



Gabinete de Promoção dos  
Programa Quadro ID&I

## *EURATOM - Fission*

**Programa de trabalho 2018**

INSA, 22/02/2018

Sofia Guedes Vaz

**Excellent Science  
(24.4 B €)**European Research  
Council  
(13.1 B €)Future and Emerging  
Technologies  
( 2.7 B €)Marie Skłodowska-Curie  
Actions  
( 6.1 B €)Research Infrastructures  
( 2.5 B €)**Industrial Leadership  
(17 B €)**LEIT = Leadership in  
enabling and industrial  
technologies

- ICT
- Nano, new materials
- Biotechnology
- Space

( 13.5 B €)

Access to Risk Finance  
( 2.9 B €)Innovation in SMEs  
( 0.6 B €)**Societal Challenges  
(29.7 B €)**Health  
(7.5 B €)Food  
(3.9 B €)Energy  
(6 B €)Transport  
(6.3 B €)Climate  
(3 B €)Inclusive Societies  
(1.3 B €)Security  
(1.7 B €)**Spreading Excellence (0.8 B €)****Science for Society (0.5 B €)****EIT (2.7 B €)****JRC (1.9 B €)****Euratom (1.6 B €)**

## Resumo da Participação no Horizonte 2020 ( 2014 – 2017)

	2014	2015	2016	2017	Total
Total de propostas apresentadas	35312	41600	40710	30160	147782
Propostas apresentadas PT	2208	2575	1981	1968	8732
Nº de participações PT	2996	3658	2634	2430	11718
Propostas coordenadas PT	816	861	736	655	3068
Total de projectos aprovados	5460	4646	5889	3006	19001
Projectos aprovados PT	<b>334</b>	<b>292</b>	<b>315</b>	<b>283</b>	<b>1224</b>
Nº de participações PT	479	428	466	390	1763
Projectos coordenados PT	79	85	98	70	332

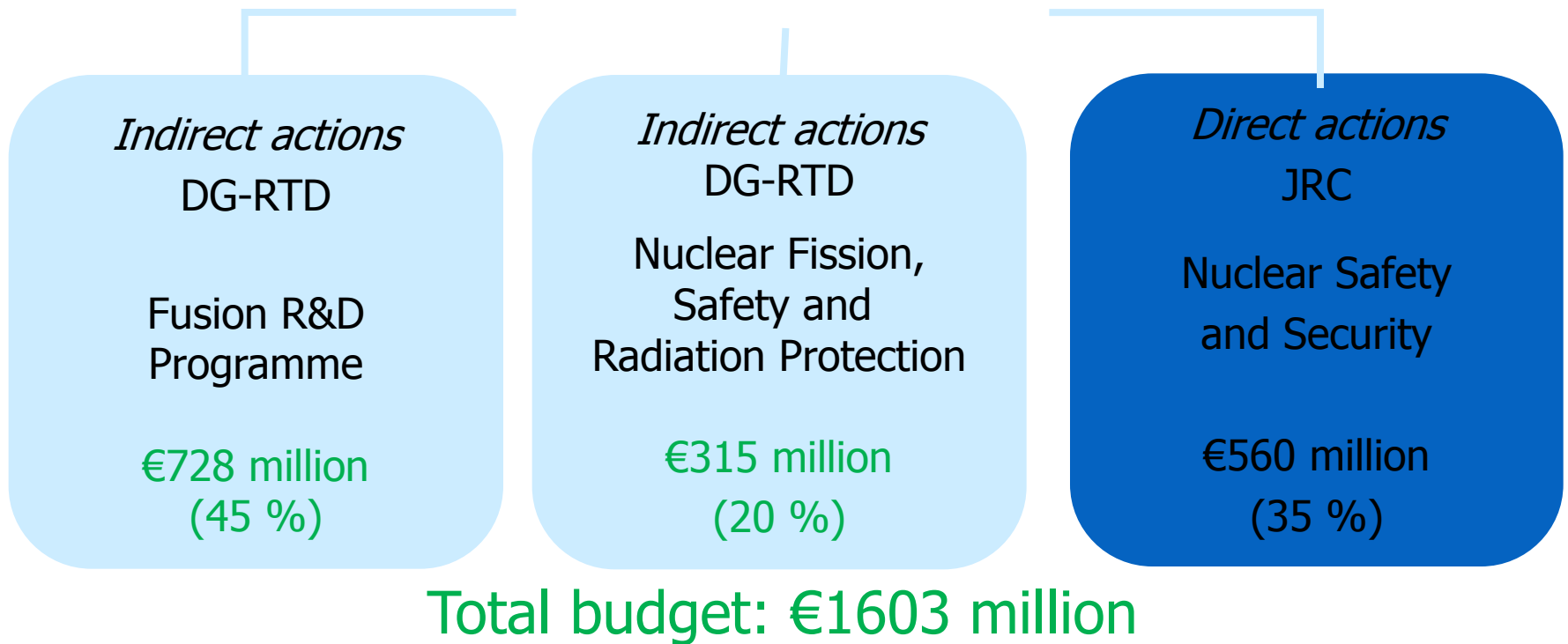
HORIZONTE 2020	2014	2015	2016	2017	Total
Financiamento Total (M€)	8819	8687	8936	7397	33839
Financiamento PT (M€)	149	136	131	125	541
Percentagem Portugal	1,69%	1,56%	1,47%	1,69%	1,60%
Taxa de sucesso p/ nº de propostas Total	15%	11%	14%	10%	13%
Taxa de sucesso p/ nº de propostas PT	15%	11%	16%	14%	14%

# Euratom Programme

# Budget

## Euratom Programme (2014-18) complementing H2020

→ Council Regulation of 16 December 2013



ITER (2014-2020): €2915 million in current values

The EURATOM Research and Training Programme 2014-2018 is the European programme for funding research and training in nuclear safety, radiation protection, waste management and fusion.

The Euratom Programme aims at the continuous improvement of:

- nuclear safety and the management of radioactive waste,
- advances our understanding of the effects of ionising radiation on humans and the environment.
- the optimisation of the use of radiation in medical applications.

# **ORÇAMENTO DOS WP EURATOM**

Work Programme 2014-2015

88 Millions €

Work Programme 2016-2017

105 Millions €

**Work Programme 2018**

**68 Millions €**



**WP 2018**

# WP EURATOM 2018: CALENDÁRIO DA CALL 2018

Publicação  
*Work  
Programme*  
2018

Abertura  
da Call

Fecho  
da Call



**ORÇAMENTO 6880 milhões €**

# WP2018 tem 7 secções e 11 tópicos e um orçamento de 68.800.000 Euros

- NUCLEAR SAFETY (5)
- DECOMMISSIONING AND ENVIRONMENTAL REMEDIATION (1)
- RADIOACTIVE WASTE MANAGEMENT (1)
- EDUCATION AND TRAINING (1)
- RADIATION PROTECTION (2)
- INNOVATION IN NUCLEAR SAFETY (1)
- FUSION RESEARCH (1)

	Type of Project	Budget each project in M Euros	Total Budget M Euros
<b>A. Nuclear Safety</b>			
NFRP-2018-1: Safety assessments to improve accident management strategies for Generation II & III reactors	RIA	2,1 – 3,2	6,40
NFRP-2018-2: Model development and safety assessments for Generation IV reactors	RIA	1,75 – 3,5	3,50
NFRP-2018-3: Research on the safety of Light Water Small Modular Reactors	RIA	1,75 – 3,5	3,50
NFRP-2018-4: Improved nuclear data for energy and non-energy modelling applications	RIA	1,75 – 3,5	3,50
<b>B. Decommissioning and environmental remediation</b>			
NFRP-2018-5: Development of a roadmap for decommissioning research aiming at safety improvement, environmental impact minimization and cost reduction	CSA	1,1 - 1,4	1,40
<b>C. Radioactive waste management</b>			
NFRP-2018-6: European Joint Research Programme in the management and disposal of radioactive waste	Co-fund EJP	32,5	32,50
<b>D. Education and Training</b>			
NFRP-2018-7: Availability and use of research infrastructures for education, training and competence building	CSA	1 - 2	4,00
<b>E. Radiation Protection</b>			
NFRP-2018-8: Radiation protection research	RIA	5 - 7	7,00
NFRP-2018-9: Strategy for the exploitation of research results funded under EURATOM Research and training Programmes in the field of radiation protection	CSA	0,4 – 0,5	0,50
<b>F. Innovation in nuclear safety</b>			
NFRP-2018-10: Encouraging innovation in nuclear safety for the benefit of European citizen	IA	2,25 – 4,5	4,50
<b>G. Fusion research</b>			
NFRP-2018-11: Open data access for fusion research	CSA	1 – 2	2,00

# WORK PROGRAMME

## CADA TÓPICO

- **Specific Challenge**
- **Scope**
- **Expected Impact**

**LER, RELER E DEPOIS RELER  
OUTRA VEZ**

# Types of Actions

- **Research and Innovation (RIA)** – basic and applied research; generation of new knowledge or evaluation of the viability of new technologies
- **Innovation Action (IA)** – projects focused on innovation
- **Coordination and Support (CSA)** - conception studies, measures for standardization, dissemination, coordination, communication, support and dialogue
- **European Joint Programme (Cofund – EJP)**

# NUCLEU 2020

## PRO-ACTIVE NETWORK OF EURATOM NCP

- Facilitate trans-national co-operation between National Contact Points (NCPs) on Nuclear Fission and Radiation Protection
- Identifying and sharing good practices
- Raising the general standard of support to programme applicants
- Promoting and facilitating participation in Horizon 2020 EURATOM Programme

**CONSORTIA:** APRE (Italy, coordinator); IPPT (Poland); EKT/NHRF (Greece); ETAg (Estonia); FCT (Portugal); TC AS CR (Czech Republic); CVTI SR (Slovakia); GFMO (Bosnia and Herzegovina)

# **PARTNER SEARCH TOOL**

NUCLEU 2020 IS ASSOCIATED WITH ANOTHER NCP NETWORK  
ON ENERGY:

**C-ENERGY 2020**

**<http://www.partnersearch.c-energy2020.eu/>**

ON THEIR WEBSITE THERE IS A **SEARCH PARTNER TOOL**, FOR  
ENERGY AND EURATOM CLIENTS

YOU NEED TO CONTACT THE NCP FROM YOUR COUNTRY AND  
THEY WILL VALIDATE YOUR REGISTRATION



## ***ON THIS WEBSITE YOU MIGHT REGISTER AS:***

***Partner Offer*** - Researchers who offer their research expertise and who would like to collaborate in possible project consortia

OR

- ***Partner Search*** - Researchers or consortia with a definite idea for a project who are looking for other partners to complement the expertise scope of the consortium

# Apply to be an evaluator



<http://ec.europa.eu/research/participants/portal/desktop/en/experts/index.html>

To know H2020 rules

To contact your NCP

To research previous projects

To be aware of existing platforms

To be able to get partners



EURATOM NCP

SOFIA GUEDES VAZ

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SEMPRE, SEMPRE DISPONÍVEL