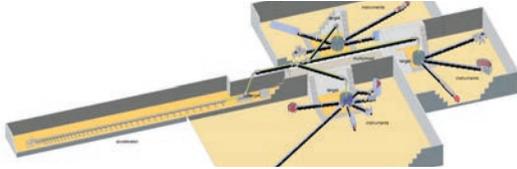


Current projects

HBS at JCNS



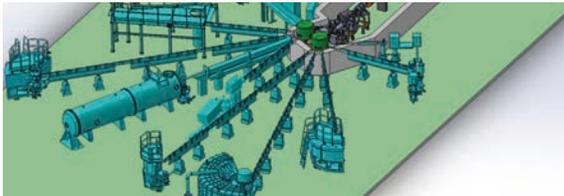
- 100 mA
- 70 MeV
- protons
- Ta target
- 3 target stations
- 18 instruments



SONATE at LLB



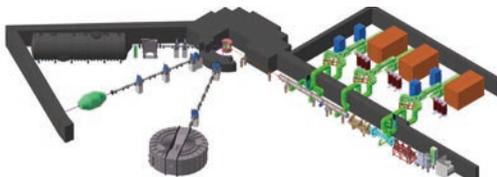
- 60 mA
- 30 MeV
- protons
- Be target
- 2 target stations
- 11 instruments



ARGITU at ESS Bilbao



- 32 mA
- 31.5 MeV
- protons
- 1 target station
- 3 instruments



NEPIR at LNL Legnaro



- 0.75 mA
- 70 MeV
- protons
- Be/W target
- irradiation facility



LvB at Mirrotron



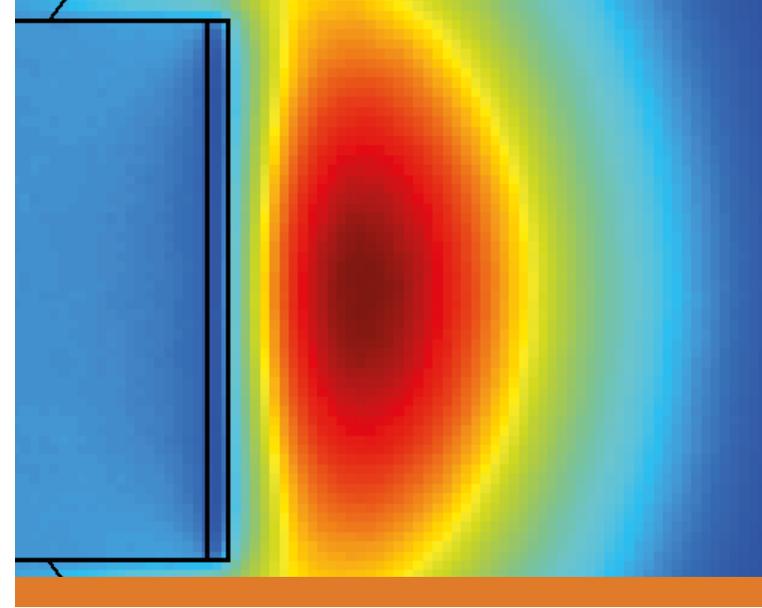
- 20 mA
- 8 MeV
- protons
- Li target
- target stations



SARAF at SOREQ

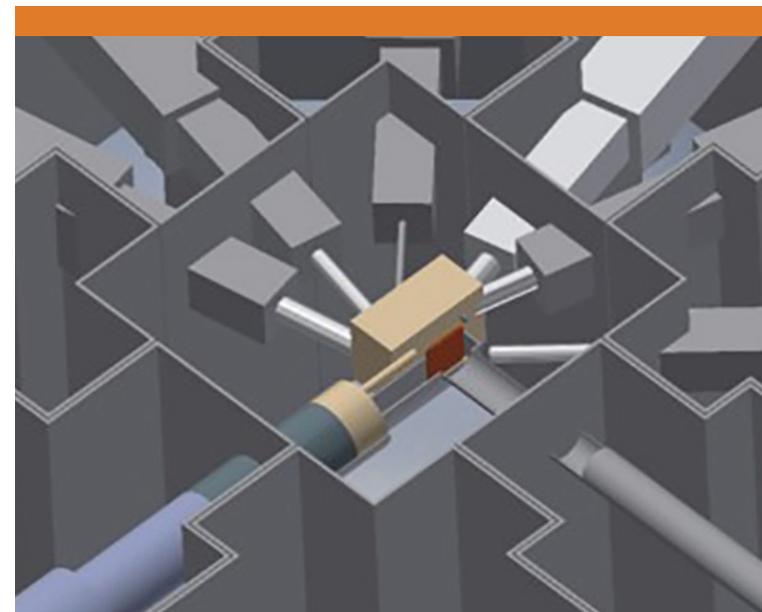


- 5 mA
- 40 MeV
- protons/deuterons
- Li/Water and liquid GaIn target
- 5 target stations
- 5 instruments

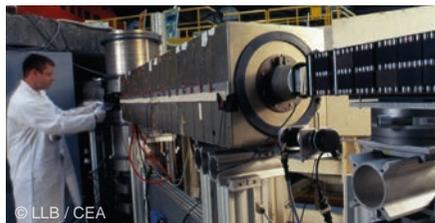


ELENA

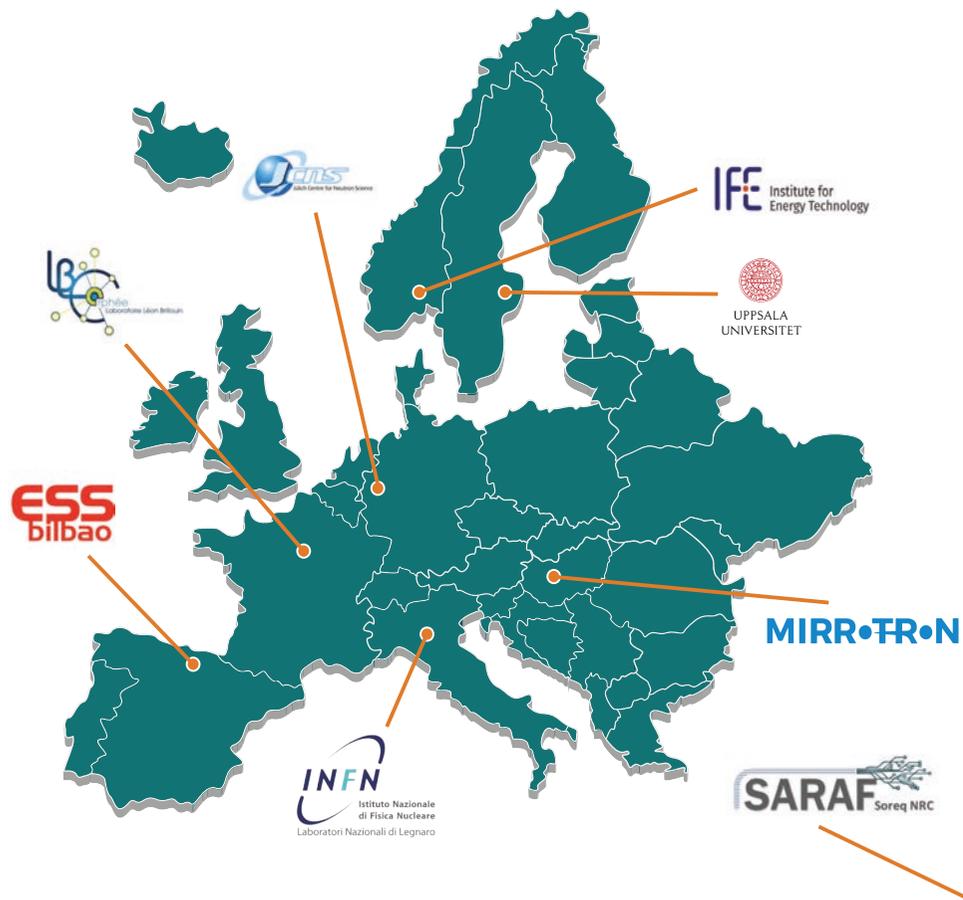
European Low Energy accelerator-based
Neutron facilities Association



- **Neutrons** see magnetism, hydrogen and atomic movements. They enable the understanding of the intimates' properties of matter leading to the development of new materials.
- **Neutrons** enable innovation and help to solve societal challenges on climate, energy conversion, health, information technology, environment or cultural heritage.



- **ELENA**, the **European Low Energy accelerator-based Neutron facilities Association**, is a not-for-profit consortium formed to promote cooperation between European laboratories, companies and researchers working in the field of low energy accelerator based neutron sources.
- **ELENA** places emphasis to cooperate and initiate collaborations, research and development on accelerator-based neutron sources within Europe.



ELENA

European Low Energy accelerator-based
Neutron facilities Association

ELENA is open to new members in Europe which engage in the field of low energy accelerator-based neutron sources.

Current* members from

ESS Bilbao
www.essbilbao.org

Institutt for Energiteknikk (IFE)
www.ife.no/en/

Jülich Centre for Neutron Science (JCNS)
www.fz-juelich.de/jcns/EN

Laboratoire Léon Brillouin (LLB)
www-llb.cea.fr/en/

Laboratori Nazionali di Legnaro (LNL)
www.lnl.infn.it

Mirrortron Ltd.
www.mirrortron.com/en

SARAF Accelerator Facility
nrcn.gov.il

Uppsala Universitet
www.uu.se

*May 2020