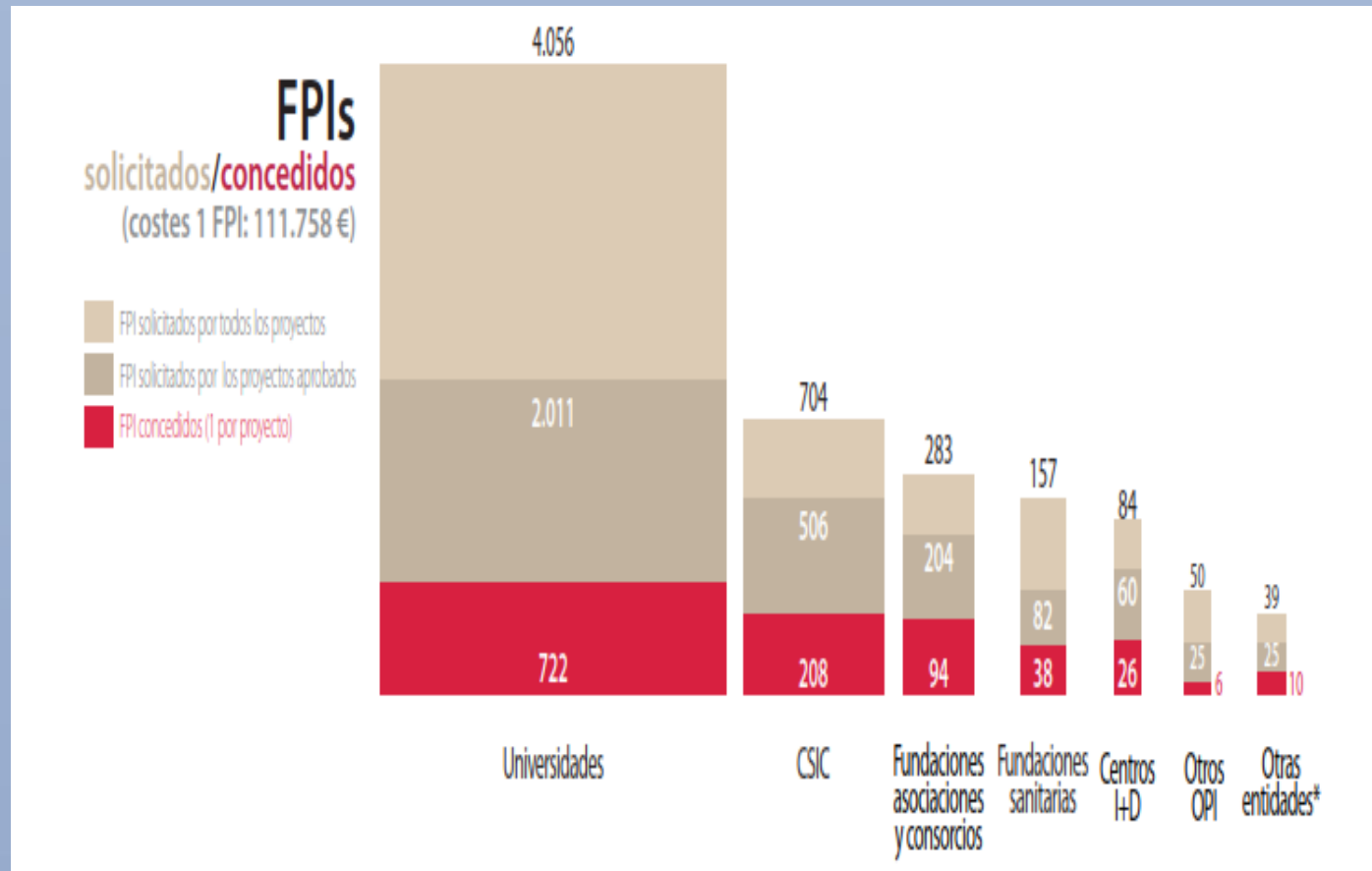
## Proyectos Generación de Conocimiento 2022 and universities

- 70% direct costs to universities (largest)
- 46% success rate in projects (medium)
- 176K€ per project (lowest)




# PID

## Proyectos Generación de Conocimiento 2022 in universities



## NEW 2023 PDC Chips

- Proof of concept call for:
  - Micro/nanoelectronic
  - Integrated photonic
  - Risc. V architectures
- Budget: 30.6 M€ (evaluation in progress)
- Financial scheme: Grant for research centres and universities



Plan de Recuperación,  
Transformación  
y Resiliencia

**PERTE**  
Chip  
Microelectrónica y  
Semiconductores

The image shows a dark blue rectangular graphic. In the top right corner, there is a logo for the 'Plan de Recuperación, Transformación y Resiliencia' featuring a stylized 'R' with a yellow star and a red star. Below this, the text 'PERTE Chip Microelectrónica y Semiconductores' is written in white. The word 'PERTE' is in a large, bold, sans-serif font. 'Chip' is in a smaller, bold, sans-serif font. 'Microelectrónica y Semiconductores' is in a large, bold, sans-serif font. To the left of the text is a stylized white icon of a microchip with circuit traces and pins.

# European and international programs

01 Participation in more than 50 programs

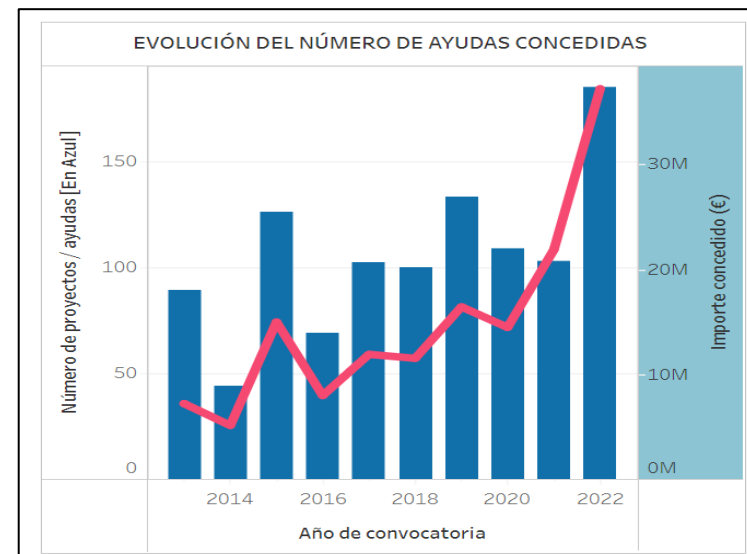
02 Most of the programs related to Horizon Europe

03 Collaborations beyond UE

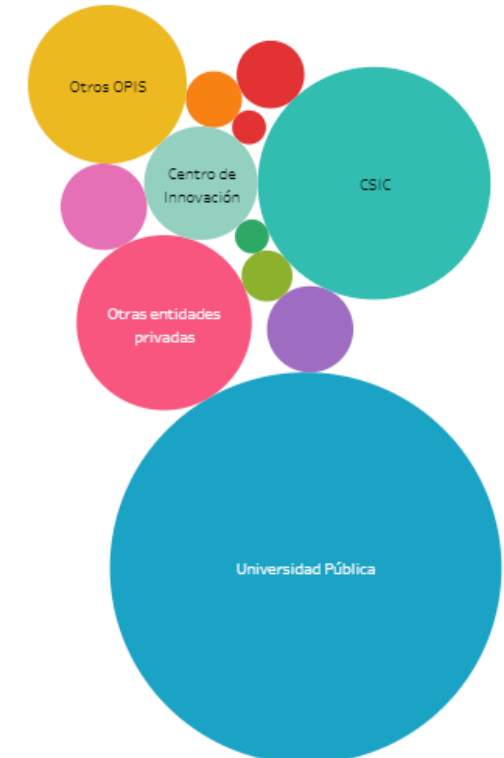
- CRCNS (NSF-NIH)
- EIG EU-CELAC
- CYTED
- EIG Concert Japan
- Bilateral with DFG
- WEAVE (in progress)

04 Public universities

- 490 projects, 535 ayudas



DISTRIBUCIÓN POR TIPO DE ENTIDAD BENEFICIARIA



# Calendar

## CALENDARIO PREVISTO DE LAS CONVOCATORIAS DE LA AGENCIA ESTATAL DE INVESTIGACIÓN

ACTUALIZADO NOVIEMBRE 2023



AÑO	CONVOCATORIA	APERTURA SOLICITUD	PROPUESTA RESOLUCIÓN PROVISIONAL	CONCESIÓN
PID2022	Proyectos Generación Conocimiento	ene.-23	jul.-23	nov.-23
RYC2022	Contratos Ramón y Cajal	ene.-23	sep.-23 <sup>+</sup>	dic.-23
JDC2022	Contratos Juan de la Cierva	ene.-23	sep.-23	nov.-23
PTA2022	Contratación Personal Técnico de Apoyo	ene.-23	sep.-23	dic.-23
PTQ2022	Contratación Torres Quevedo	ene.-23	sep.-23	dic.-23
DIN2022	Contratación predoctoral para la formación de doctores en empresas	feb.-23	sep.-23	dic.-23
CPP2022	Proyectos de colaboración público-privada	feb.-23	sep.-23	dic.-23
CR32023	Certificado R3	mar.-23	oct.-23	nov.-23
CEX2023	Centros de excelencia "Severo Ochoa" / "María de Maeztu"	abr.-23	dic.-23	mar.-24
EUR2023	Europa excelencia	abr.-23	oct.-23	nov.-23
GPE2023	Gestión de proyectos europeos y atracción de talento internacional	may.-23	nov.-23	dic.-23
ATR2023	Incorporación de talento consolidado "Programa ATRAE"	jun.-23	nov.-23	dic.-23
PLE2023	Proyectos en líneas estratégicas - Transmisiones	jul.-23	nov.-23	dic.-23
CNS2023	Consolidación Investigadora	jul.-23	nov.-23/dic.-23	feb.-24
PDC2023	Proyectos de «Prueba de Concepto» (PERTE CHIP)	sep.-23	ene.-24	mar.-24
PCI2023-2	Proyectos de colaboración internacional - 2	oct.-23	nov.-23 <sup>+</sup>	dic.-23
PTA2023	Contratación Personal Técnico de Apoyo	última semana noviembre 2023	sep.-24	nov.-24
PID2023	Proyectos Generación de Conocimiento	9 al 30 ene.-24	jul.-24	nov.-24
RYC2023	Contratos Ramón y Cajal	1ª quincena ene.-24	sep.-24 <sup>+</sup>	dic.-24
JDC2023	Contratos Juan de la Cierva	2ª quincena ene.-24	sep.-24	nov.-24
PTQ2023	Contratación Torres Quevedo	2ª quincena ene.-24	sep.-24	dic.-24
DIN2023	Contratación predoctoral para la formación de doctores en empresas "Doctorados Industriales"	2ª quincena ene.-24	sep.-24	dic.-24
CPP2023	Proyectos de colaboración público-privada	2ª quincena ene.-24	sep.-24	nov.-24

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# New AEI actions

- New evaluation procedures under discussion
- Use of AI collaboration to develop new tools
- WEAVE Initiative extended to CH, AT, B soon
- Agreements with NSF and DOE
- New MoUs
- ENTRELAZAR proposal – contacts with CO, AR, UY, CL and BR
- Improvements in the relationship with groups of researchers and managers
- Changes in “bases reguladoras”

- Advances in dissemination
- Follow-up of the Equality Plan
- TQ Event November 2023

**QUANTUM  
TECHNOLOGIES  
IN EUROPE**

**CONFERENCE**

**Madrid, 22-23 November 2023**

# New AEI actions

## Auditing (after LCTI)

- 01** Introduction of “Cuenta justificativa simplificada”  
  
Audit will be subject to a random selection, based on established risk  
  
Additional info will be required only on those items in the sample (if the project is randomly selected)  
  
Results will be extrapolated to the whole project
- 02** Other RPO (in the Spanish legal sense) will be able to audit their own projects under some conditions
- 03** External audit required for most other calls (other than projects)  
  
Reduction of intermediate reports in several calls.

# New AEI actions

- 01** Contributing actively to the new PEICTI for 2024-2027  
  
Clear budgetary plan for the next 4 years to implement the consolidation and growing path depicted in the LCTI  
  
New / consolidated lines of action
- 02** DA9 of the LECTI: AEI in charge of verifying the fulfillment of the 15% / 25% quota for R3/I3
- 03** New bylaw for the AEI  
  
“Contrato de gestión”  
  
Coordination with ANECA + other evaluation agencies for R3 and other matters  
  
Continue building mutual trust in the system

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# Thankyou

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