19/06/2026

PRESS RELEASE

IFIGENEIA fosters health innovation synergies

The IFIGENEIA team participated in the Open Ecosystem Event “Central Macedonia as a Digital Health Experimentation Hub”, organised within the framework of the European project UNITE European Digital Health Valleys. The event highlighted the importance of collaboration among complementary European health innovation initiatives and the creation of connected ecosystems that accelerate research, technology transfer and healthcare innovation.

The participation of the IFIGENEIA team in the Open Ecosystem Event “Central Macedonia as a Digital Health Experimentation Hub”, organised within the framework of the European project UNITE European Digital Health Valleys, provided an opportunity to exchange knowledge and explore synergies among initiatives that contribute to the broader landscape of healthcare innovation.

The Region of Central Macedonia (RCM), as a partner in both the IFIGENEIA and UNITE projects, actively supports the development of collaborative innovation ecosystems that bring together research organisations, public authorities, businesses and other key stakeholders.

The IFIGENEIA (Innovative Facility for Isotope GENeration with Efficient Ion Accelerator) project aims to establish a European excellence ecosystem in nuclear medicine by developing an innovative and sustainable approach for the production of radioisotopes through advanced accelerator technologies. By connecting universities, research centres, healthcare organisations, public authorities and industry partners, IFIGENEIA seeks to strengthen European capabilities in medical research, diagnosis and treatment applications.

Although addressing different fields of healthcare innovation, IFIGENEIA and UNITE share a common vision: strengthening European ecosystems where research, technology, entrepreneurship and public authorities collaborate to create long-term impact. While IFIGENEIA focuses on advancing nuclear medicine and related research infrastructures, UNITE promotes the development of interconnected European Digital Health Valleys through cooperation among regions, research organisations, companies and other stakeholders.

The exchange of experiences during the Open Ecosystem Event highlighted the value of building bridges between European initiatives with complementary objectives. Such synergies can enhance knowledge sharing, support the development of new solutions and contribute to stronger regional and cross-border innovation ecosystems in healthcare.

For the Region of Central Macedonia, fostering innovation in health remains a strategic priority. Through initiatives such as IFIGENEIA, RCM contributes to the advancement of cutting-edge scientific capabilities,

the creation of new knowledge networks and the development of sustainable opportunities that generate scientific, economic and societal impact.

More information

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About project

The IFIGENEIA Project aspires to introduce, develop and deliver the complete design study and the precise business plan for the implementation of the LINear ACcelerator (LINAC) technology in radiation therapy, diagnostic and theragnostic (a treatment that combines therapeutics with diagnostics) procedures in Europe. The objective of the IFIGENEIA project is to create the complete design and implementation study for a cutting-edge LINAC facility in the Balkans. This will be achieved by establishing Excellence Hubs in Greece, Slovenia, and Cyprus. These hubs will be dedicated to developing and implementing a LINAC-based facility capable of producing a diverse range of marketable radioisotopes for medical, industrial, and research applications. LINAC technologies offer a unique, compact, cost-effective, and environmentally friendly solution for sustainable production, management, accessibility, and promotion of nuclear medicine and molecular imaging technologies. Unlike current radioisotope production methods, mostly reliant on older nuclear reactors using highly enriched uranium with associated concerns about global availability, safety, and environmental issues, or on cyclotrons limited to a narrow range of radioisotopes, LINACs enable the production of a broader range due to their tunability in energy, targets, and currents.

Partners

Funded by the European Union

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 European Research Executive Agency. Neither the European Union nor the granting authority can be held responsible for them. Grant Agreement No: 101186921.