



AGÊNCIA NACIONAL
DE INOVAÇÃO



NATIONAL PARTICIPATION IN HORIZON 2020

PATRÍCIA CALADO



HORIZON 2020

Excellent Science
~ 24 400 M€

European Research Council

Frontier Research by the best individual teams

Future and Emerging Technologies

Collaborative research to open new fields of innovation

Marie Skłodowska-Curie Actions

Opportunities for training and career development

Research Infrastructures

(including e-infrastructure)
Ensuring access to world class facilities

Bottom up

Industrial Leadership
~ 17 800 M€

Leadership in enabling and industrial technologies

Space, ICT, NMBP

(*nanotechnologies, advanced materials, biotechnology, manufacturing*)

Access to Risk finance

Leveraging private finance and venture capital for research

Innovation in SMEs

Fostering all forms of innovation in all types of SMEs

Top down

European Innovation Council (EIC)

Pathfinder – *FET OPEN, FET PROACTIVE*

Accelerator – *SMEi2*

Bottom up

Societal Challenges
~ 29 700 M€

1. Health, demographic change and wellbeing

2. Food security, sustainable agriculture, marine and maritime research & the **bioeconomy**

3. Secure, clean and efficient energy

4. Smart, green and integrated transport

5. Climate action, environment, resource efficiency and raw materials

6. Inclusive, innovative and reflective societies

7. Security society

Top down

European Institute of Innovation and Technology (EIT) (~2700 M€)

Spreading Excellence and Widening Participation (~1900 M€)

Science with and for Society (~1600 M€)

Joint Research Centre (JRC)



HOW TO PARTICIPATE?



Individual

Grants - ERC

SME Instrument

Coordination and Support Actions (CSA)

Prizes

Elegibility conditions:

- 1 independent legal entity from a Member State or Associated Country
- European Impact

Collaborative projects

Marie Curie Actions

FET projects

Research and Innovation Actions (RIA)

Innovation Actions (IA)

FTI projects

Elegibility conditions:

- At least 3 independent legal entities from different Member States or Associated Countries
- European Impact

All kind of legal entities can participate (academia, companies, associations, civil society....) unless otherwise mentioned in the call topic



COSTS AND ACTIVITIES

Direct costs:

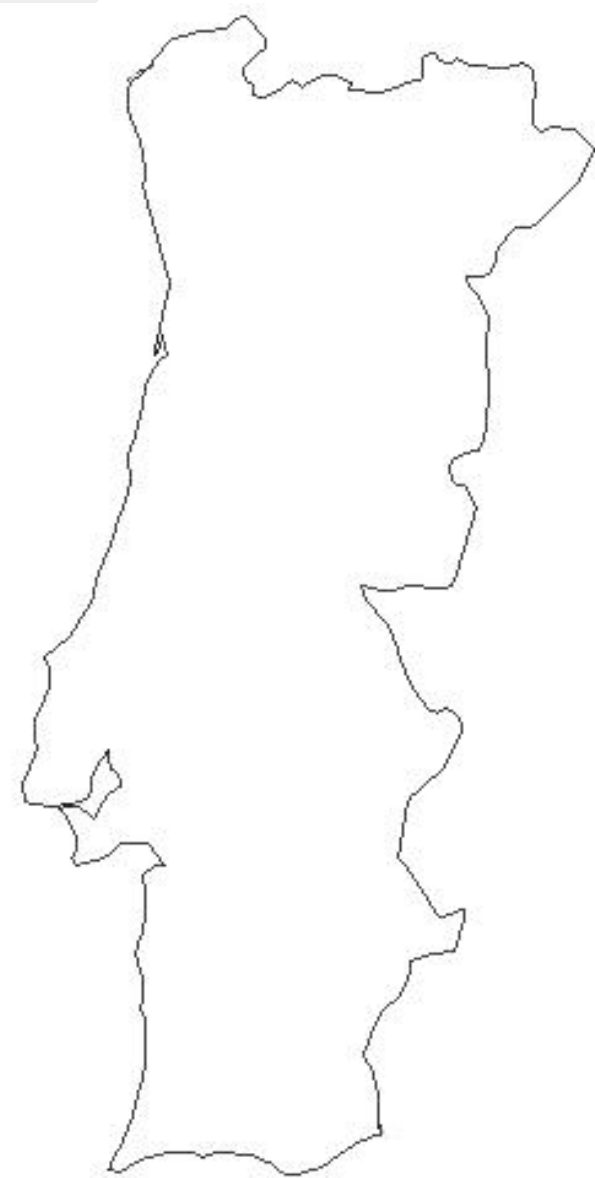
- Human Resources
- Travel
- Equipment (depreciation)
- Consumables



**Exception for non-profit organizations - 100%*



PORTUGAL IS A NET BENEFICIARY OF H2020



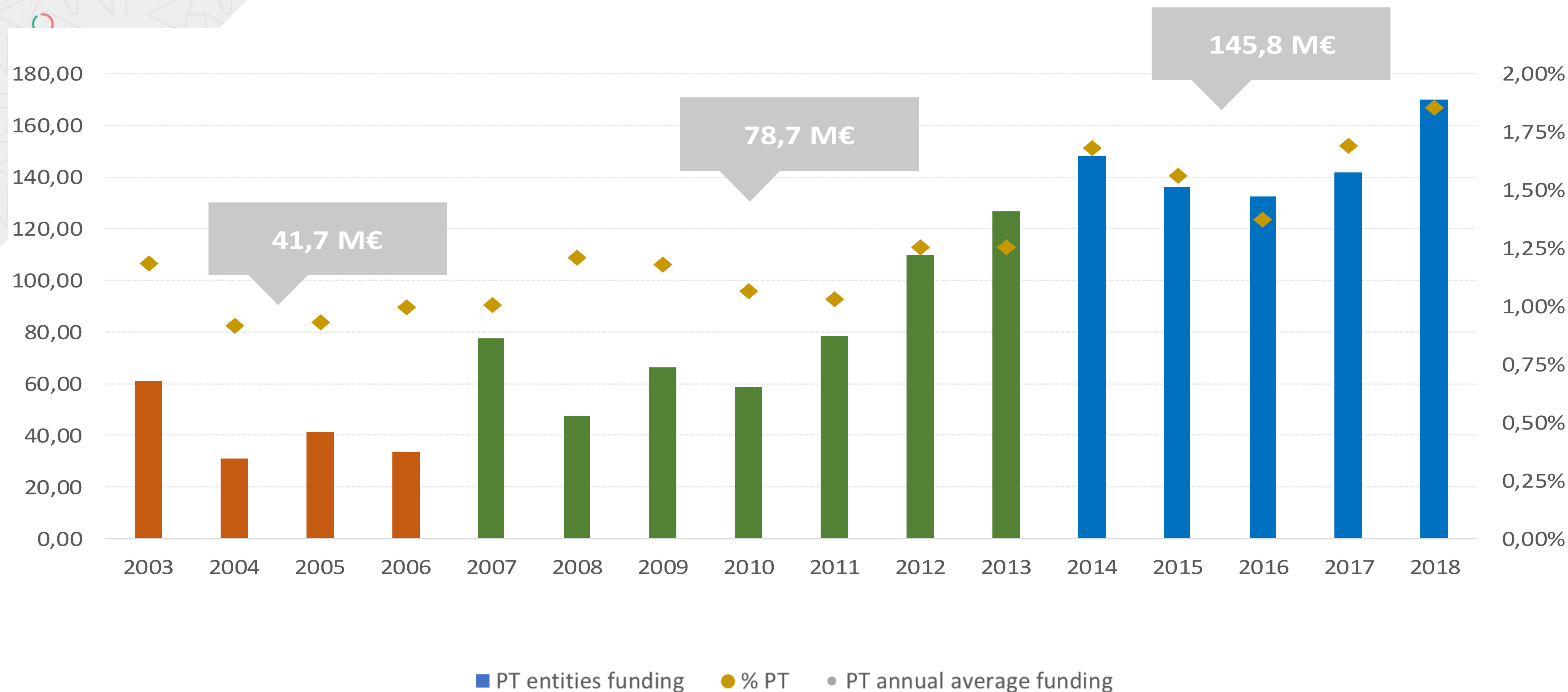
FP6	FP7	H2020
1,33%	1,31%	1,30%
1,01%	1,15%	1,65%



PT has been a net beneficiary since 2012, during the last 2 years of FP7.



PORTUGUESE PARTICIPATION





PT RESULTS 2014-2018

Proposals: 11334

Projects: 1618

Coordinated projects: 473

Participations: 2348

PT Funding :

% PT: 1,65

**728,91
M€**

Higher Education 198,1 M€

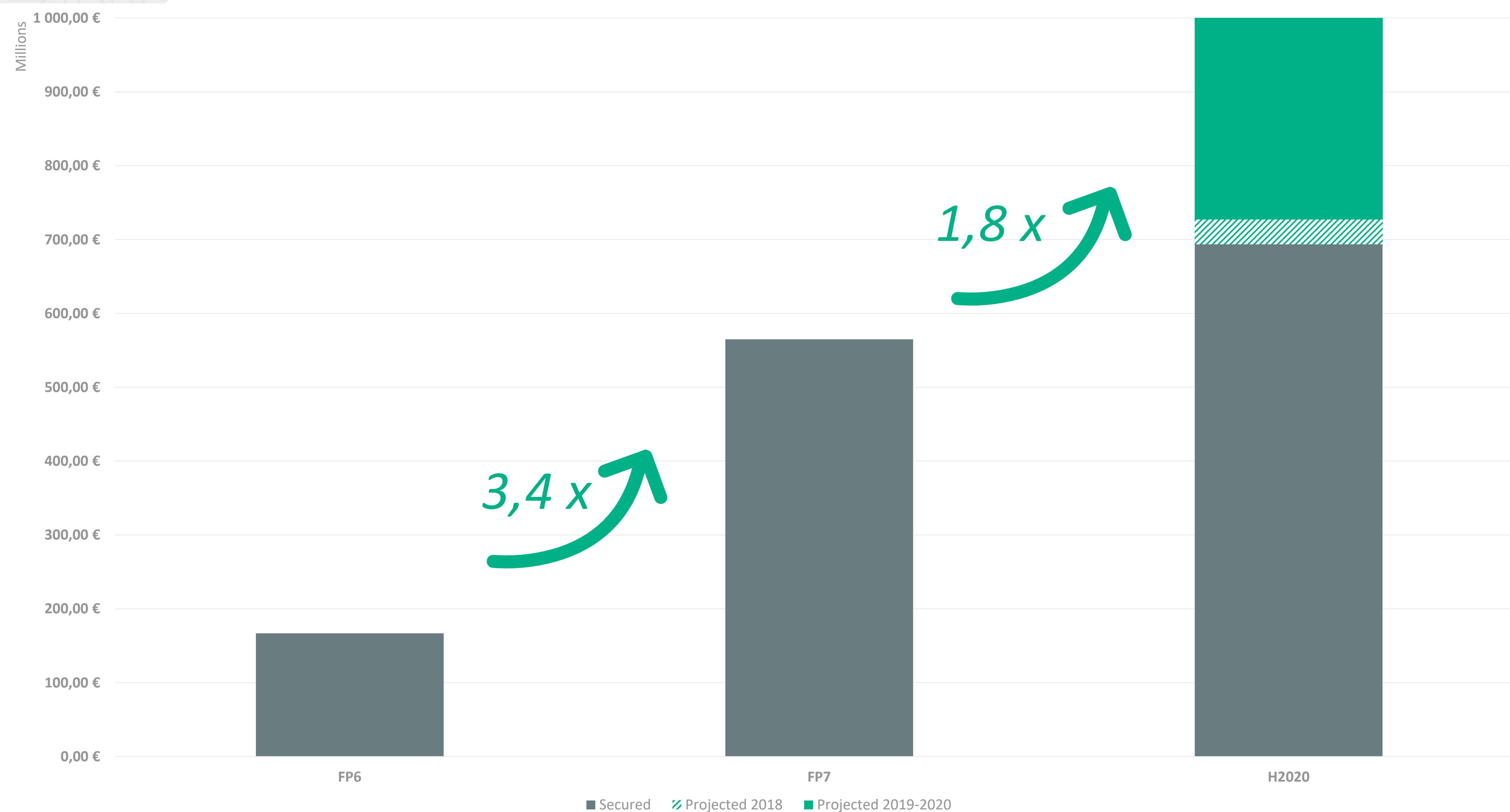
Research Centers 273,1 M€

Industry 193,8 M€

(SMEs : 117,9 M€)

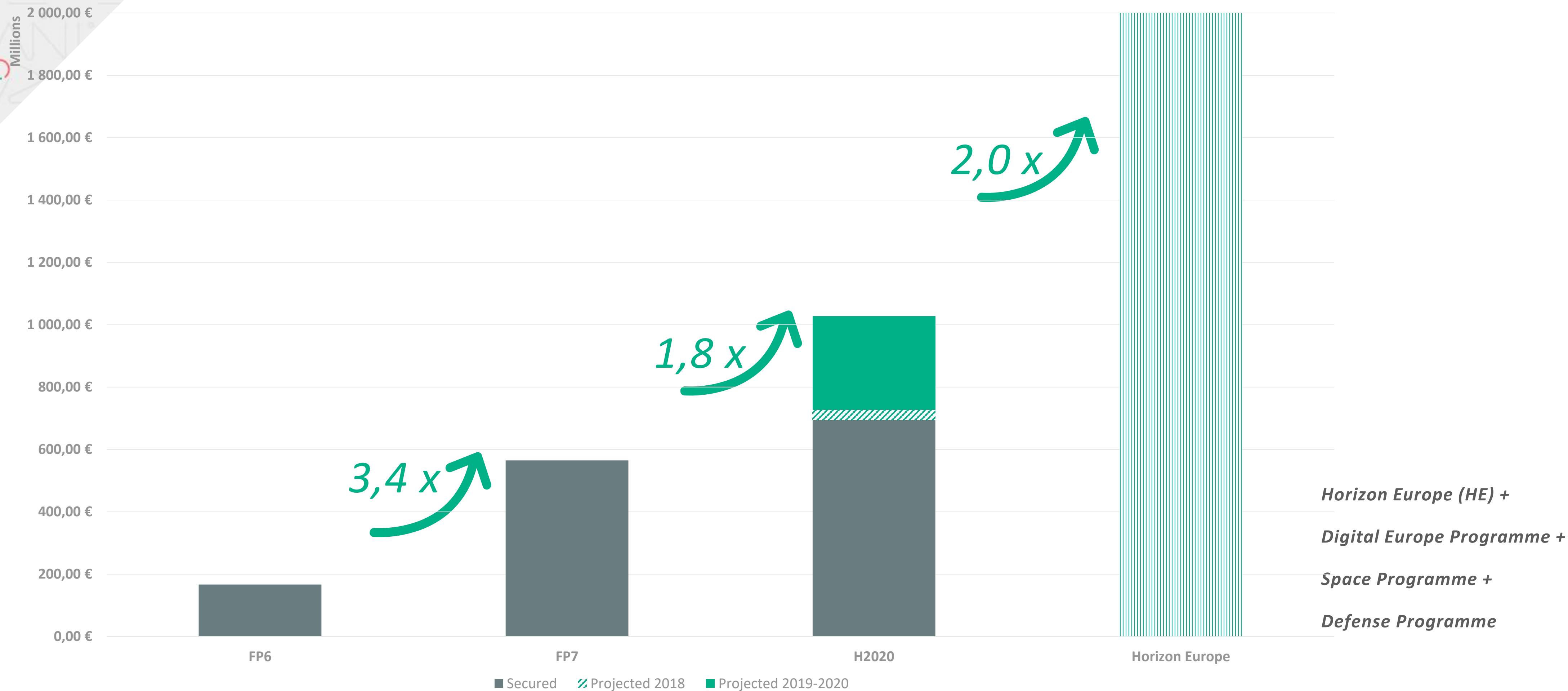


PT PROJECTION FOR 2020





PT PROJECTION FOR 2027

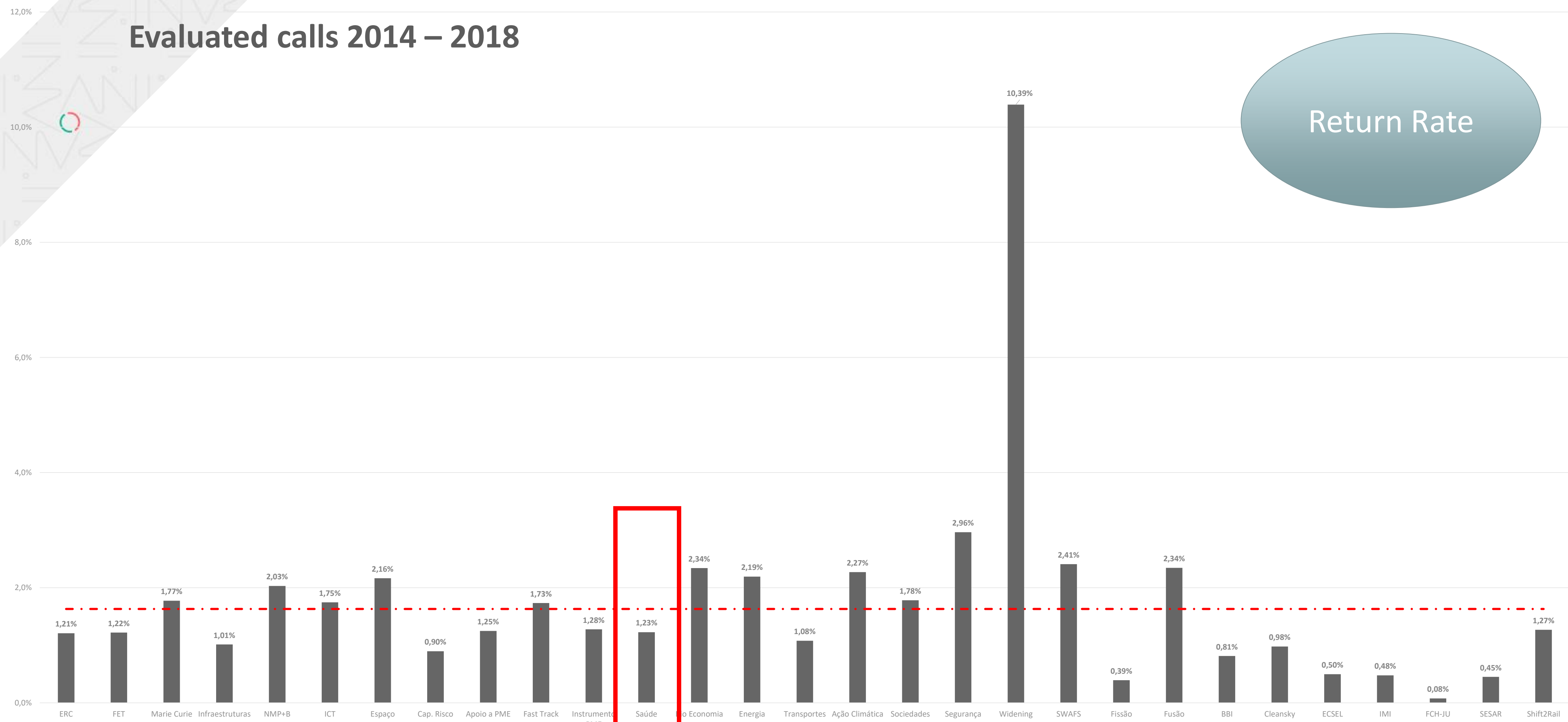




PT RESULTS BY THEMATIC AREA

Evaluated calls 2014 – 2018

Return Rate



1,65%



PT HEALTH RESULTS 2014-2019

Proposals: 574

Projects: 70

Coordinated projects: 4

Participations: 107

Financiamento:

32 M€

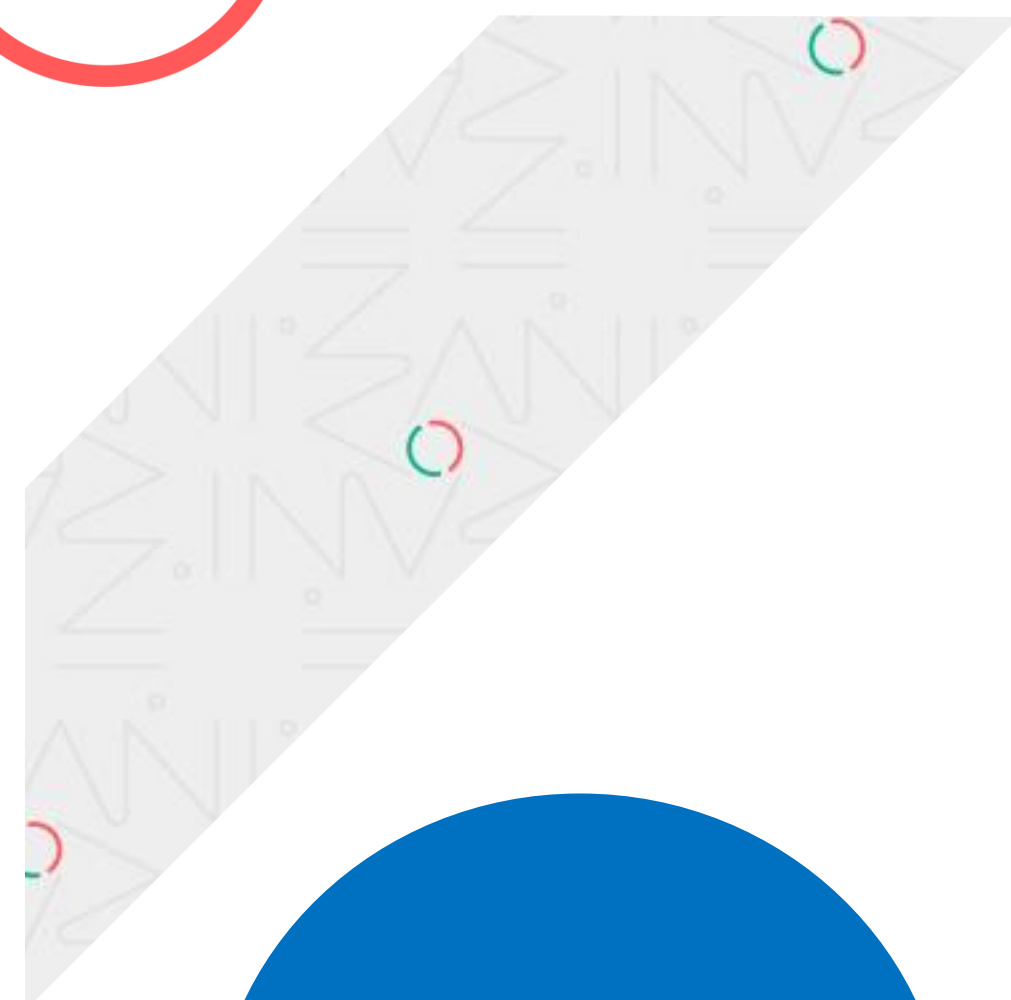
% Funding: 1,23

Success rate: 12,2% (EU 11,4%)



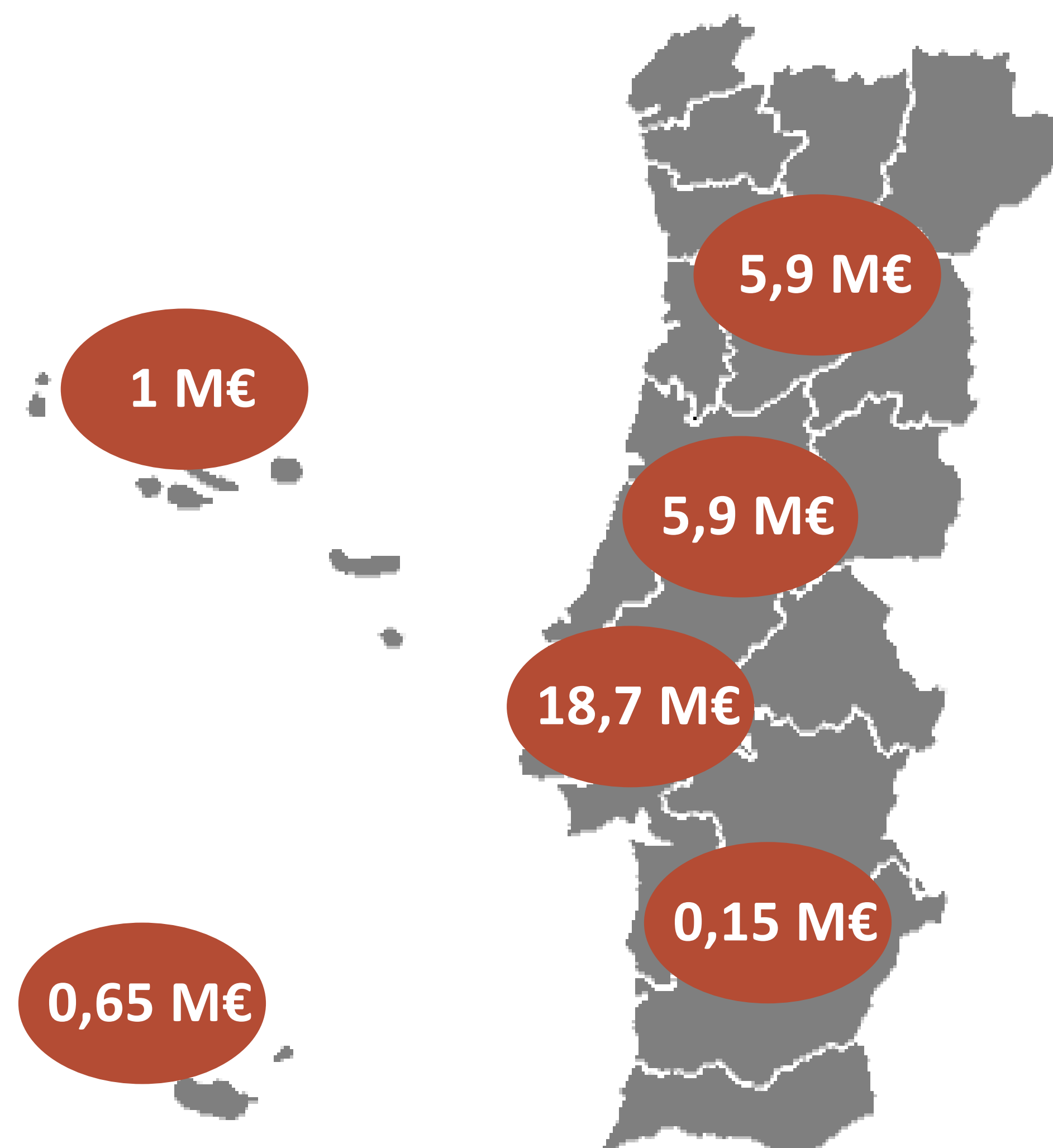


HEALTH FUNDING DISTRIBUTION



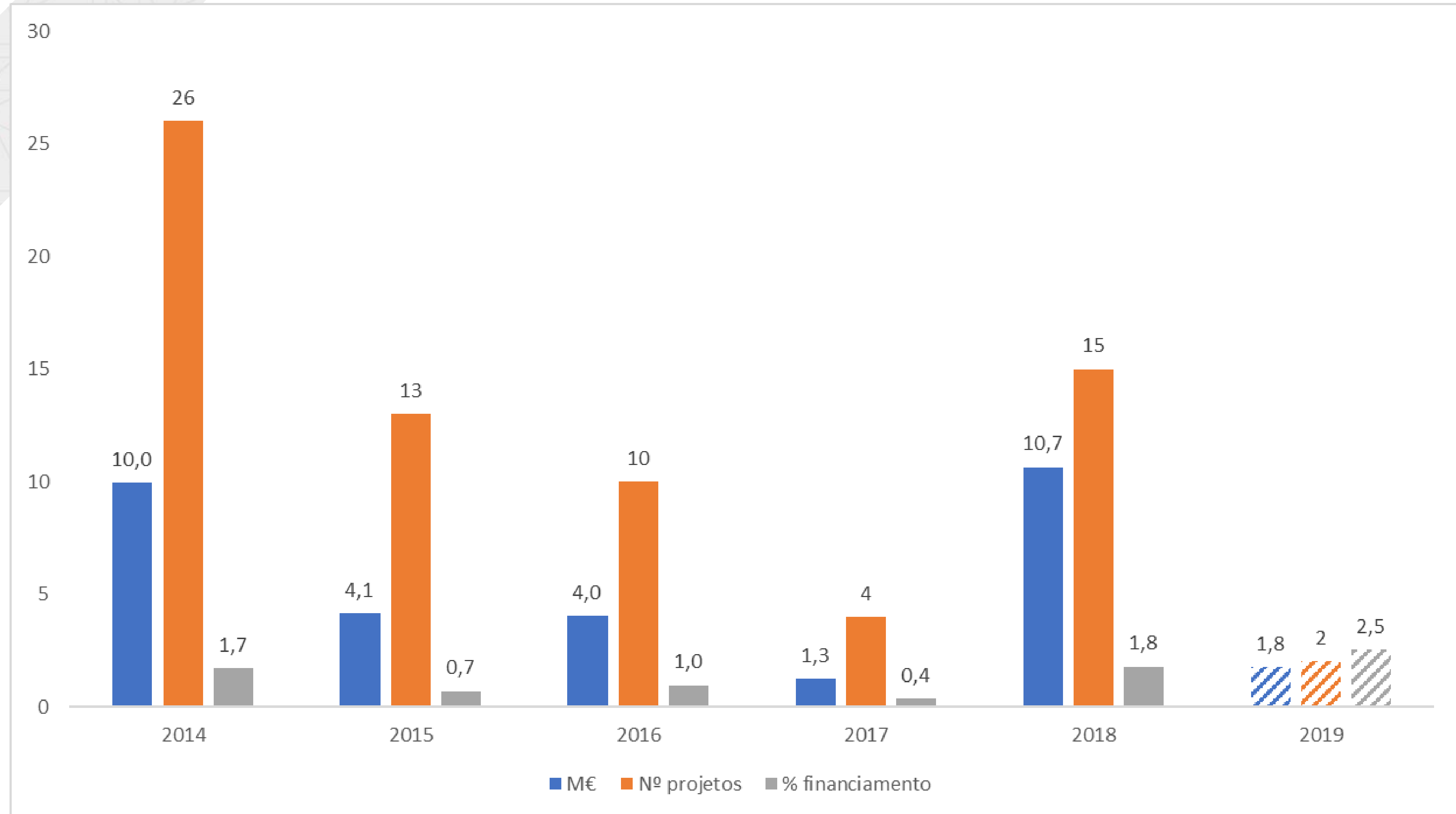
32 M€

Ensino Superior: 8,4 M€
Centros de I&D: 10,8 M€
Empresas: 6,7 M€ (PMEs : 5 M€)
Outros: 5,9 M€





PT HEALTH PARTICIPATION EVOLUTION





PT HEALTH TOP PLAYERS

Entidade	Nr. Participações	Nr. Coordenações
FCT	12	0
SPMS	6	0
UNL	5	0
UC	5	2
INESC TEC	4	0
INSA	4	0
SCMA	4	0
AIDFM	3	0
UP	3	0
ISPUP	3	0
CARITAS COIMBRA	3	0

Entidade	Contribuição H2020	Nr. Coordenações
UNINOVA	2 217 500,00 €	1
UC	1 988 013,75 €	2
IMM	1 979 977,46 €	1
FCT	1 793 792,06 €	0
INESC TEC	1 706 500,00 €	0
UNL	1 443 626,25 €	0
SRETC	1 049 500,00 €	0
AIDFM	1 031 395,31 €	0
ISPUP	988 325,00 €	0
SPMS	982 469,39 €	0
UP	926 990,38 €	0
IPATIMUP	910 162,50 €	0

INSA
SCMA
CARITAS COIMBRA

UNINOVA
SRETC
IPATIMUP

Academia

Setor Social

Hospitais?

Autarquias?

Institutos ID

Empresas?

Centros
Saúde?



PT HEALTH COORDINATORS



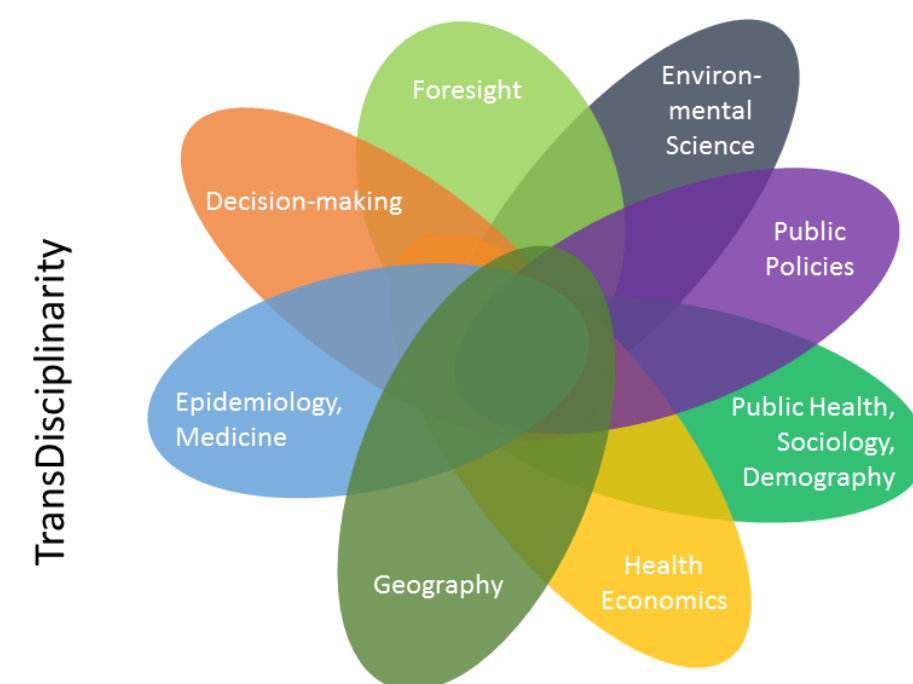
Shaping EUROpean policies to promote HEALTH equity

Instrument: RIA

Duration: 36 months

Total EC contribution: 2.999.482 €

POPULATION HEALTH APPROACH



GrowMeUp

Instrument: RIA

Duration: 36 months

Total EC contribution: 2.790.430 €

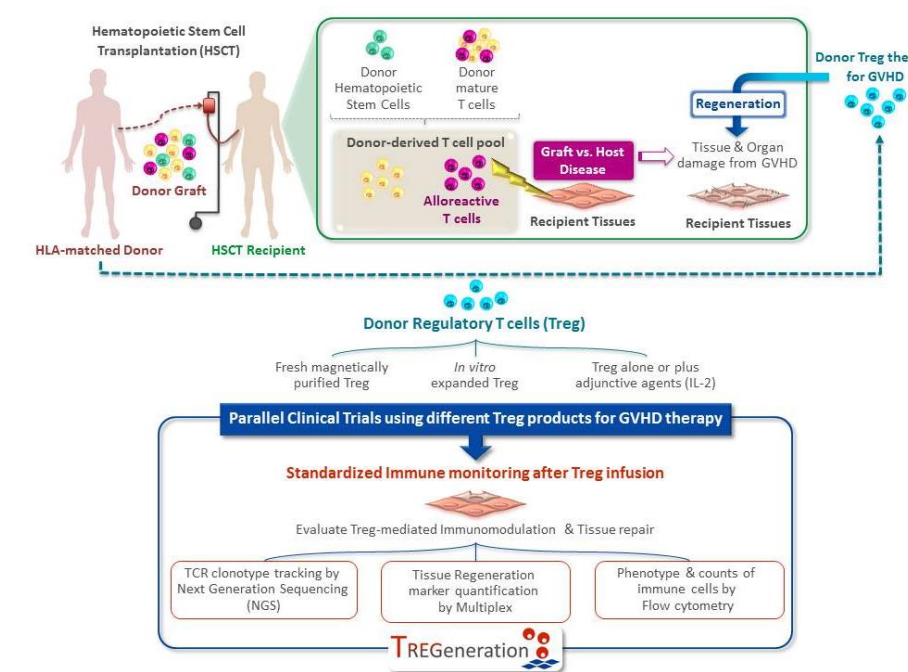


Repair of tissue and organ damage in refractory chronic graft versus host disease after hematopoietic stem cell transplantation by the infusion of purified allogeneic donor regulatory T lymphocytes

Instrument: RIA

Duration: 60 months

Total EC contribution: 5.899.250 €



Citizen-centred EU-EHR exchange for personalised health

Instrument: RIA

Duration: 49 months

Total EC contribution: 21.781.120 €





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Thank you!

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