



**Innovative Facility for Isotope GENeration with Efficient Ion Accelerator**



**Tina Vodopivec**

**Kick-off meeting**

3-4 March 2025

Thessaloniki, Greece



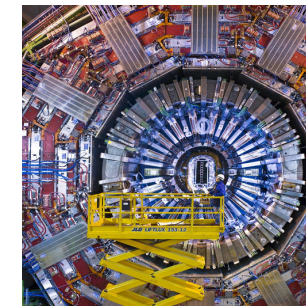
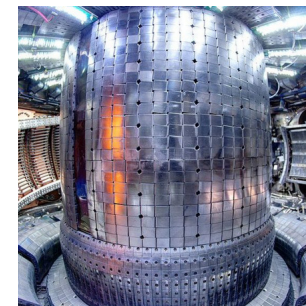
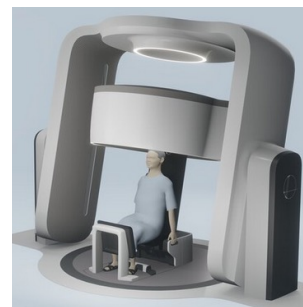
This project has received funding from the European Union's Horizon Europe Framework Programme for Research and Innovation under grant agreement no 101186921.



IFIGENEIA



- The leading provider of **turnkey software solutions and electronics** for the world's most complex, precise and advanced systems
- **20+ years** of experience
- Global team of **200 highly skilled developers and engineers**
- Exceptional **expertise and innovation**
- Established processes, **ISO certified and IEC compliant**
- HQ in Slovenia, EU; subsidiaries **worldwide**



**400+**  
successful  
projects



**20+ years** of  
experience & know-  
how



**300**  
skilled engineers



**5 locations**  
worldwide



**50%** scientific  
and **50%** in  
medical market



**30+ PhD**  
holders from  
STEM fields

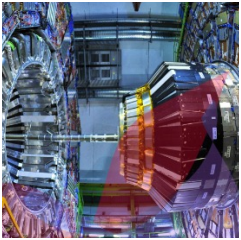


**15%** annual  
growth rate over  
15 years



**Certified** with  
ISO 9001, 27001,  
13485 & 14971,  
IEC 62304

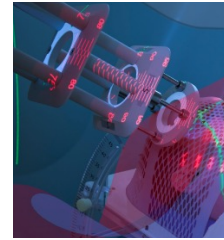




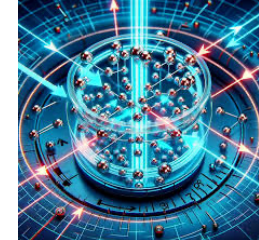
**PARTICLE  
ACCELERATORS**



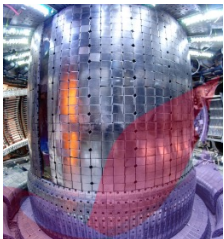
**RADIATION  
ONCOLOGY**



**MEDICAL  
DEVICES**



**QUANTUM**



**FUSION**



**SPACE**



**ASTRONOMY**



**SEMICONDUCTOR**

## **Technical challenges**

- Developing a control system for a linear particle accelerator (LINAC) for radioisotope production
- Addressing precision, reliability, and automation to ensure stable and efficient production
- Contributing technical expertise to push the boundaries of existing solutions

## **Business opportunities**

- Already collaborating with key industry players in radioisotope production
- Strengthening our position in the supply chain by integrating cutting-edge solutions
- Expanding our reach into new markets and partnerships across Europe

## **Progress of the region**

- Supporting regional innovation by developing high-tech solutions in accelerator-based industry
- Contributing to the growth of a knowledge-based economy by fostering expertise in accelerator technologies
- Positioning the region on the global map of radioisotope production (and accelerator technology in general)

## Leaders of two tasks

- WP1 (Management) - T1.2 Quality assurance, risks, ethics and IPR management (M1-M48)  
D1.2 Project Quality Provisioning & Risk Management Manual
- WP3 (LINAC design) - T3.4 Control system development project plan (M7-M46)  
D3.4 Control system project plan

## Project/consortium management

- Quality, Risk & Ethics Manager (QREM)  
Aljaž Podboršek → Tina Vodopivec

## Involvement in other work packages

- WP2 (Education, dissemination, inclusion, diversity)  
Dissemination and networking
- WP4 (Radioisotope production and radiopharmaceuticals)  
None
- WP5 (Business plan)  
Cost & timeline for Linac development – control system part
- WP6 (Mentorship)  
Consultancy

## **Andrej Debenjak**

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Project manager (Content lead)

## **Ana Cerar**

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Project coordinator & administrator  
Cosylab's Grants Office representative

## **Tina Vodopivec**

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Quality, risk & ethics manager  
Cosylab's Quality Assurance Office representative