

NFFA-Europe: your Research Infrastructure for Nanoscience

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Nanoscience addresses the quantum properties of matter at the nanoscale. This implies an advanced control of structure, composition, electrical and magnetic properties. NFFA-Europe [1] is a pan-European distributed Research Infrastructure that gives users from academia and industry the chance to carry out comprehensive research projects in nanoscience and nanotechnology, spanning from nanoµ-fabrication, growth&synthesis and state of the art methods for characterization, to theory and fine analysis based on radiation sources, acquiring data that will be made FAIR to enable integrated and finally “multimessenger” analysis. NFFA-Europe offers combined access to more than 180 techniques and methods and 600 instruments in 33 sites belonging to 26 leading European Institutions and 1 network of cleanrooms. Surfing the online catalogue that describes the offer, potential users can select the most appropriate tools for their research project and submit their proposal through the NFFA Single Entry Point. Proposals are collected every three months and evaluated for their scientific merit by an external Access Review Panel (ARP) of top-level scientists. A network of technical experts from the facilities, the Technical Liaison Network (TLNet), supports the users and coordinates the technical feasibility evaluation. Those proposals approved by the ARP are assigned by the TLNet to the most appropriate access site for an optimized work flow. A contribution to travel and subsistence expenses is also provided.

From Sept. 2016, NFFA-Europe already hosted more than 500 proposals involving more than 1500 users from 63 Countries. The NFFA-Europe activity is currently funded until Feb. 2026.

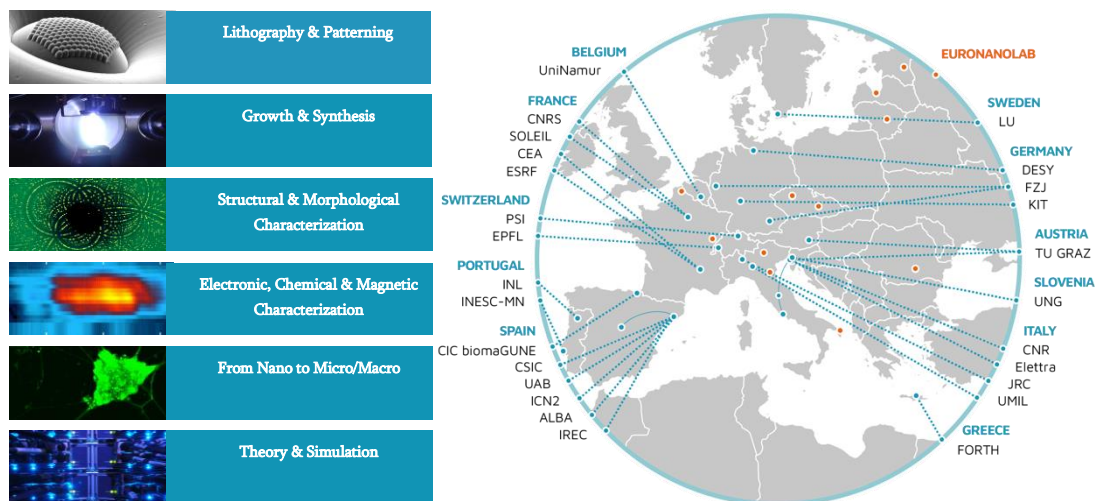


Figure: Installations and access sites to www.nffa.eu

Reference:

[1] www.nffa.eu