

IFIGENEIA

Innovative Facility for Isotope GENERation with Efficient Ion Accelerator

Mission

- **Advance LINAC technology** to enable safer, more reliable, and cost-effective radioisotope production.
- **Catalyse scientific excellence and healthcare innovation** through cross-border collaboration across the Balkans and Europe in general.
- **Empower regional capacity** to meet growing demands for radiopharmaceuticals and improve patient care.

Project Duration

2025-2029

Geographical Focus

Together, we are establishing a sustainable platform for radiopharmaceutical production, training, and innovation across the Balkans and Europe in general.

Main Hubs

- Greece** LINAC design, Beam dynamic studies, Beam parameters and HW specifications, Safety and radiation protection requirements, Small scale LINAC prototype, Pilot in health and culture.
- Slovenia** Controls, Lab condition development, Isotopes identification, Ligands investigation, Pilot pre-clinical studies.
- Cyprus** Exploitation strategies, Business plan, Investment plan, Private equity.

Mentorship for Western Balkans

- Bosnia and Herzegovina** Support for future excellence hubs: Mentoring activities, Knowledge transfer.

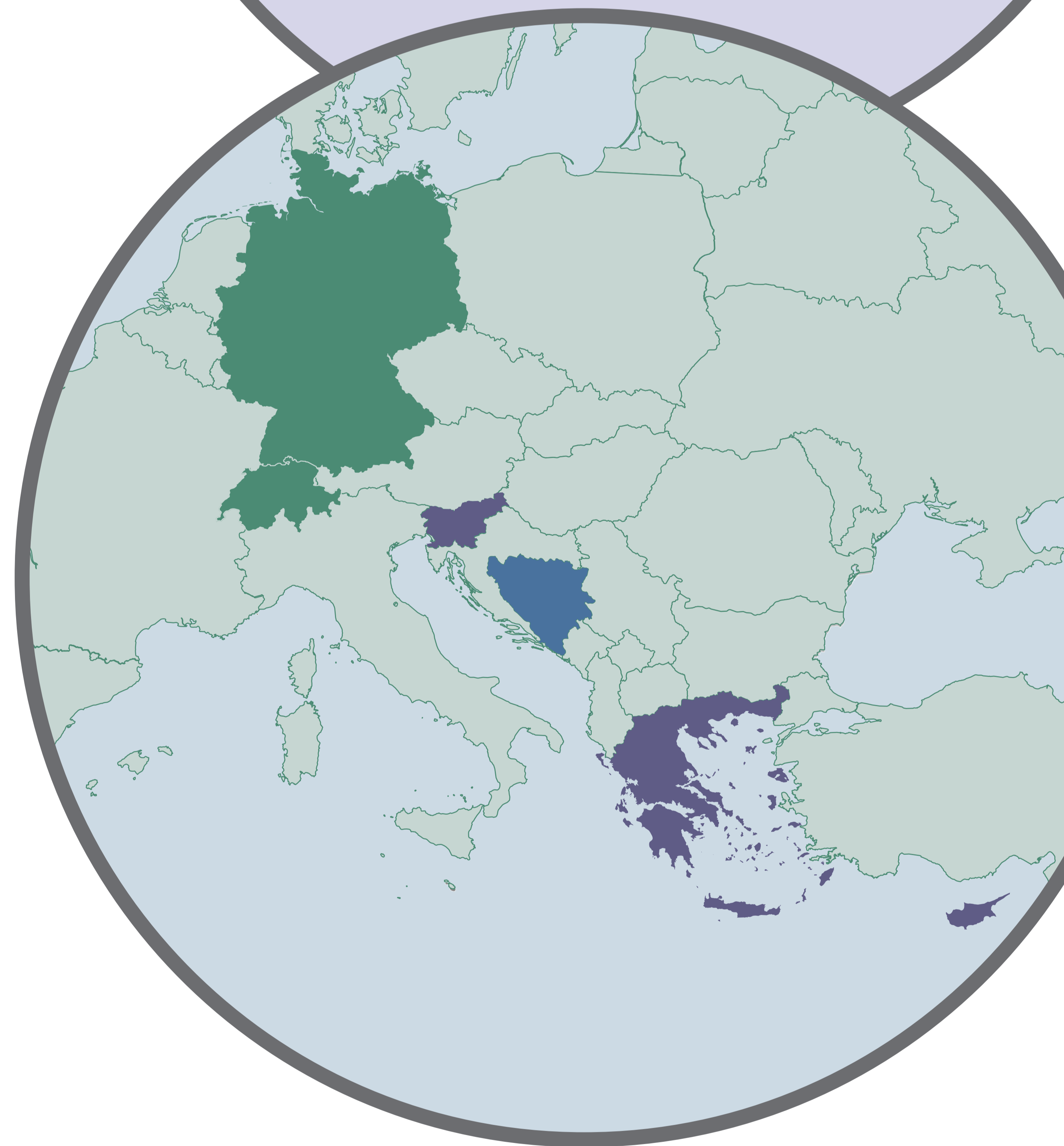
International collaboration

- CERN, DKFZ, GSI** Ensuring scientific excellence and regional impact.

A European collaboration to advance medical imaging and cancer therapy.



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Over 20 partners



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