



**Proposed ESUO medium-term activities (time horizon: 2-3 years)**  
**Status: April 2021**

1. Co-organisation of the next ESUO annual meeting, tentatively at DESY and European XFEL in September 2021.

**Timeline:** ASAP

**Action:** local teams to be contacted in order to ascertain whether possible.

2. Establish a new management organisational structure based on the ESUO constitution.

**Timeline:** online meeting directly after registration of ESUO as legal entity; face to face meeting at the end of summer.

**Action:** election of new ESUO board

3. Establish a stable organisational structure for ESUO. By the end of 2021, each delegate should have a clear mandate from her/his country's national user organisation or equivalent authority.

**Timeline:** end of 2021

**Actions:** inform all delegates again, if necessary by personal communication with each delegate. Agree on membership fees associated with the respective mandates.

4. Establish a stable line of communication between ESUO and the national delegates (who should further disseminate information to national users).

**Timeline:** mid 2022

**Actions:** each country should establish a mailing list of users; ESUO should distribute a regular newsletter through its delegates.

5. (Re)-establish contacts between national delegates and their respective national authorities, ESFRI representatives etc. with the goal that they should have at least annual contact.

**Timeline:** 2022+

**Actions:** identify national contact points by country, (re-)establish the contacts, collect information about existing and future national funding instruments, transfer the collected information to ESUO, co-organize related actions.

6. Increase the number of national user organisations (UOs). If an individual NUO is not feasible, establish regional UOs instead (e.g. for the Baltic countries, Eastern European countries: Bulgaria, Romania, Serbia...)

**Timeline:** 2023 (2021+, but start as soon as possible, since we want delegates of such countries to obtain a mandate and for the countries to become ESUO members).

**Action:** discuss the issue with respective national delegates, action related to point 3.

7. Establish regular contacts to facility UOs and coordinate common activities.

**Timeline:** end of 2021

**Action:** consultation with FUEO chairs or ESUEO representatives in FUEOs, organisation of common meetings, invitation of FUEO representatives to ESUEO annual meetings. ("Think-tank" ESUEO-FUEO meetings)

8. Organise regional user meetings

**Timeline:** 2022, then one per year?

**Actions:** identification of potential regions, co-organization of joint online topical workshops, with dedicated scientific talks related to synchrotron research work; promotion of twinning activities, possibly attached to an existing conference and/or to dedicated e-teaching courses of e.g. an ESUEO delegate of a Baltic country or Cyprus. As part of the HESEB project, such a topical workshop has just started to take place.

9. Action to maintain and develop continuation of TNA based in scientific merit

**Timeline:** from now

**Actions:** discussion with all stakeholders: EC, facilities, national authorities, UO,

10. Establish contacts to other ARIES user organisations representing users working at large facilities, arrange common lobbying activities in support of user access, discuss alternative routes to replace trans-national access (TNA).

**Timeline:** mid 2022

**Actions:** identify ARIES user organisations, make contact, organize exchanges, and discuss possible joint actions, e.g. around how COVID-19 has changed current and future boundary conditions for synchrotron experiments. Contact to ENSA is already established.

11. Investigate and contribute to a discussion around the post-COVID-19 landscape for synchrotron experiments.

**Timeline:** start late 2021 / early 2022?

**Actions:** discussion of the plans with facility directors and within LEAPS working groups. Dissemination of information to ESUEO members

12. Support twinning activities, remote access training meetings, working with remote experiments:

**Timeline:** now+

**Actions:** identify a pool of expert users / delegates who are willing to share their knowledge / experience with less experienced users during joint (remote) beamtimes (CALIPSOplus, HESEB projects); co-organize with LEAPS facilities dedicated workshops / schools on synchrotron / FEL access, methods, data analysis, sample preparation, remote experiments, open data (collaboration with HERCULES school, European Open Science Cloud (EOSC), if possible?);

13. Maintain regular contact with LEAPS, propose volunteers to join LEAPS working groups, welcome the proposal of a strategic working group about user-related problems.

**Timeline:** April 2021+

**Actions:** participation of ESUEO representatives in LEAPS WGs, creation of the LEAPS SGs on user-related needs, if accepted, and discussion on first actions to be accomplished, consultation with ESUEO delegates and LEAPS representatives. Organise a European user survey?

Proposed names of ESUO participants:

**Current ESUO volunteers interested in joining LEAPS WGs:**

Derek Logan (WG 4 - Industry and Innovation)

Carlo Mariani (WG1 - Beamline technology and WG5 - User service and impact assessment)

Carla Bittencourt (WG1 - Beamline technology and WG5 - User service and impact assessment)

Federico Boscherini (WG6 - Education, training, outreach)

Roland Thissen (WG1 - Beamline technology)

Rainer Lechner (WG5 - User services and impact assessment and WG6 - Education, training, outreach)

Cormac McGuinness (WG5 User service and impact assessment and WG3 Information Technology)

Iztok Arčon (WG6 - Education, training, outreach)

Annick Froideval (WG6 - Education, training, outreach, WG5 - User services and impact assessment)

14. Maintain, improve and grow communications channels via ESUO website and social media channels

**Timeline:** starting now

**Actions:** refine ESUO website and communicate with public, European synchrotron users and ESUO delegates about ESUO activities. This will support earlier actions such as 4, 5, 8, 9 and 10, with information for government, commission policy makers and representatives, as well as for users. Enlarge the working group who have been active in social media channels to help support this. Establish ESUO branded webinars in focussed topics - such as remote beamline operation, remote access or automation improvements and challenges etc., or ARPES, EXAFS, SAXS, ...