

Extreme Light Infrastructure ERIC's (ELI ERIC) Contribution to SDGs

ELI ERIC's contributions to current societal challenges and the UN Sustainable Development Goals derive from access to world-class high power and ultra-fast lasers for science that will enable cutting-edge research in physical, chemical, material, and medical sciences, as well as breakthrough innovations from which tools and technology can be developed for the benefit of society.

Medical Innovation

Compact acceleration of particles using lasers can be used in imaging and medical solutions for cancer treatment. The progresses in high average power laser technology in recent years are opening new avenues for the generation of medical isotopes at ELI.



Sustainable Energy

Research done at ELI with plasma and material science will enable developments of new sources of energy such as advanced fusion sources. While solid state and chemical experiments will make important contributions in the development of a new generation of advanced batteries.

