



#Euratom

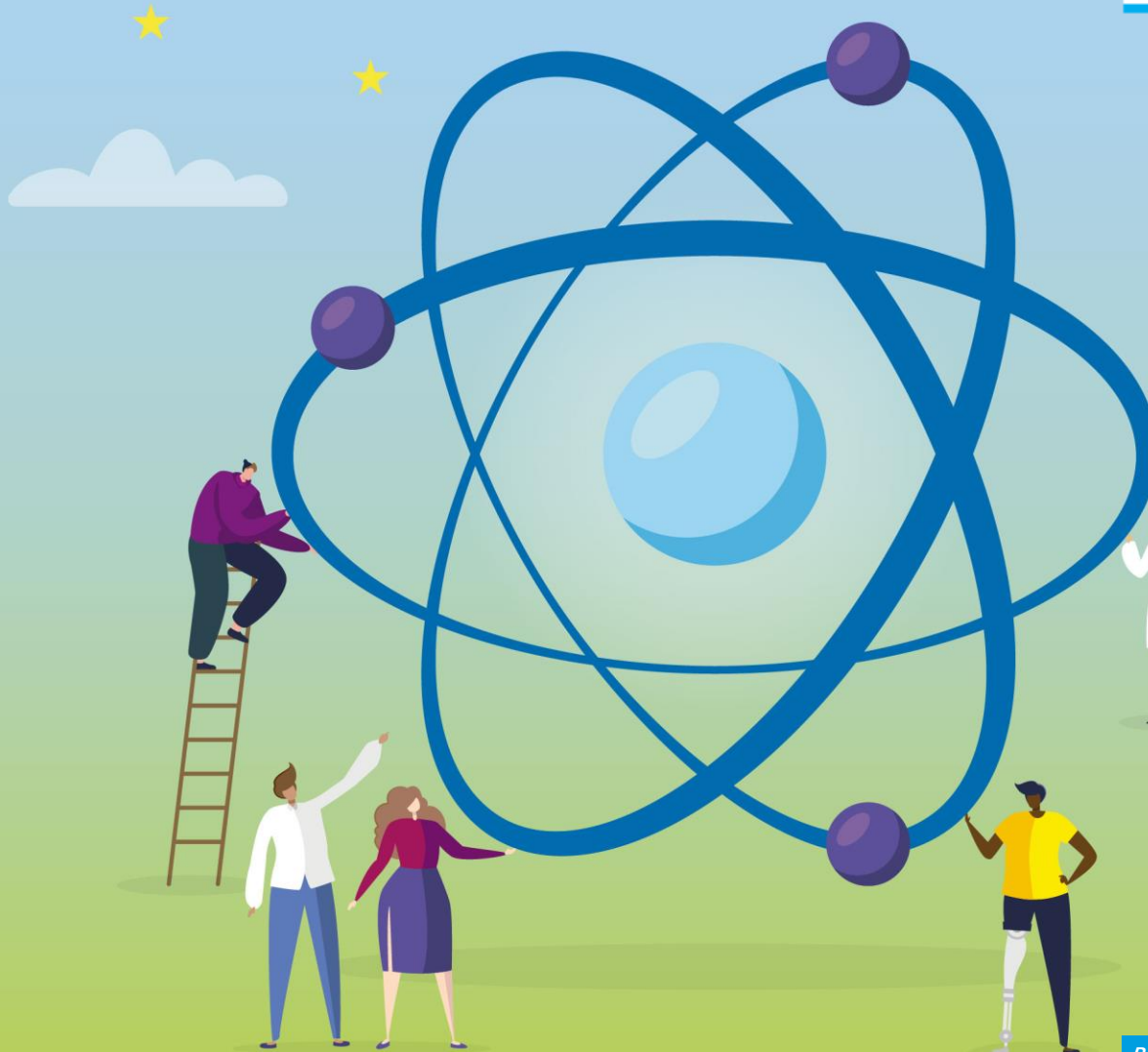
EURATOM Research and Training Programme

2021 – 2025

KATEŘINA PTÁČKOVÁ

EURATOM 2021 Info Day
16th of July 2021

*Research and
Innovation*



Research infrastructure, education & training and socio-economic issues



European Facility in Nuclear Research (Topic 12)

The action shall:

- Provide **transnational access** for researchers or research teams from MS and AS to European and international **state-of-the-art nuclear research infrastructures** in other countries in order to **advance research** in all areas (except fusion).
- Establish framework and set of common rules for the **future sustainable operation of a network** of ‘Euratom user facilities’.

Active participation of major infrastructure operators **is required**.

Support scheme should operate by **open calls**.

International cooperation is encouraged (support of intl. researchers is possible if researchers from Euratom MS have equivalent access to their infrastructures).

Towards a European nuclear competence area (Topic 13) (1)

With the ultimate goal to contribute to the availability of sufficient and skilled staff in the EU, the action shall:

- build a **comprehensive pan-European E&T program** in the areas related to the use of nuclear and ionizing radiation technologies, based on previously developed activities
- provide a **detailed analysis** of national strategies, E&T and knowledge management programs in terms of supply (academia) and demand (end-users)
- focus on **attracting new talents** as well as tackle fragmentation of **training opportunities**
- Include a **mobility scheme** as integral part of the action

Towards a European nuclear competence area (Topic 13) (2)

- build a long-term career perspectives, thus involve Human Resources specialists
- bring together teachers, academia, operators, regulators, teaching and training organisations, industrial and non-industrial suppliers, end users of nuclear and ionising radiation technology

International cooperation and mobility exchange beyond Euratom **is encouraged**, particularly with international organisations and institutions from third countries with the most advanced nuclear research programmes.

Socio-economic issues related to nuclear technologies (Topic 14)

The action shall:

- examine total costs of nuclear energy and make the comparison of costs for different energy technologies
- analyze possible contribution of nuclear energy to EU climate neutrality by 2050, covering also other energy needs than electricity generation and addressing energy supply to a wide range of sectors;
- identify and assess societal, cultural and ethical dimensions of the use and development of nuclear technologies
- develop recommendations for mechanisms of interaction between citizens, civil society, decision-makers and researchers as well as provide input to research how European citizens perceive the risks, benefits and potentials of advanced and innovative technologies

Support to Euratom National Contact Points (Topic 15)

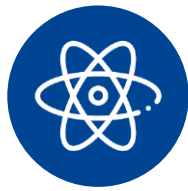
The action will:

- support a consortium of National Contact Points (NCPs) in research and training areas covered by the Euratom Programme
- facilitate trans-national co-operation between NCPs with a view to identifying and sharing good practices and raising the general standard of support to Programme applicants

Only national support structures (e.g. NCP) responsible for Euratom Programme and officially nominated to the Commission are eligible.

Nuclear Innovation Prize & SOFT Prize





Nuclear Innovation Prize

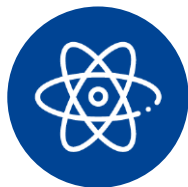
- Encourage European researchers to pursue excellence across a broad range of nuclear sciences and technologies
- Two categories of the Prize:
 - Nuclear Innovation Prize in safety of reactor systems
 - Nuclear Innovation Prize in radioactive waste management

1 st Prize	50 000 €
2 nd Prize	30 000 €
3 rd Prize	20 000 €

More information:

https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/prizes/nuclear-innovation-prize_en

- **Open for applications from 28 July till 20 October 2021**



SOFT Prize

- Encourage European researchers to pursue excellence across a broad range of nuclear sciences and technologies, possibly with wider applications, to the huge challenges of fusion
- The name SOFT stands for Symposium on Fusion Technology – the conference where the prize is awarded

1 st Prize	50 000 €
2 nd Prize	30 000 €
3 rd Prize	20 000 €

More information:

https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/prizes/soft-innovation-prize_en

- **Open for applications from 15 September till 18 January 2022**