



Gabinete de Promoção dos
Programa Quadro ID&I

Oportunidades de financiamento de I&I

V Congresso de Proteção Contra Radiações da Comunidade dos Países de Língua Portuguesa

Sofia Vaz | Anabela Carvalho
Coimbra, 10 Março 2016



Gabinete de Promoção do Programa Quadro ID&I

FCT

Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR



AGÊNCIA NACIONAL
DE INOVAÇÃO





NCP – National Contact Points Portugal Todas as áreas do Horizonte 2020



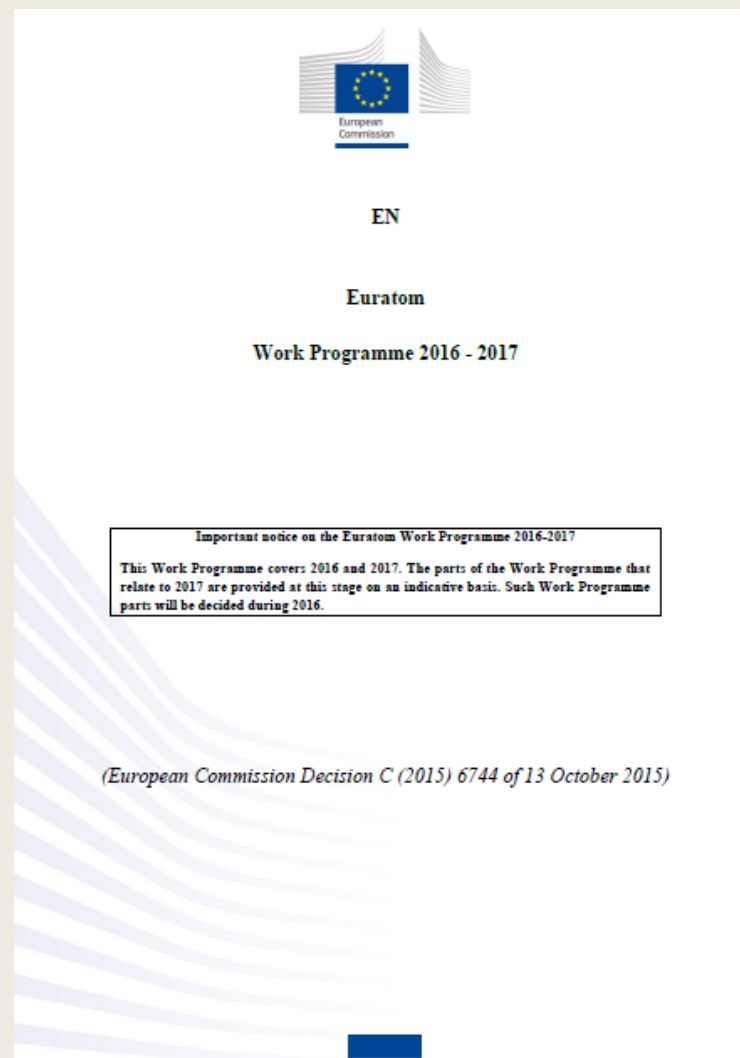
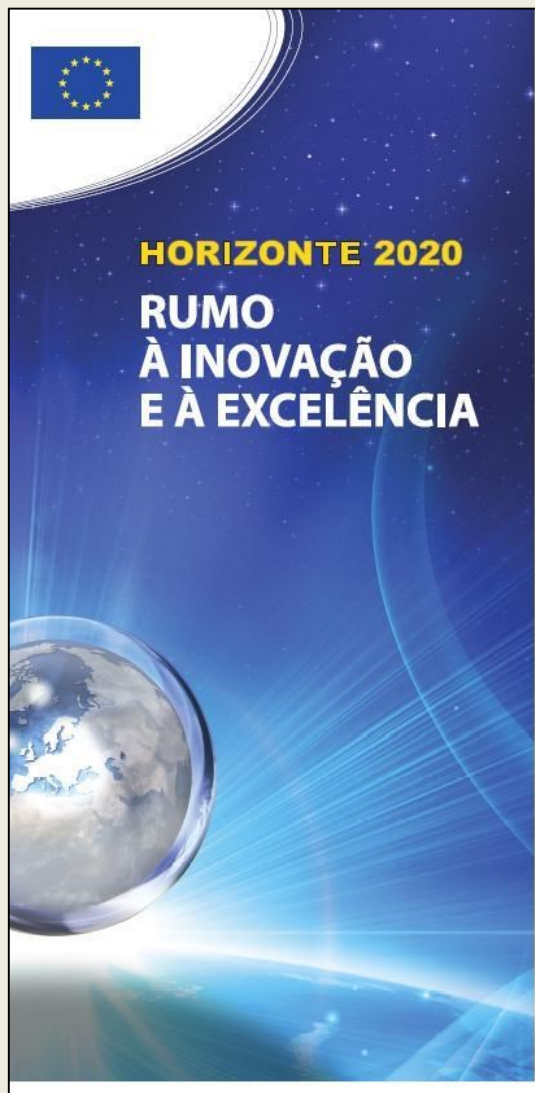
Mandato do GPPQ

- Promoção da participação portuguesa no HORIZONTE 2020
- Veículo de informação entre a Comissão Europeia e as entidades nacionais
- Apoio à participação nacional (participação nas redes europeias, divulgação, formação, etc.)
- Acompanhamento da participação nacional nos projectos em curso
- Coordenação da rede de **Pontos de Contacto Nacionais** (NCP)
- *Helpdesk*



NCP- National Contact Points para HORIZONTE 2020





Important notice on the Euratom Work Programme 2016-2017

This Work Programme covers 2016 and 2017. The parts of the Work Programme that relate to 2017 are provided at this stage on an indicative basis. Such Work Programme parts will be decided during 2016.

(European Commission Decision C (2015) 6744 of 13 October 2015)



Gabinete de Promoção do Programa Quadro ID&I



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 €)

EURATOM WORK PROGRAM 2016 – 2017

- Orçamento disponível – 105 Milhões de Euros
- A Call estará aberta de 11 Maio a 5 Outubro de 2016
- Seis Secções:
 - A. Support safe operation of nuclear systems
 - B. Contribute to the development of solutions for the management of radioactive waste
 - **C. Foster radiation protection**
 - D. Management of research reactor availability in Europe
 - E. Support the development of nuclear competences at EU level
 - F. Fission/fusion cross-cutting actions



Topic Reference	Title of Topic	Type of Project	Budget MEuros
Support Safe Operation of Nuclear Systems			55.45
NFRP 1	Continually improving safety and reliability of Generation II and III reactors	RIA	2-5
NFRP 2	Research on safety of fast neutron Generation – IV reactors	RIA	2-5
NFRP 3	Investigating the safety of closed nuclear fuel cycle options and fuel developments	RIA	2-5
NFRP 4	Research on the safety of small modular reactors	RIA	2-5
NFRP 5	Materials research for Generation IV reactors	RIA	2-5
Contribute to the Development of Solutions for the Management of Radioactive Waste			18.89
NFRP 6	Addressing key priority R&I issues for the first-of-the-kind geological repositories	RIA	2-4
NFRP 7	Research and innovation on the overall management of radioactive other than geological disposal	RIA	2-4
NFRP 8	Pan-European knowledge sharing and development of competence in radioactive waste management	CSA	1-2
Foster Radiation Protection			9.00
NFRP 9	Impacts of low dose radiation exposure	RIA	8-10
Management of research reactor availability in Europe			7.70
NFRP 10	Support for the optimised use of European research reactors	CSA	0,5-1
NFRP 11	Support for the EU security of supply of nuclear fuel for research reactors	RIA	4-6
Support the development of nuclear competences at EU level			6.00
NFRP 12	Support for careers in the nuclear field	CSA	2-3
Fission/fusion cross-cutting actions			8.00
NFRP 13	Fission/fusion cross-cutting research in the area of multi-scale materials modelling	RIA	2-3
NFRP 14	Cross-cutting support to improved knowledge on tritium management in fission and fusion facilities	RIA	3-5



Tipos de Acções:

- **Research and Innovation (RIA)** – basic and applied research; generation of new knowledge or evaluation of the viability of new technologies (100%)
- **Coordination and Support (CSA)** - C&S networks; conception studies measures for standartization, dissemination, coordination, communication, support and dialogue (100%)

NFRP 9: Impacts of low dose radiation exposure (RIA)

General Objectives:

- better understanding of the effects of low-dose ionising radiation on human health
- reinforced cooperation between the medical and nuclear sectors in this area
- improve the science base for recommendations to decision-makers and practitioners in the respective sectors, including for optimisation of radiation protection in medical imaging
- **EC contribution:** 8-10 M€; up to one project to be financed



C - FOSTER RADIATION PROTECTION

- Os networks e plataformas existentes são fundamentais em todo este processo:
- **MELODI, ALLIANCE, EURADOS, NERIS, EAMN, EFOMP, EFRS, ESR, ESTRO, CONCERT**



FP7 Projects on Radiation Protection

ALLEGRO

CEREBRAD

NERIS-TP

DETECT

DoReMi

PROCARDIO

TENEB

EPI-CT

RENEB

ANDANTE

EpiRadBio

SOLO

STAR

https://ec.europa.eu/research/energy/euratom/publications/pdf/euratom_fp7_research_&_training_projects_volume_3.pdf



Gabinete de Promoção do Programa Quadro ID&I



FCT É PARTE DE UMA REDE DE NCP DE VÁRIOS
PAÍSES DE FORMA A POTENCIAREM EM
CONJUNTO O SEU TRABALHO NA AJUDA QUE DÃO
ÀS COMUNIDADES DE INVESTIGAÇÃO.

A REDE DE NCP EURATOM INTITULA-SE
NUCLEU 2020

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

PARTNER SEARCH TOOL

NUCLEU 2020 ESTÁ ASSOCIADA COM OUTRA REDE DE NCP
EM ENERGIA:

C-ENERGY 2020

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

E ESTA REDE DISPONIBILIZA UMA
PARTNER SEARCH TOOL,
PARA POTENCIAIS CANDIDATOS DE ENERGIA OU EURATOM

É preciso contactar o NCP para validarem o vosso registo



Gabinete de Promoção do Programa Quadro ID&I

FCT

Fundação para a Ciência e a Tecnologia
MINISTÉRIO DA CIÊNCIA, TECNOLOGIA E ENSINO SUPERIOR



AGÊNCIA NACIONAL
DE INOVAÇÃO



OBRIGADA PELA VOSSA ATENÇÃO

SOFIA GUEDES VAZ - SOFIA.VAZ@FCT.PT
ANABELA CARVALHO – ANABELA.CARVALHO@FCT.PT
TEL + 351 21 3917649



Gabinete de Promoção do Programa Quadro ID&I

