ELIXIR Training Platform

Empowering life science researchers to connect to EOSC

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www.elixir-europe.org
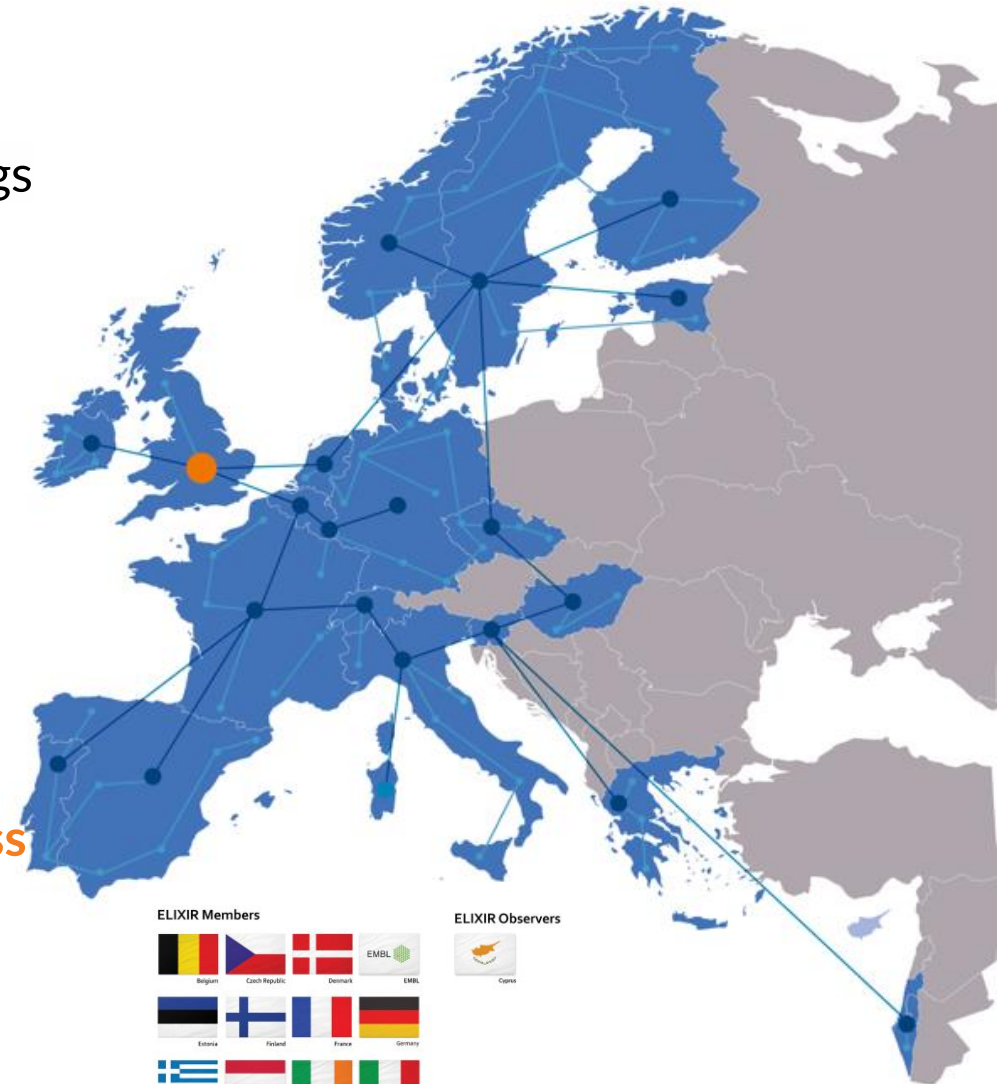
ELIXIR - data for life

ELIXIR is an pan-European research infrastructure (ESFRI) that brings
together life science resources such as

- databases
- software tools
- training materials
- data standards
- compute resources
- people infrastructure

The goal of ELIXIR is to **coordinate life science resources from across**
Europe so they form a single infrastructure

ELIXIR in numbers

- 22 Members and 1 Observers
- ~ 180 institutes involved
- 700+ staff

ELIXIR Members

Belgium | Czech Republic | Denmark | EMBL
Estonia | Finland | France | Germany
Greece | Hungary | Ireland | Italy
Luxembourg | Israel | Netherlands | Norway
Slovenia | Portugal | Spain | Sweden
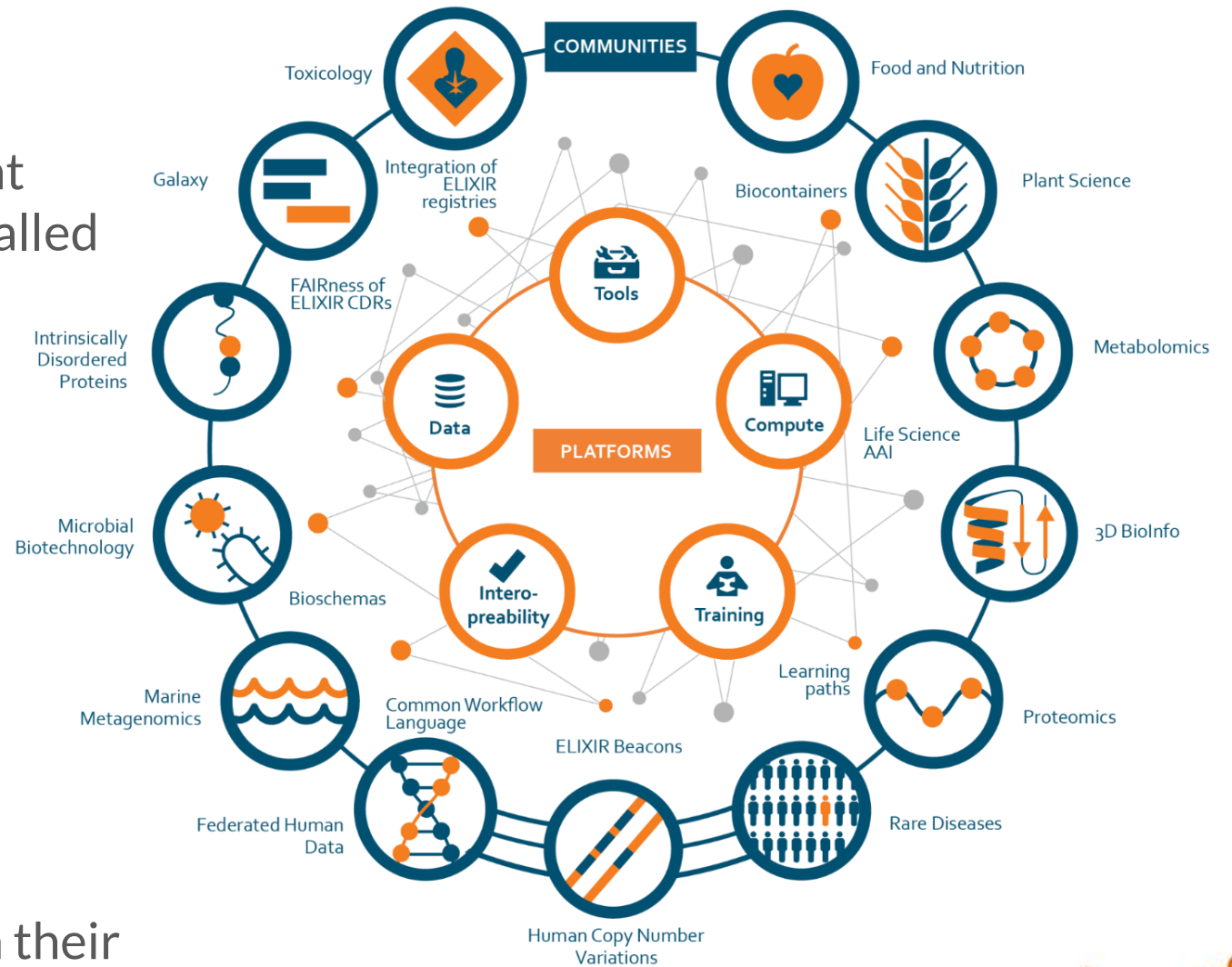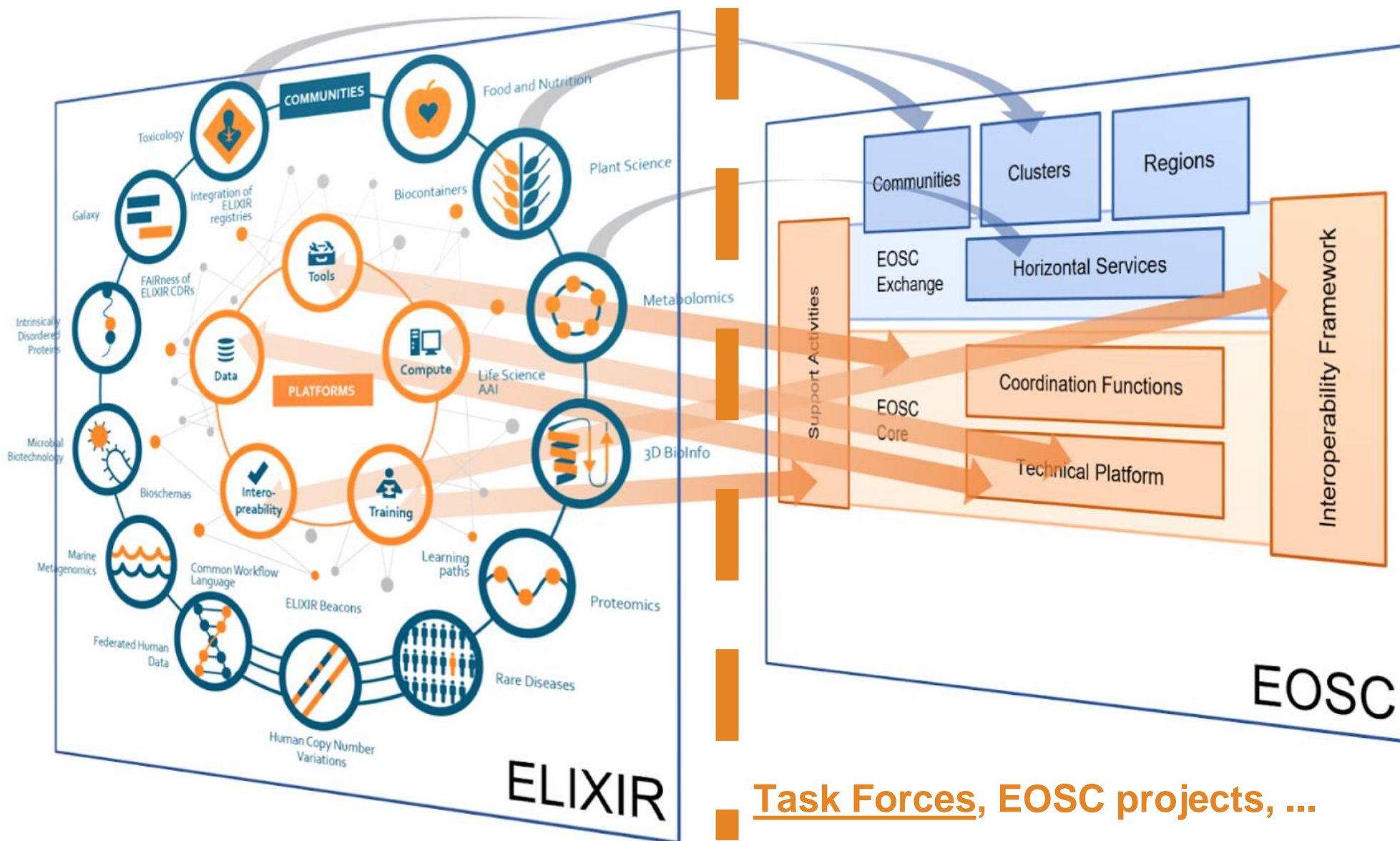Switzerland | United Kingdom

ELIXIR Observers

Cyprus

ELIXIR Structure

ELIXIR coordinates activities through at least one of the five 'areas of activity' called Platforms:

- Compute
- Data
- Interoperability
- Tools
- Training

These Platforms are driven by eleven ELIXIR Communities which develop standards, services, and training within their life science domains.
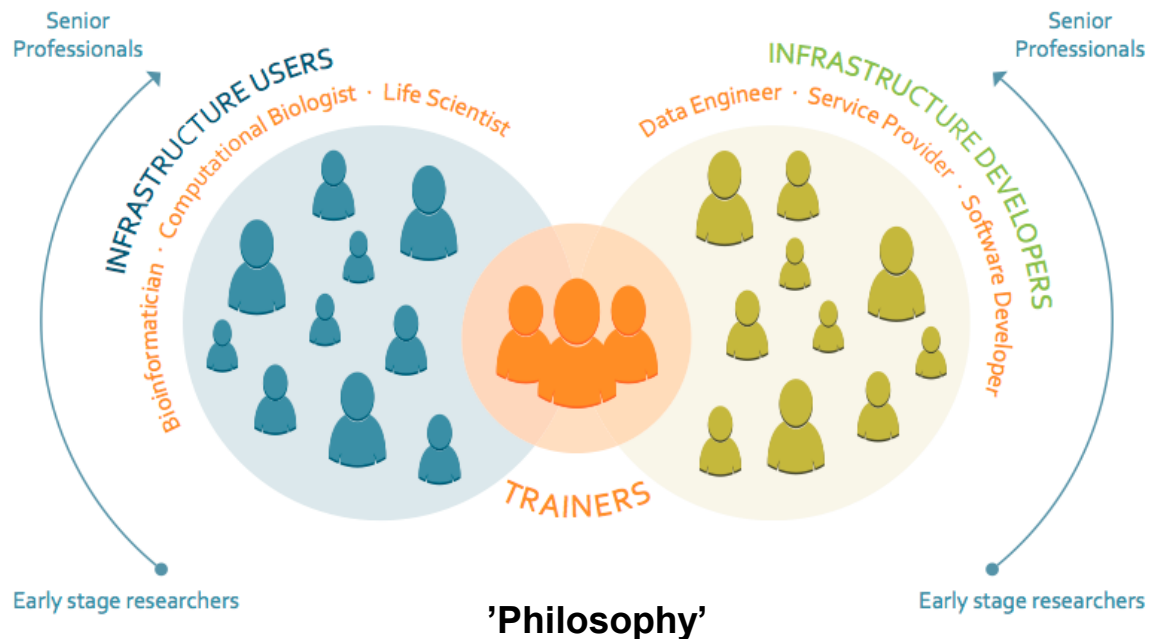
ELIXIR connection to EOSC

Task Forces, EOSC projects, ...

ELIXIR's Training Platform:
Professional skills for managing and exploiting data

- Establish **sustainable training infrastructure** supported and adopted by all ELIXIR Nodes

- Deliver a coherent, high-quality and impactful **ELIXIR training program**

- **Building on and complementing** training programmes in the 23 ELIXIR Nodes

'Philosophy'

Training Coordinators team @ELIXIR AHM, June 2022

ExCo's

Platform coordinator (ELIXIR Hub)

ELIXIR Training anno 2022 – Key Infrastructure elements

- **ELIXIR-badged Training events** – for researchers, developers, infrastructure operators & trainers

- **Train-the-Trainer** – Programme consolidated and available for use; **ELIXIR Trainer Pool** and **train-the-trainer Pool** steadily growing.

- **ELIXIR Training portal TeSS –** Recognized in- and outside ELIXIR as a solid approach to catalogue and share training events and materials

- **ELIXIR Training Handbook -** Training best practices, guidelines for trainers

- **Training Metrics Database (TMD) -** standardized metrics for quality & impact assessment

- **e-learning solutions -** in TeSS and in ELIXIR-SI EeLP

ELIXIR Training & European Open Science Cloud
#WeAreEOSC

ELIXIR Training Platform is setting out to **become an EOSC Training Provider for the life science domain**

- 2020: Participation in **EOSC Working Groups skills & training**
  Report Digital skills for FAIR and open science

- 2021: The **ELIXIR/NPOS work on data stewardship competencies**
  mentioned explicitly as a use case in the EOSC Strategic
  Research and Innovation Agenda (SRIA)

- 2022:
  - Co-chair and/or task lead in the **3 Skills & Training related Task Forces** of the
    Advisory Group "Research careers and curricula" of the EOSC Association
  - ELIXIR TeSS (Training registry) will be a pilot for the EOSC Training Catalogue

ELIXIR Training Platform resources

TrP Impact - Making training materials FAIR

Give unique identity (3)

Register online (4)

Describe properly (2)

Findable

Define access rules (5)

Accessible

Interoperable

Keep materials up-to-date (10)

Reusable

(1) Share

Use interoperable format (6)

Welcome contributions (9)

(8)

Make (re)usable for trainers (7)

Make usable for trainees

- ELIXIR FAIR Training Focus Group
- PLoS 10 Simple rules paper (2020)
- Now working with the training community (inside & outside ELIXIR) on a lesson/handbook how to make training materials FAIR (Biohackathon 2021, 2022)

eliXir

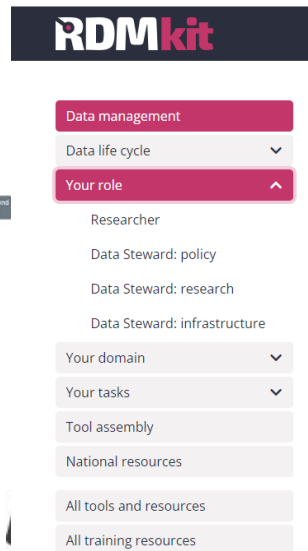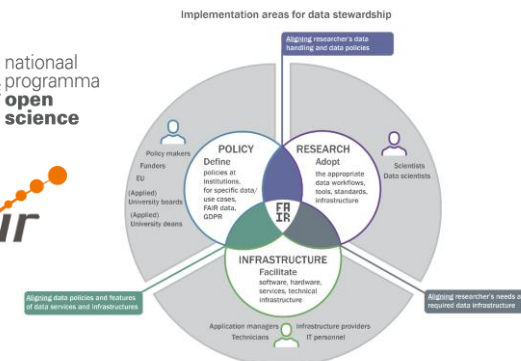# TrP Impact - Data stewardship/Data Management competences, skills & training

- **ELIXIR-CONVERGE WP2** (21 Nodes)
  - Design, build and deliver DM/DS courses, for data stewards, researchers, trainers and tool developers
  - Build expertise and training expertise in DM/DS in the Nodes
  - In alignment with national DM/DS strategies

- **NPOS/ELIXIR Data Stewardship Competency Framework**
  - Three data steward roles: Policy, Research, Infrastructure

- **RDMkit**
  - Data Stewardship Roles implemented in the Your Role pages in the RDMkit
  - Links to TeSS resources

Care - Share - Scale - Embed - Sustain

TrP f2F/hybrid annual meeting, spring 2022

COMMUNITY IS KEY

Thank you!

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www.elixir-europe.org

References

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- Digital Research Skills Australasia (dress.org.au)
- Training portal for the photon & neutron community: https://pan-training.hzdr.de/
- Training Catalogue of EGI - https://catalogue.hopto.org/