







## First step toward a legal structure

In 2017, few partners of the ESTEEM3 consortium (TOU, ORS, JUL, ANT, OXF) extended to the ERIC “INSTRUCT” consortium and have deposited a European Design Study (H2020-INFRADEV) project: “**DREAM**” for “*Design study of a REsearch infrastructure for Advanced Electron Microscopy*”, which has not been successful.

The DREAM consortium has, however, been identified as potential TEM network and was invited by the LEAPS (League of Analytical Photon Sources) to participate to a meeting organized in Brussel on February the 21<sup>st</sup> 2020 with other analytical Research Infrastructures consortia (LEAPS, EMFL, Laserlab, Radiate, LENS, INSPIRE). The target of that workshop was to set up a larger consortium, i.e. **ARIE**<sup>1</sup> for “*Analytical Research Infrastructures in Europe*”, gathering the invited consortia to deploy all possible analytical techniques, skills and know-how on a large scale, targeting the Horizon Europe Missions’ individual research needs. Therefore, with our ARIE partners, we submitted several European projects. Among them the project HORIZON-INFRA-2021-SE-01-04 **ReMade@ARI** for “*Recyclable Materials development at Analytical Research Infrastructures*” was successful. This project provides transnational access with a focus on materials for the green economy.

Our initial DREAM consortium expanded and 9 founding partners, most of whom are members of ESTEEM3, became the **e-DREAM**<sup>3</sup> association as a first step toward creating a legal structure.

**e-DREAM** became an active member of ARIE, providing the chairperson for the year 2021.

In 2022, the **e-DREAM** consortium with synchrotron (ESRF, Alba, Diamond, Soleil) and other partners has submitted a European HORIZON-INFRA-2021-SE-01-01 project “**IMPRESS**” for “*Interoperable electron microscopy Platform for advanced RESearch and Services*” with has been funded by the Commission and will start in February 2023<sup>4</sup>. **IMPRESS** has a focus on instrumentation development, including hardware and software standardization for electron microscopy,

Well identified by the ARIE RIs, and by the EC (including ESFRI), **e-DREAM** aims to bring together all TEM infrastructures of the Member States in European initiatives aimed at promoting the creation in the near future of a European ARI in Electron Microscopy.

<sup>1</sup> <https://arie-eu.org/>

<sup>2</sup> [Forschungszentrum Jülich](#), CNRS ([CEMES-CNRS](#) and [LPS-CNRS](#)), [University of Oxford](#), [University of Antwerp](#), [Graz University of Technology](#), [Norwegian University of Science and Technology](#) (Trondheim), CNR ([Trieste](#)), [ICN2](#) (Barcelona)

<sup>3</sup> <https://e-dream-eu.org/>

<sup>4</sup> <https://e-impres.eu/>



