

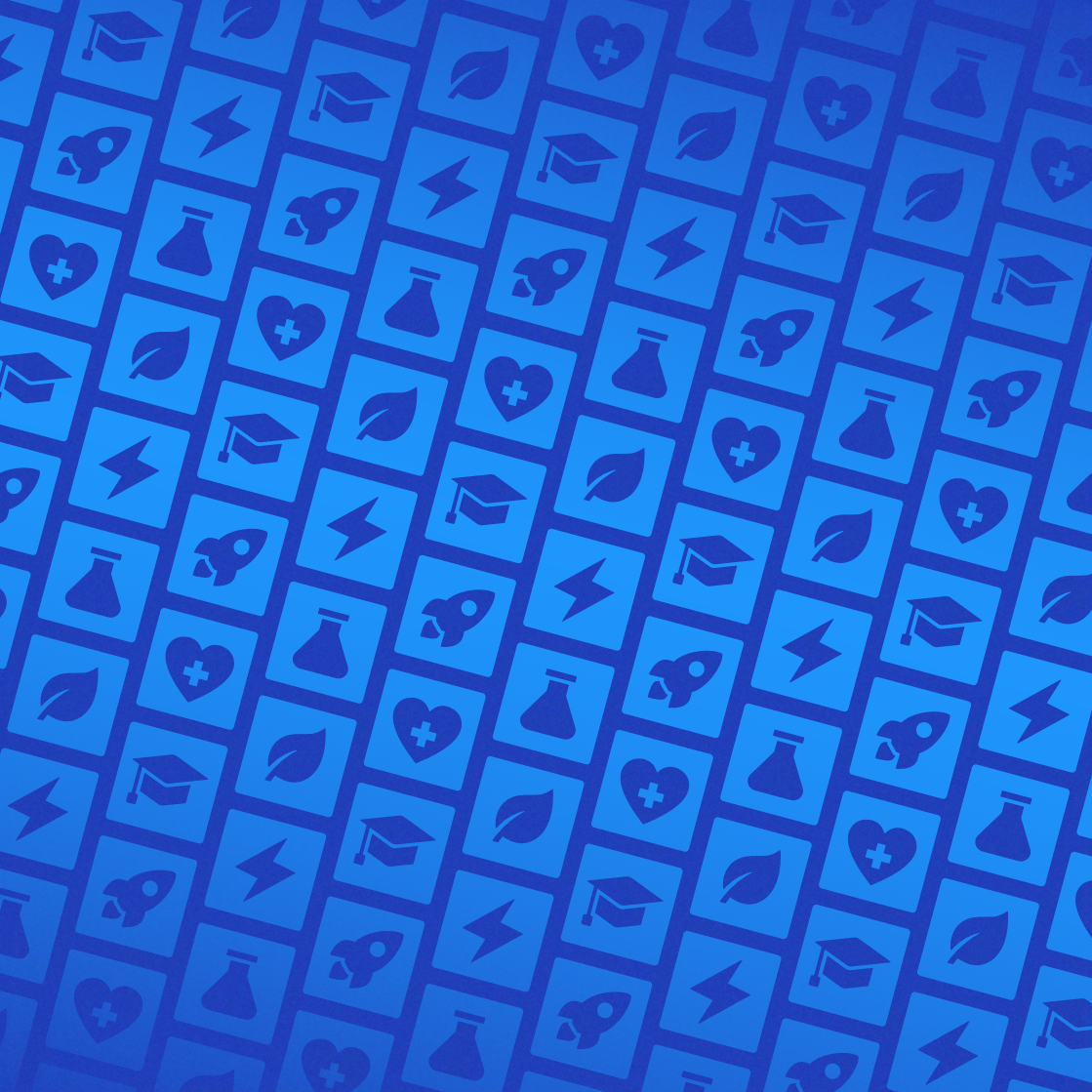
APRENDE

Addressing PRIorities of Evaluated
Nuclear Data in Europe

**ENHANCING NUCLEAR DATA
FOR EUROPE'S FUTURE**

ABOUT

APRENDE enhances the accuracy of nuclear reaction and decay data. This is essential for simulation tools used in both nuclear energy (fission and fusion) and non-energy applications, including health, geosciences, radiation protection, and space research. By addressing high-priority needs such as spent nuclear fuel management, advanced reactor technologies, and criticality safety, **APRENDE** will support innovation and enhance safety measures. **APRENDE** also emphasizes capacity building by equipping the workforce with the skills needed to address future challenges in nuclear science.



OBJECTIVES



Enhance the accuracy of nuclear data for modelling and simulation tools



Identify and address gaps in nuclear data for safety and innovation



Support applications in energy, health, space, and industry

EXPECTED IMPACTS

APRENDE will provide a comprehensive roadmap for improving nuclear data, enabling safer, more sustainable technologies. By addressing Europe's highest priorities, the project aims to position the EU as a leader in nuclear science and its applications.

APRENDE is a 48-month project funded by the European Union under the EURATOM programme and coordinated by the Centre for Energy, Environmental and Technological Research (CIEMAT) in Spain.



JOIN US

Discover how **APRENDE** supports safety, innovation, and sustainability in nuclear science

 [APRENDE-PROJECT.EU](https://www.aprende-project.eu)



Funded by
the European Union

Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Atomic Energy Community ('EC-Euratom').