



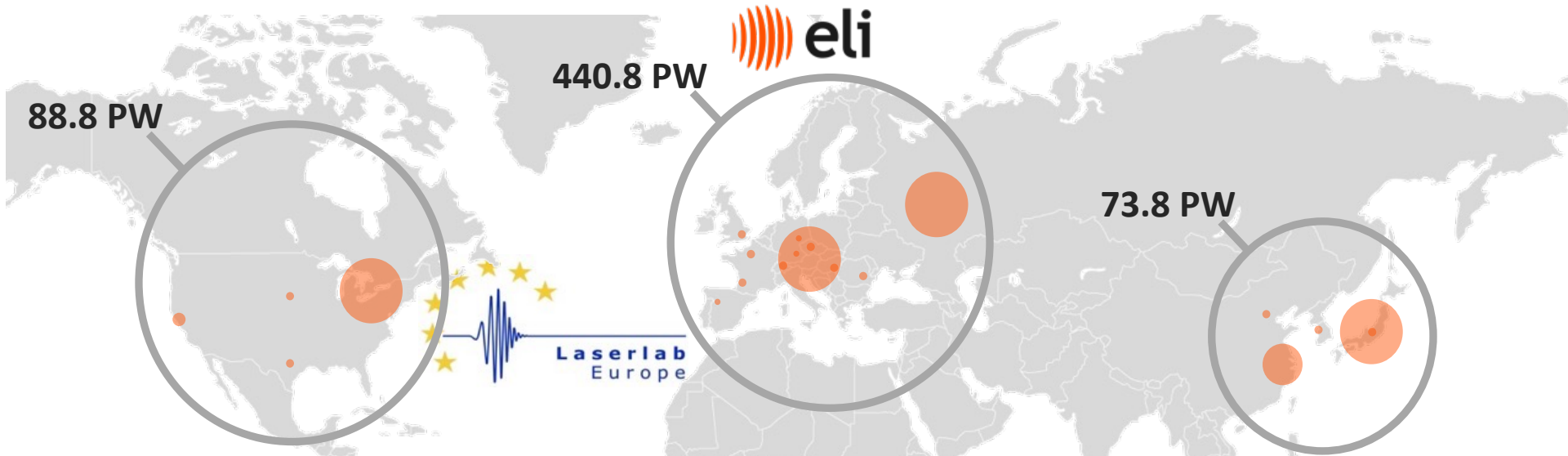
# The Extreme Light Infrastructure

**EXTREME SCIENCE**

A European Research Infrastructure Consortium

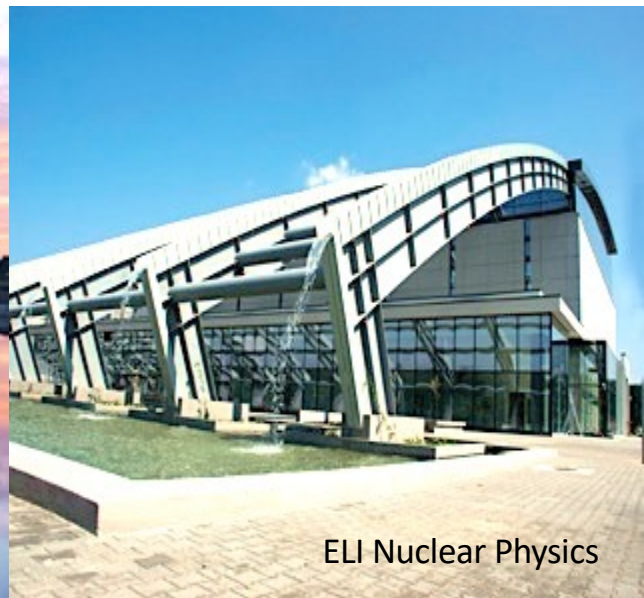
## ELI is On the European Roadmap since 2006

- **Europe leads the world** in state-of-the-art, high-power lasers
- **The ELI ERIC Facilities** are introducing **5 PW-class lasers**, (**3x10PW** and **2xPW@10Hz**) plus single-cycle high-repetition systems and secondary systems.
- **EUR 900 B investment** using **European Structural Investment Funds**.





## The ELI Facilities



The mission of ELI is to provide access for researchers to the ELI Facilities.

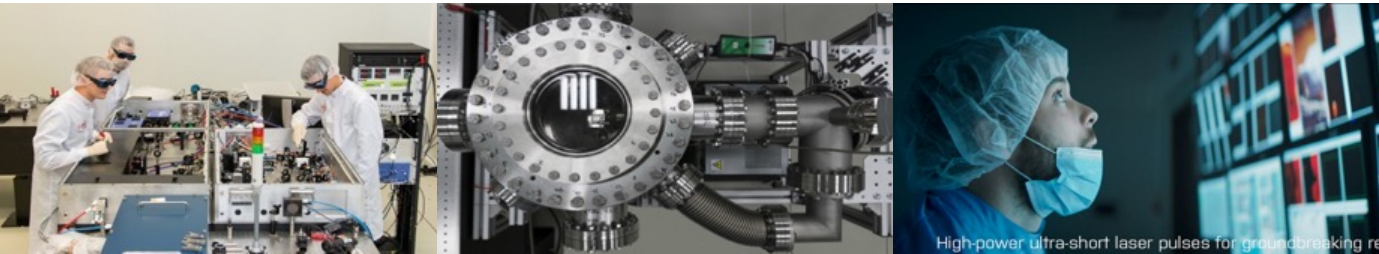
- **1<sup>st</sup> ELI ERIC User Call** open 3 June – 31 August 2022  
<https://up.eli-laser.eu/>
- **Experimental campaigns** period: October 2022 - March 2023
- More than **8 instruments** available (thoroughly **tested** during commissioning)
- Advise proposers to contact the facilities for technical questions:
  - General and application Qs: ELI ERIC: [user-office@eli-laser.eu](mailto:user-office@eli-laser.eu)
  - Facility specific questions:
    - ELI ALPS: [user.office@eli-alps.hu](mailto:user.office@eli-alps.hu)
    - ELI Beamlines: [user.office@eli-beams.eu](mailto:user.office@eli-beams.eu)
    - ELI NP: [users@eli-np.ro](mailto:users@eli-np.ro)
- **2<sup>nd</sup> Call** to be published January 2023



# ELI ERIC User Access Policy

There are three modes of access

- **Excellence-Based Access** – Scientific evaluation of proposals by and international peer-review panels composed of qualified scientists. Results of experiments based on excellence must be published and open.
- **Mission-Based Access** – Thematic areas of research granted on the basis of specific scientific missions pursuing clearly defined challenges. Results of experiments generally published and open.
- **Proprietary Access** – Paid access for industrial or other users, where results are retained by the user, consistent with ELI ERIC's Data and IPR Policy.





User Portal at *<https://up.eli-laser.eu/>*

 **User Portal**

User calls

Instruments

User guide

Terms and Conditions

Contact

My proposals



Access ELI's world-class lasers,  
instruments and facilities

*<https://up.eli-laser.eu/>*

Extreme Light Infrastructure provides international  
scientific teams with access to the world's most intense  
lasers

Browse instruments

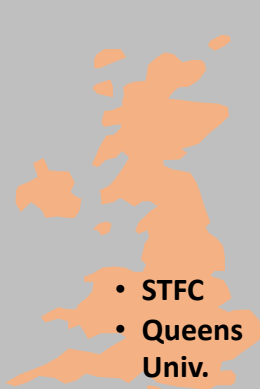
Apply for beamtime

# IMPULSE

The IMPULSE project is a Horizon 2020 sponsored project. ***The overarching objective is to quickly and effectively move ELI ERIC into operations to provide quality access to users - while at the same time setting up a new organisation, ELI ERIC.*** To that end, the IMPULSE Project has ***Scientific and non-Scientific objectives aimed at providing excellent facilities and services to users.***

## The IMPULSE Project

15 Partners  
10 Countries  
42 Months  
€19.9 Million



ELI Facilities

Partners



IMPULSE has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 871161

# ELI SUMMER SCHOOL

**30 Aug – 2 Sep 2022, Szeged, Hungary**

The 7th edition of the ELI Summer School series aims to provide young scientists with a comprehensive overview of the generation and application of intense laser pulses and laser-driven particle and radiation sources. ELISS 2022 is hosted as a hybrid event by ELI-ALPS and jointly organised with ELI Beamlines as an ELI ERIC event.

## **Main topics include:**

- Physics of laser and secondary sources,
- AMO physics,
- Ultra-fast dynamics in gases,
- Liquids and surfaces,
- Laser plasma physics and applications.



*Come and join us, and pass on the word!*

More information available:  
[indico.eli-laser.eu/e/ELISS2022](https://indico.eli-laser.eu/e/ELISS2022)



**ELISS2022**  
Extreme Light Infrastructure Summer School