



The European Research Infrastructure  
Consortium for Structural Biology

## ERIC-Forum: RI Sustainability Workshop Session 2

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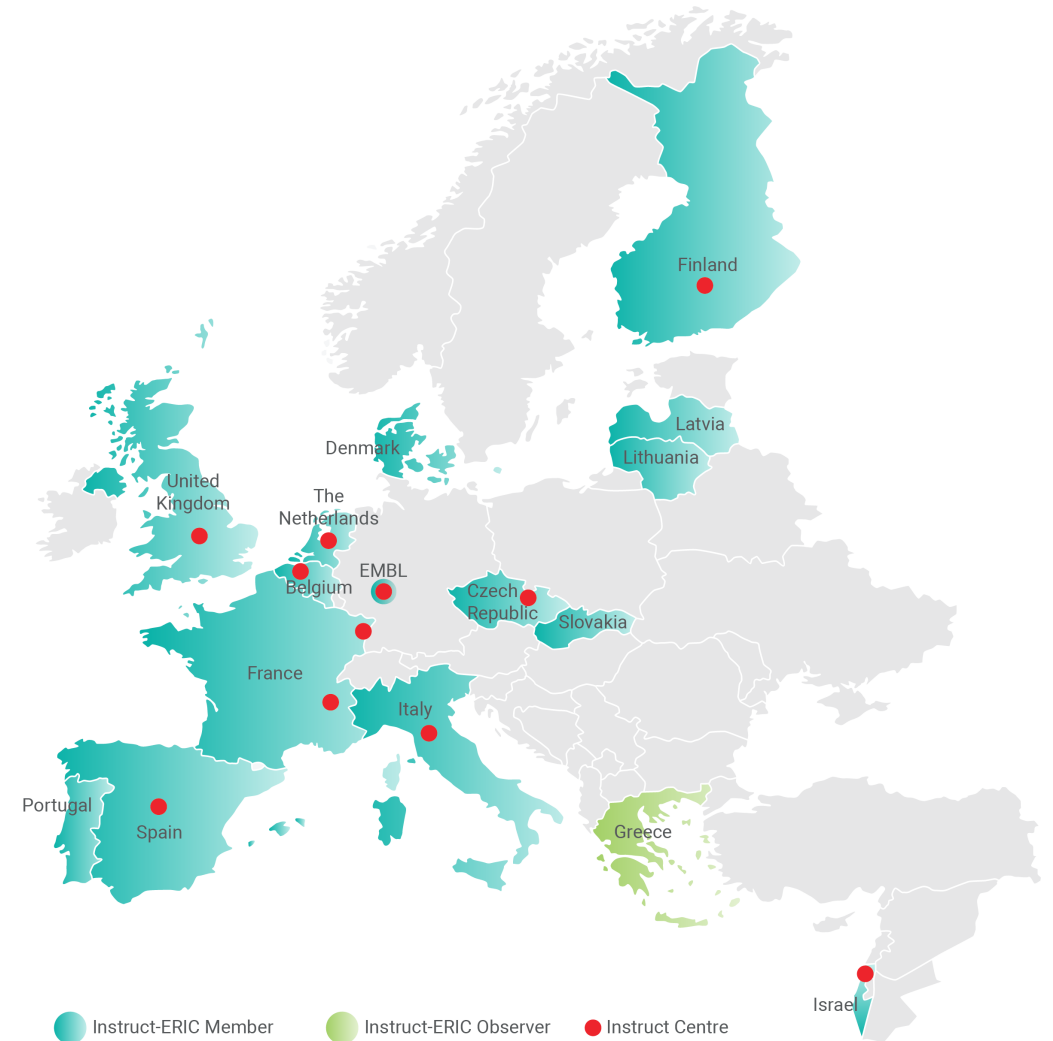


## Purpose of the Plan (Implementation project Instruct-ULTRA)

To ensure Instruct-ERIC is a priority for support from its members and other stakeholders by delivering value to all communities it serves.

To achieve ERIC status, already judged to:

- Add value to strengthen the ERA
- Provide access to excellent infrastructure in Europe
- contribute to mobility and training for new researchers in the field of structural biology
- Add to scientific data in public repositories and increase public knowledge

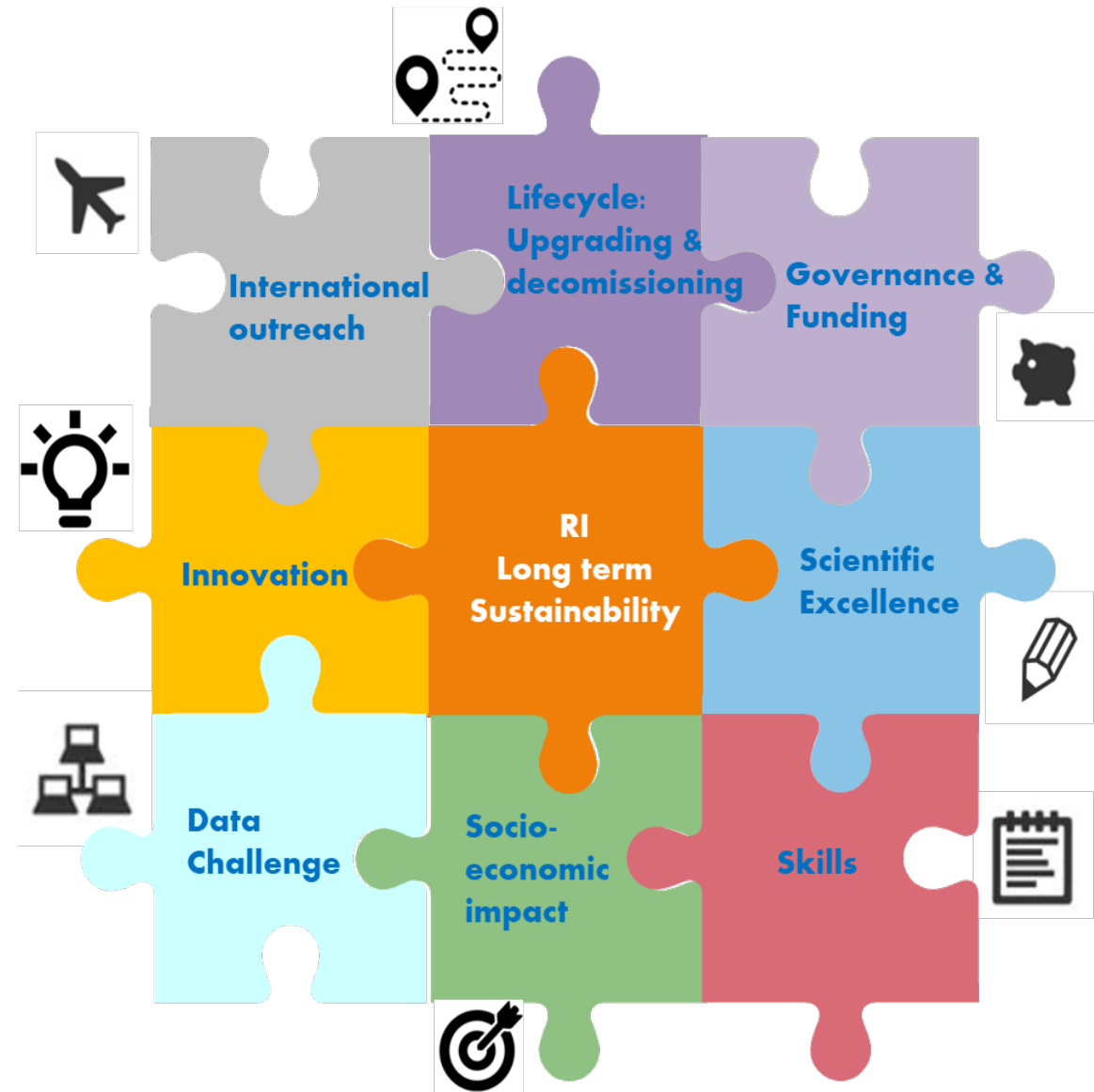


# Purpose of the Plan

## Key priorities to address for sustainability

Establish value of the RI in the following dimensions:

1. Scientific excellence
2. Ability to attract skilled staff
3. Innovation potential (new technologies, new applications/scientific approaches)
4. Socio-economic impact
5. Exploiting data generated using open and FAIR principles
6. Robust governance framework
7. Clear internationalisation policies



# Established some target recommendations in each area:

## Excellent science

### Recommendations:

Anticipate and promote new developments in technology

Provide expert support to member countries to improve infrastructure or address gaps in technologies that need investment

## People

### Recommendations:

Identify and plan for key roles within Instruct that need core support

Expand and target training for users and providers of Instruct services

## Innovation

### Recommendations:

Position Instruct as an early adopter of new technology/instrumentation to be an attractive partner for industry and academics

Support innovative solutions for the delivery of Instruct services

## Socio-economic impact

### Recommendations:

Identify and demonstrate impact on public health and wellbeing, economic indicators



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## Data

### Recommendations:

Operationally apply FAIR principles to the management of data

Engage with EOSC stakeholders to shape the future implementation of EOSC

## Outreach

### Recommendations:

Prepare a plan for maintaining and expanding European membership of Instruct

Establish policies for membership of countries from outside of Europe and international organisations

## Communication

### Recommendations:

Implement the communications strategy

Develop new ways of interacting with all stakeholders

## Finance

### Recommendations:

Review funding model and membership for next financial cycle 2022-2027

Identify funding opportunities through HE and other global funding initiatives



# Are we making progress (2020)?

**Excellent science:** 226 publications/114 journals

**People:** 13 staff in Hub; 4.7FTE doing Instruct-ERIC core work

**Innovation:** launched X-ray fragment screening platform, megabody production, several cryo-EM facilities and upgrades

**Socio-economic factors:** SB input to COVID-19 research → vaccine design, diagnostic testing (KPI working group)

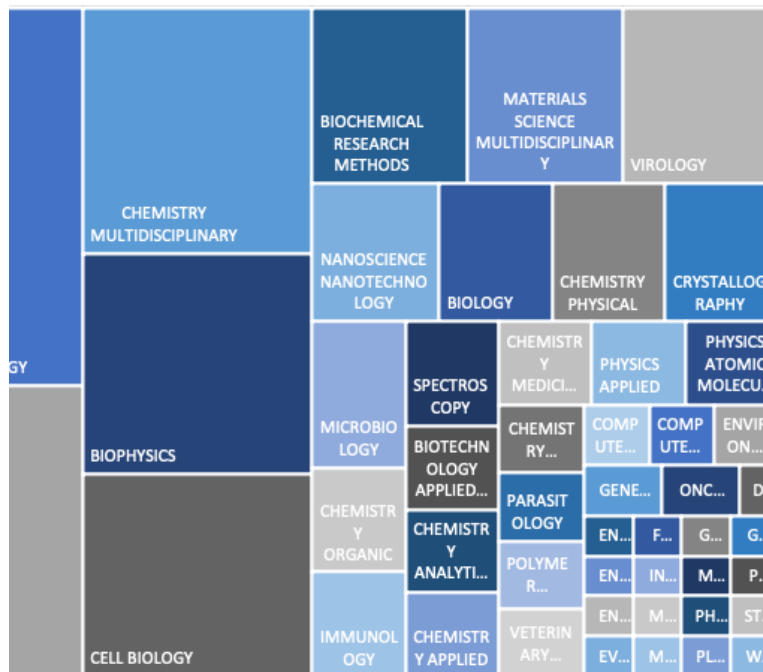
**Data:** EOSC-Life on FAIRification, workflows for open access and public data deposition (DMCC)

**Outreach:** 15 members, 1 observer; MOUs with 3 countries in Latin America, South Africa.

**Communications:** new Communications officer appointed, comms toolkit (RI-VIS), well attended webinar series.

**Finance:** new funding cycle from 2022

INSTRUCT-ERIC PUBLICATIONS 2020





# Is the sustainability plan fit for purpose?

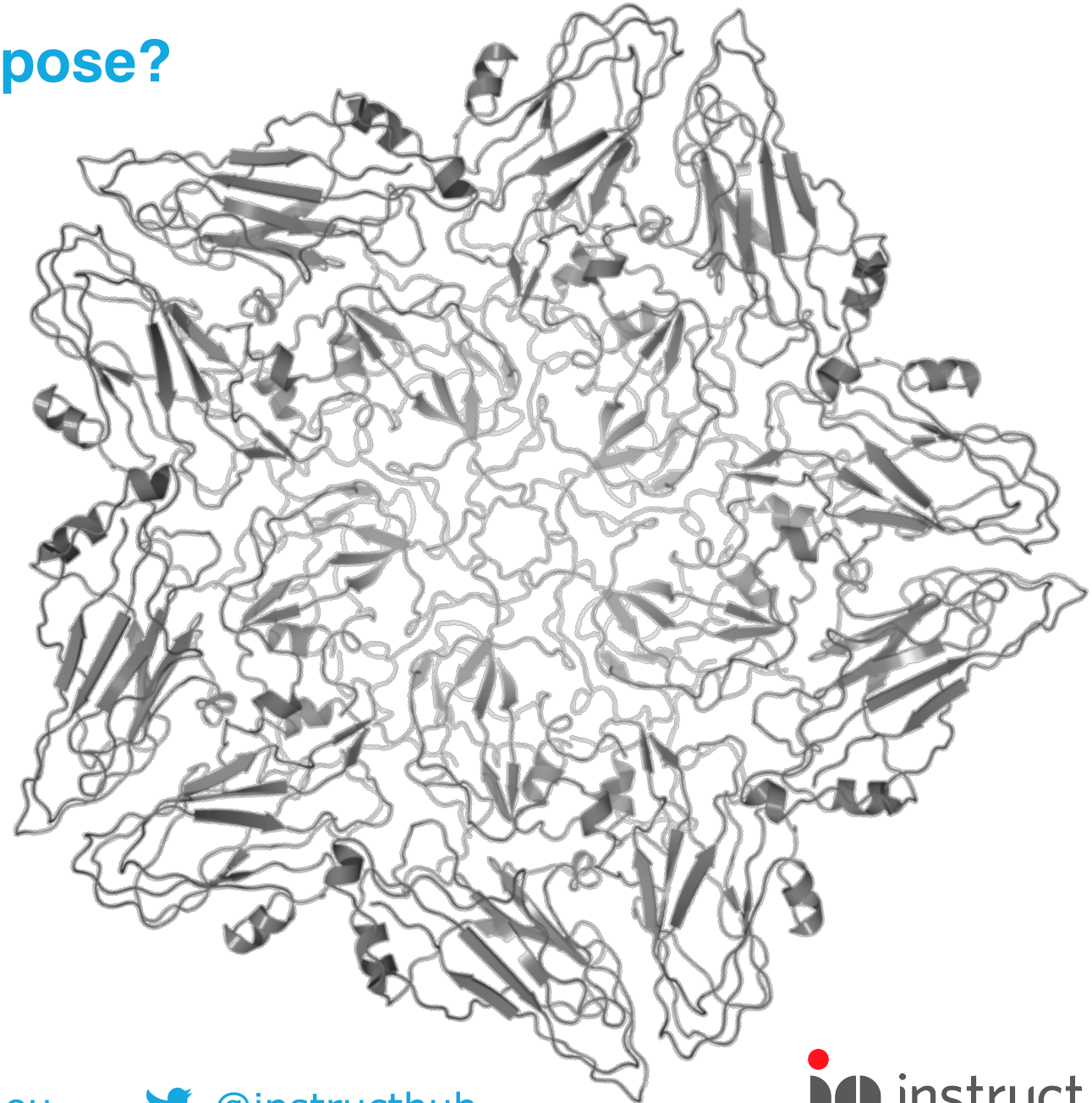
First iteration has been useful to identify targets

Needs annual review

- New circumstances
- New funding streams
- New scientific challenges

Key challenges:

- Staff issues: retention, distributed staff, core staff
- Data management (data sovereignty, cloud services)
- Achieving a balance between funding for infrastructure services and core management of Instruct-ERIC research infrastructure as a whole



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**Thank you for listening**

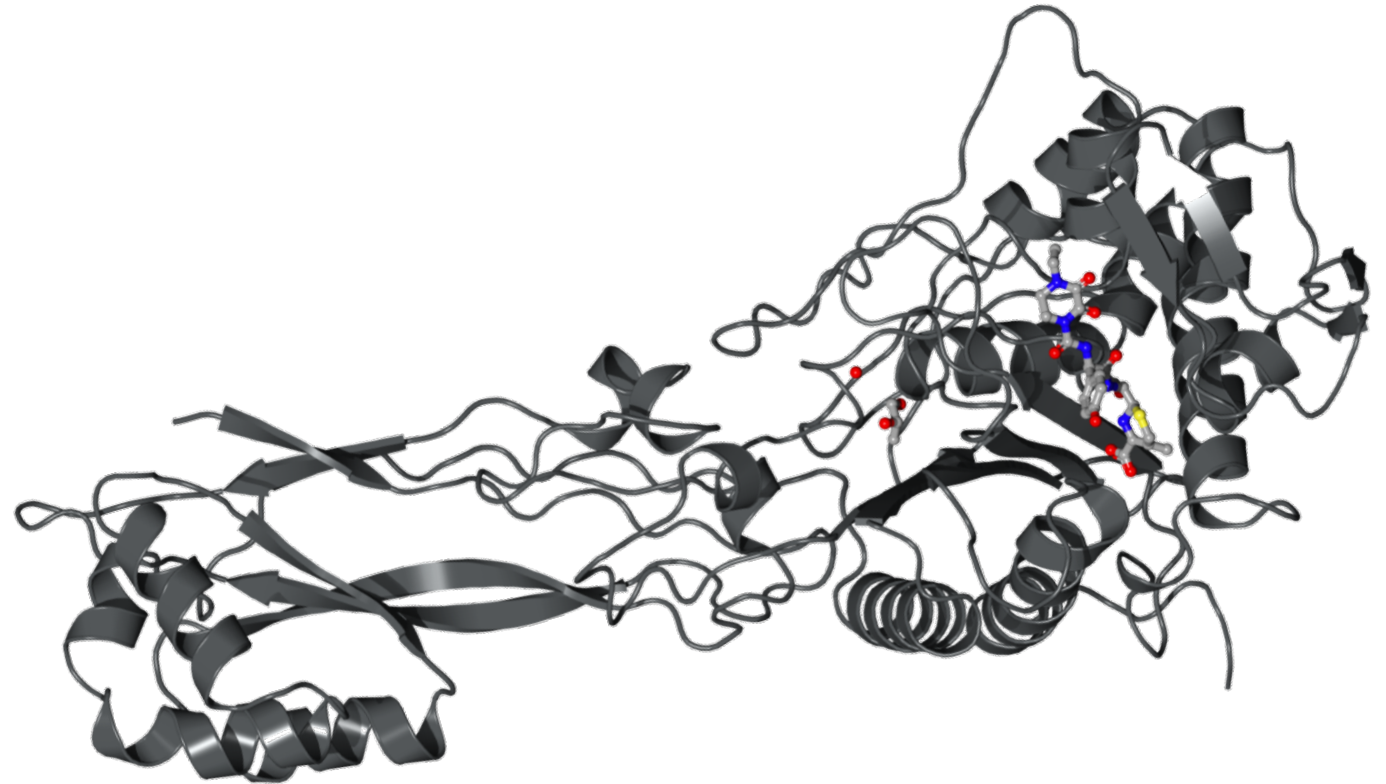
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