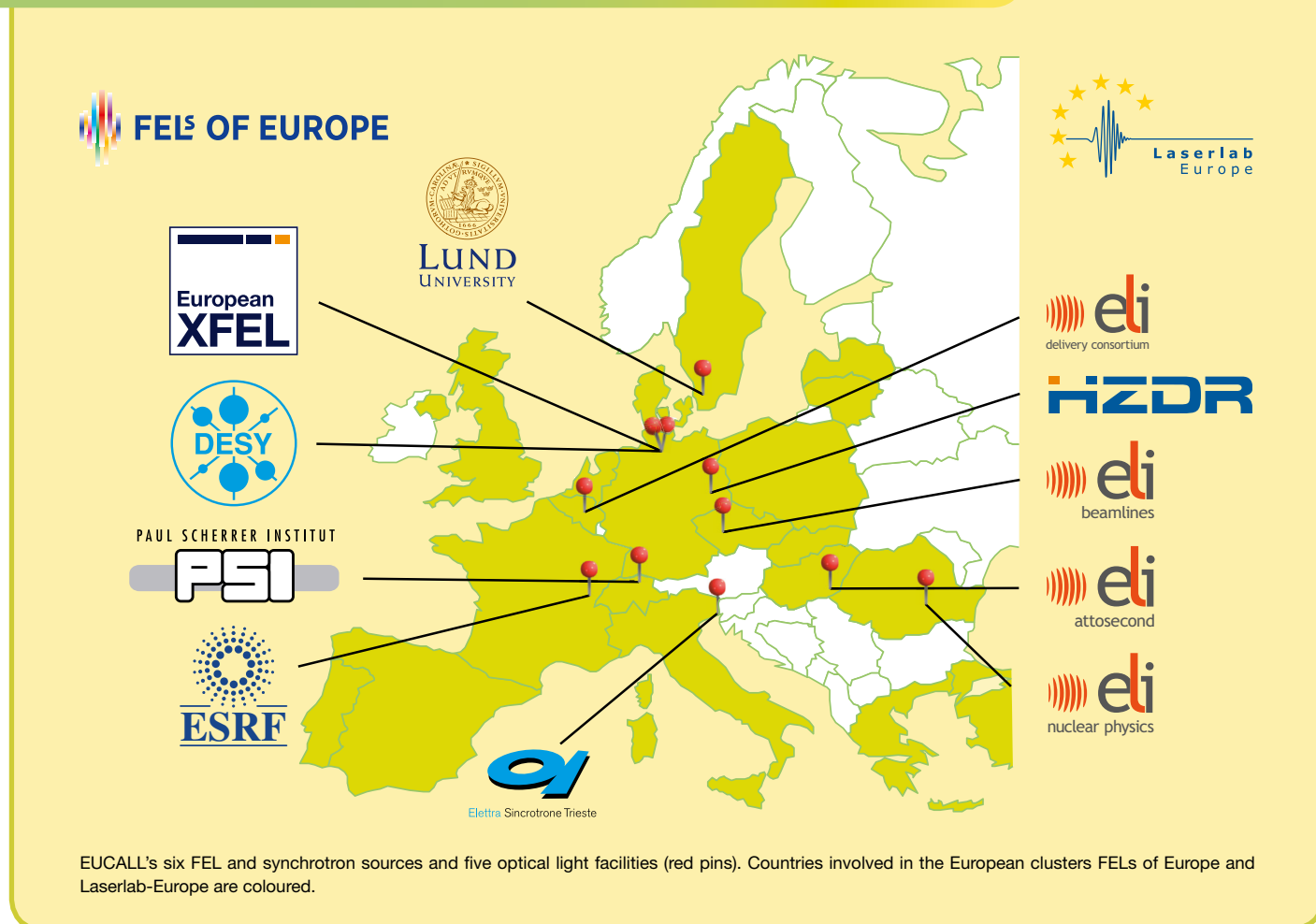


SYNERGY BETWEEN LASERS, SYNCHROTRONS AND FELs



Senior scientists from accelerator and optical laser facilities join together to identify novel research opportunities, methodologies, and technologies at EUCALL's network of radiation facilities.

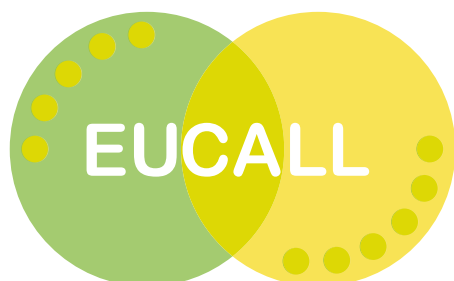
Strategies will be implemented towards optimum use of the laser light facilities, promotion of innovation, and coordinated user training/experience exchange.

So far, EUCALL SYNERGY has collected data about:

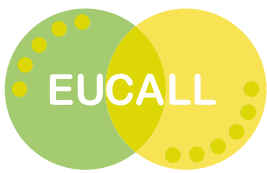
- characteristics of instruments/beamlines at each of EUCALL's facilities.

- how facilities support spin-off companies and knowledge transfer to industry.
- how industrial companies access photon science beamlines at EUCALL's facilities.

EUCALL's expert Synergy Board will analyse this data and prepare reports, recommending how a consortium of facilities can enhance their innovation potential.



Synergy of Advanced Light Sources
The European Cluster of Advanced Laser Light Sources



THE EUROPEAN CLUSTER OF ADVANCED LASER LIGHT SOURCES

free-electron lasers

synchrotrons

optical lasers

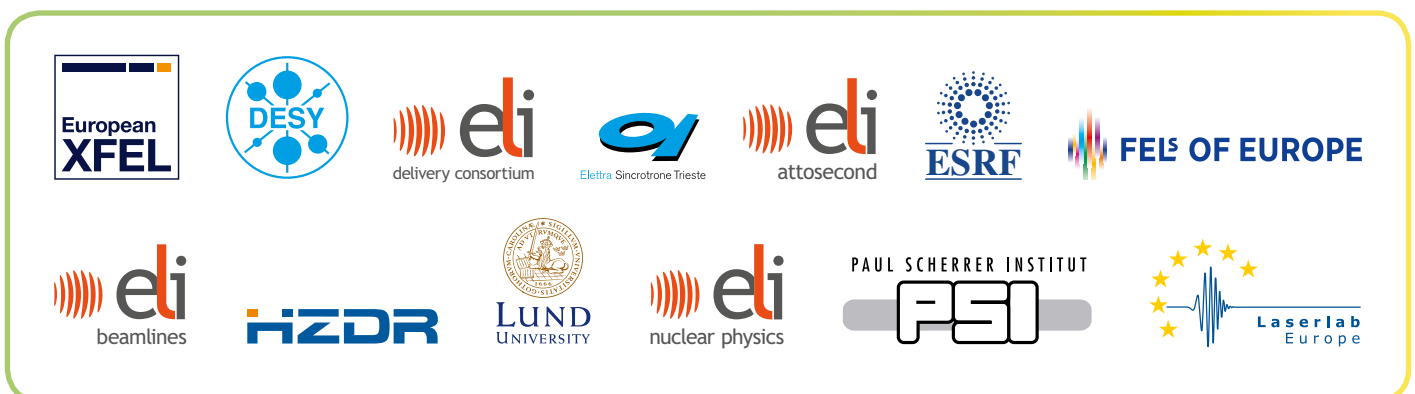
EUCALL SYNERGY is optimising a database which will allow users to find the most appropriate beamline/instrument for their desired experiments at EUCALL research infrastructures (RIs).

During 2017/2018 EUCALL SYNERGY will organise workshops for staff and users of its network of RIs:

- User Access at RIs (for staff of new facilities such as ELI)
- Technology Transfer and Innovation at RIs (for staff of new facilities such as ELI, European XFEL, MAX IV)

- Biology at Advanced Laser Light Sources
- Theory, Simulation and Computing at RIs
- Building a Target Delivery Network for European Laser RIs
- High Impact Science at Advanced Laser Light Sources
- Future strategies for RI operators and policy makers

At the EUCALL Annual Meeting 2017 the Coordinators will present concepts for potential collaborations after the EUCALL project period 2015–2018.



EUCALL is a network between leading large-scale user facilities for free-electron laser, synchrotron and optical laser radiation and their users. Under EUCALL, they work together on their common methodologies and research opportunities, and develop tools to sustain this interaction in the future. EUCALL has received funding from the European Union’s Horizon 2020 research and innovation programme and involves 11 partners from nine countries as well as the networks Laserlab Europe and FELs of Europe during the project period 2015 to 2018.



This project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No 654220.



www.eucall.eu
contact@eucall.eu