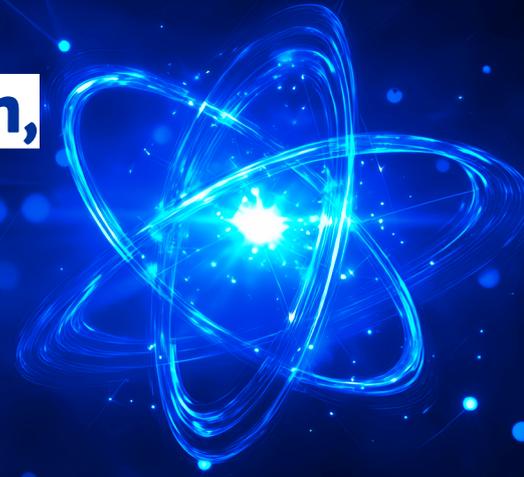


Advancing Safety, Innovation, Fusion Energy, and Talents

Euratom Research in 2026-2027



February 2026

What is the Euratom Research and Training Programme?

The Euratom Research and Training Programme is the EU's main instrument for advancing key safety research, innovation and training in nuclear technologies. Complementing Horizon Europe, the Programme supports the European goals of carbon-neutrality by 2050, strategic energy security and technology leadership.

As mandated by the Euratom Treaty, the Euratom Research and Training Programme is planned in five-year work programmes with an extension of two years to align with the EU's seven-year budget cycle.

The 2026-2027 work programme of the Euratom Research and Training Programme has a budget of EUR 330 million EUR, broken down as follows:

- **EUR 222 million for indirect actions in fusion research and development**
- **EUR 108 million for indirect actions in nuclear fission, safety and radiation protection**

Indirect actions are research activities implemented through European co-funded partnerships and multi-partner consortia. In addition, the European Joint Research Centre is also undertaking research activities in nuclear fission; the direct actions.

What are the Programme's key objectives?

The key objectives of the Euratom Research and Training Programme are:



Fusion energy:

Support the development of fusion energy as a future breakthrough source of electricity.



Nuclear safety and radiation protection:

Increase safety, security and safeguards for current and future nuclear technologies, in their power and non-power applications.



Skills and expertise:

Develop and attract high-level nuclear skills and expertise within the EU to ensure a strong and sustainable flow of talent.



What is new in 2026-2027 Euratom Work Programme for nuclear research and training?



Fusion Energy Initiatives:

PUBLIC-PRIVATE PARTNERSHIP:

The 2026-2027 Euratom Work Programme is supporting the setting up of a new European public-private partnership (PPP) on fusion energy. This initiative enables industry and startups to play a direct role in fusion research, aiming to develop essential technologies for future fusion power plants while fusion science progresses within the EUROfusion partnership.

SUPPORT FOR STARTUPS AND SMEs:

The Programme is also including initiatives to advance EU fusion startups and scale-ups, offering backing for the European Innovation Council's (EIC) Fusion Challenge. It aims to facilitate access to private investment and technical development support.



Skills and Talent Development:

EXPERTISE AND WORKFORCE MOBILITY:

Initiatives focus on developing nuclear expertise and attracting talents to the EU, as well as promoting mobility within the EU of nuclear skilled workforce. Ukrainian researchers are also encouraged to integrate the European Research Area.



Safety Research & Innovation:

LONG TERM OPERATIONS, SMRs AND AMRs:

The Programme is committed to ensuring research and innovation for the safe long term operation of existing nuclear power plants, future Small Modular Reactors (SMRs), advanced reactors, and nuclear fuels.

RADIATION PROTECTION, WASTE MANAGEMENT AND NUCLEAR MATERIALS:

Research and innovation efforts are reinforced by partnerships PIANOFORTE, EURAD2 and CONNECT-NM, enhancing radiation protection, safe waste management and nuclear materials.

NUCLEAR MEDICINE:

The Programme aligns with EU initiatives to combat cancer by advancing nuclear medicine research, including for a stable supply of medical radioisotopes in Europe.

FOR MORE INFORMATION:

[Euratom Research and Training Programme](#)



Publications Office
of the European Union



Luxembourg: Publications Office of the European Union, 2026
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ISBN 978-92-68-37342-2

doi: 10.2777/4481545

KI-01-26-027-EN-N