



# **ELIXIR: The ESFRI Research Infrastructure for biological Information**



*European Life Sciences Infrastructure for Biological Information*  
[www.elixir-europe.org](http://www.elixir-europe.org)



# ***Governance and Structure***



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# ELIXIR Members

## ECA members

Czech Rep	Norway
Denmark	Portugal
Estonia	Sweden
Israel	Switzerland
Netherlands	UK
EMBL	

## MoU countries

Belgium  
Finland  
France  
Greece  
Italy  
Slovenia  
Spain

# ELIXIR Nodes

- Institutes involved in ELIXIR Nodes
- Collaboration Agreements to be signed between Hub and Nodes
- Nodes that are national networks to develop own internal collaboration agreements



# How do ELIXIR Hub & Nodes work together?



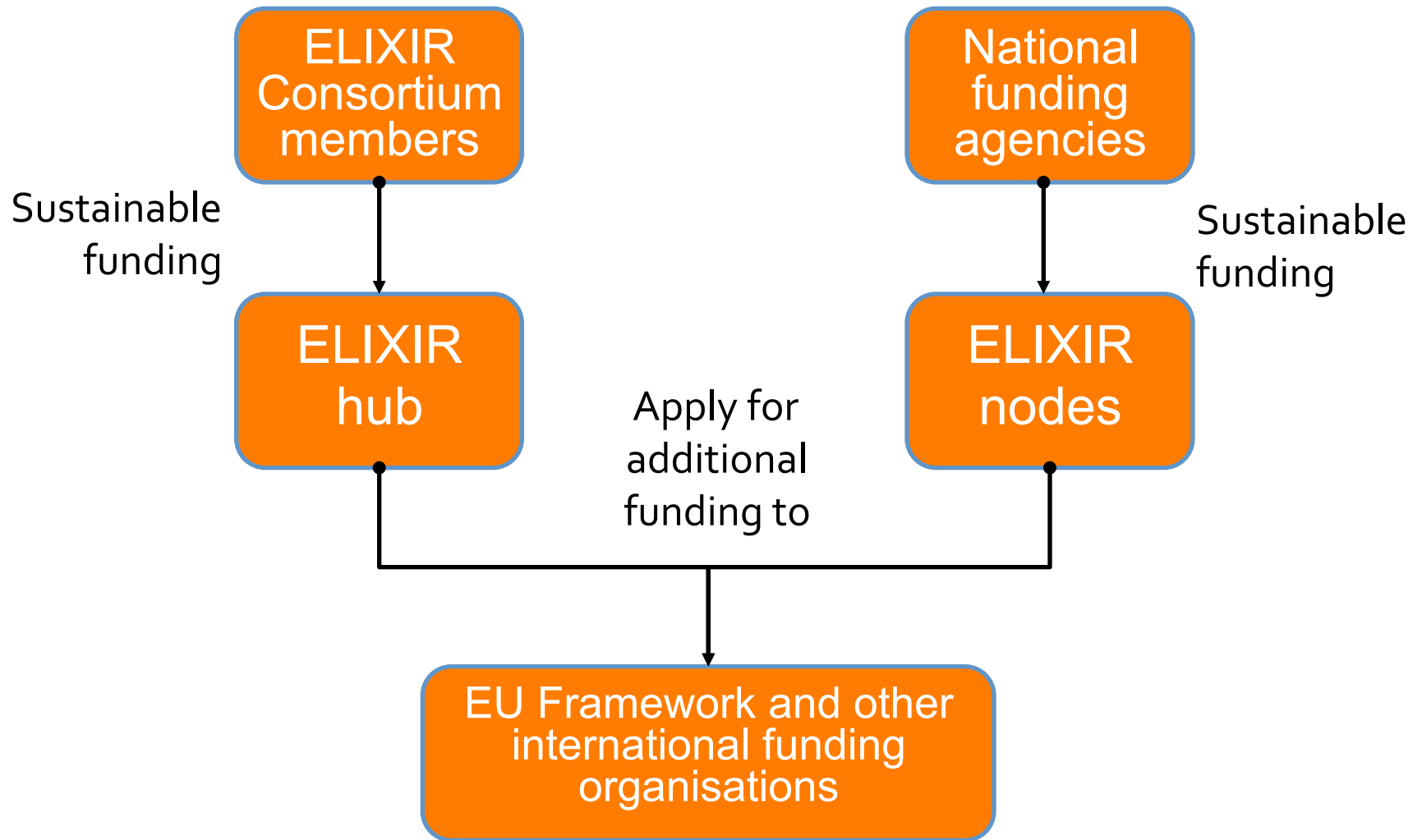
## ELIXIR Node

- Research & Develop Bioinformatics services
- Deliver Services through own "brands"
- Management of core resources
- Develop & Deliver training activities
- Participation in international data consortia

## ELIXIR Hub

- ELIXIR Mgmt & Secretariat
- Technical coordination across Nodes
- Drive standards development & implementation
- Policy and Outreach

# How will ELIXIR be funded?



# ESFRI prioritisation



COUNCIL OF  
THE EUROPEAN UNION



**Conclusions on the implementation of the roadmap for the  
European Strategy Forum on Research Infrastructures**

*COMPETITIVENESS Council meeting  
Brussels, 26 May 2014*

**ANNEX**

**Prioritisation of Support to ESFRI Projects for Implementation**

1. **Three Priority Projects for implementation**

- EPOS: European Plate Observing System
- ELIXIR: The European Life-Science Infrastructure for Biological Information
- ESS: The European Spallation Source

# Industry activities and user personas

## Industry advisory Committee

- Call open for Members of Industry Advisory Committee for ELIXIR
- To be made up industry users, suppliers and publishers

## Innovation and SME Forum

- First forum takes place in Copenhagen on 24-25 November
- Support to SMEs on using ELIXIR's resources
- Programme to be rolled out to other ELIXIR Nodes in 2015

## User Persona Exercise





# ***Technical***



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# European Research Infrastructures



# European Research Infrastructures

## life sciences



LS

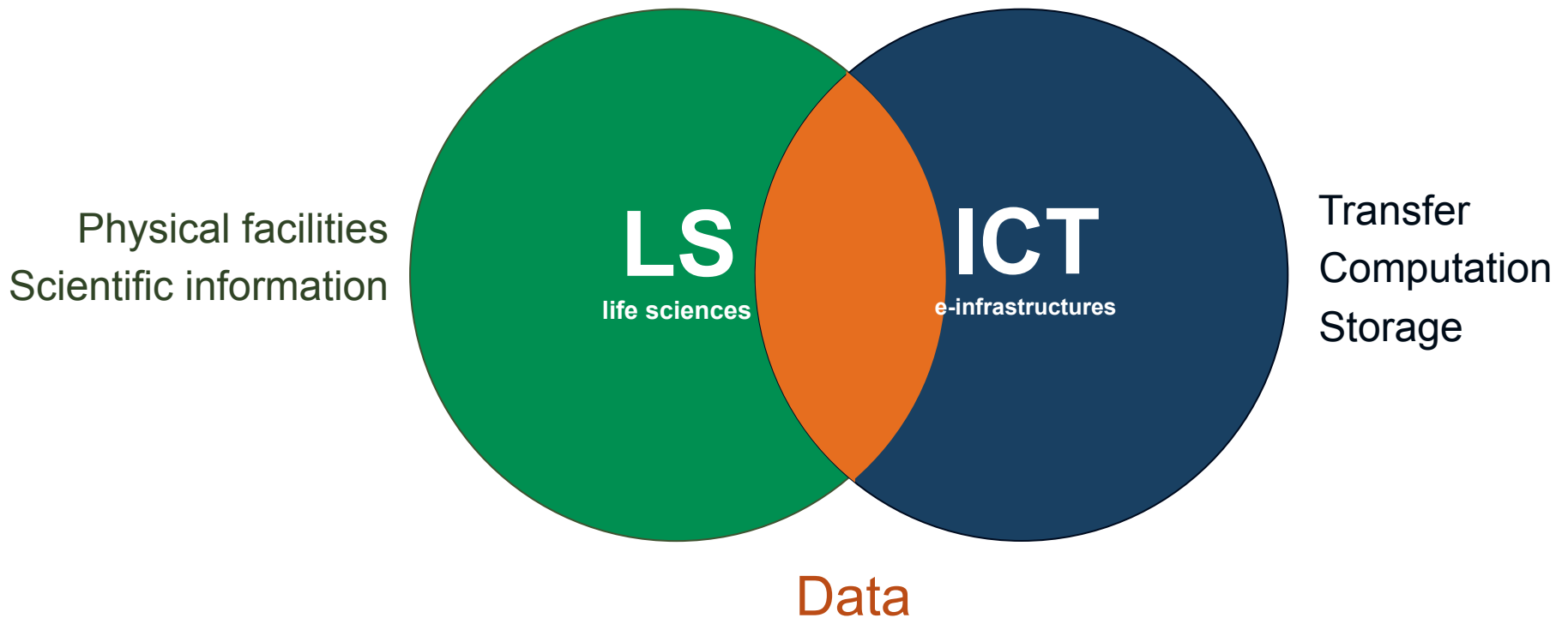
## e-infrastructures



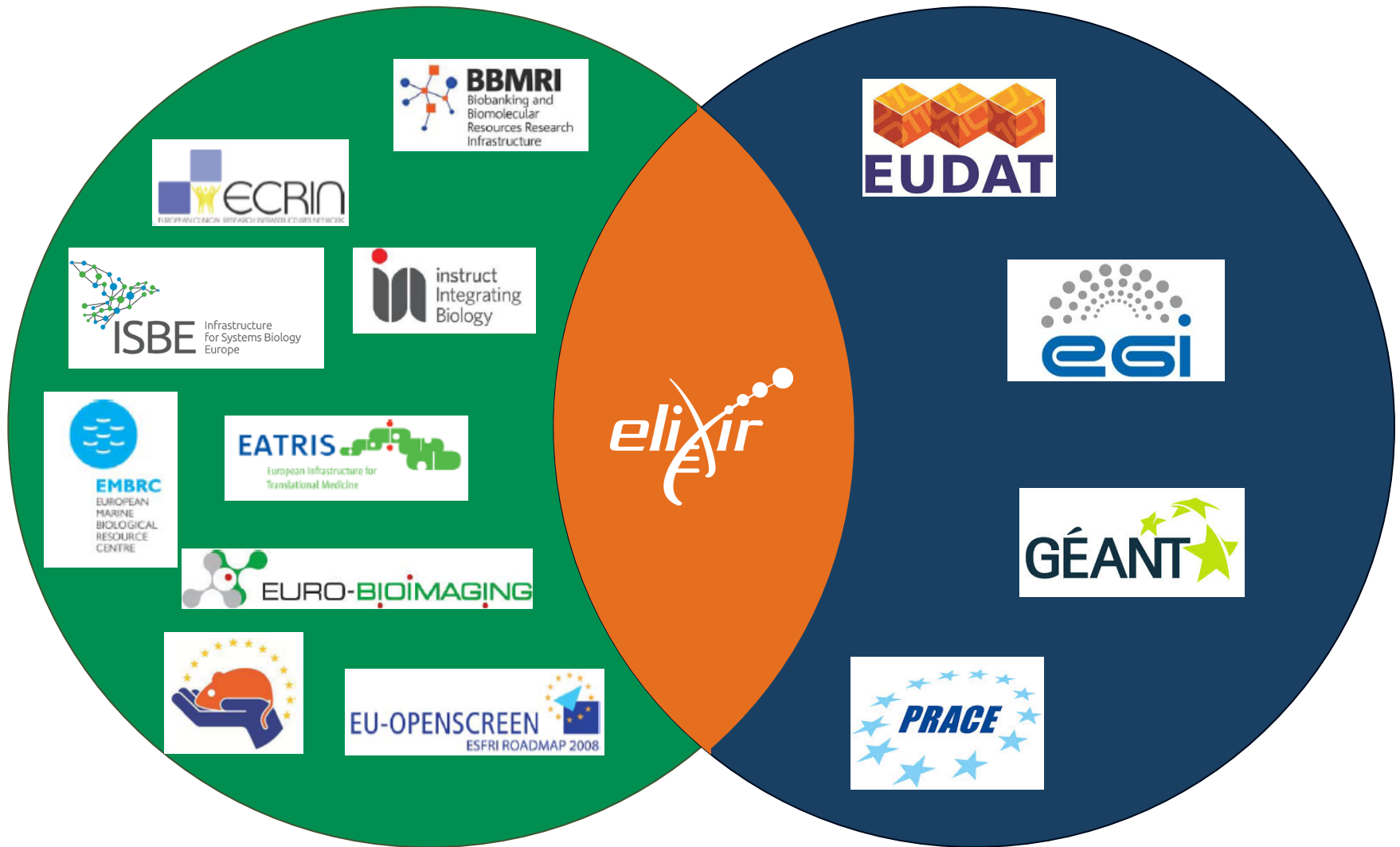
ICT

# Research infrastructures

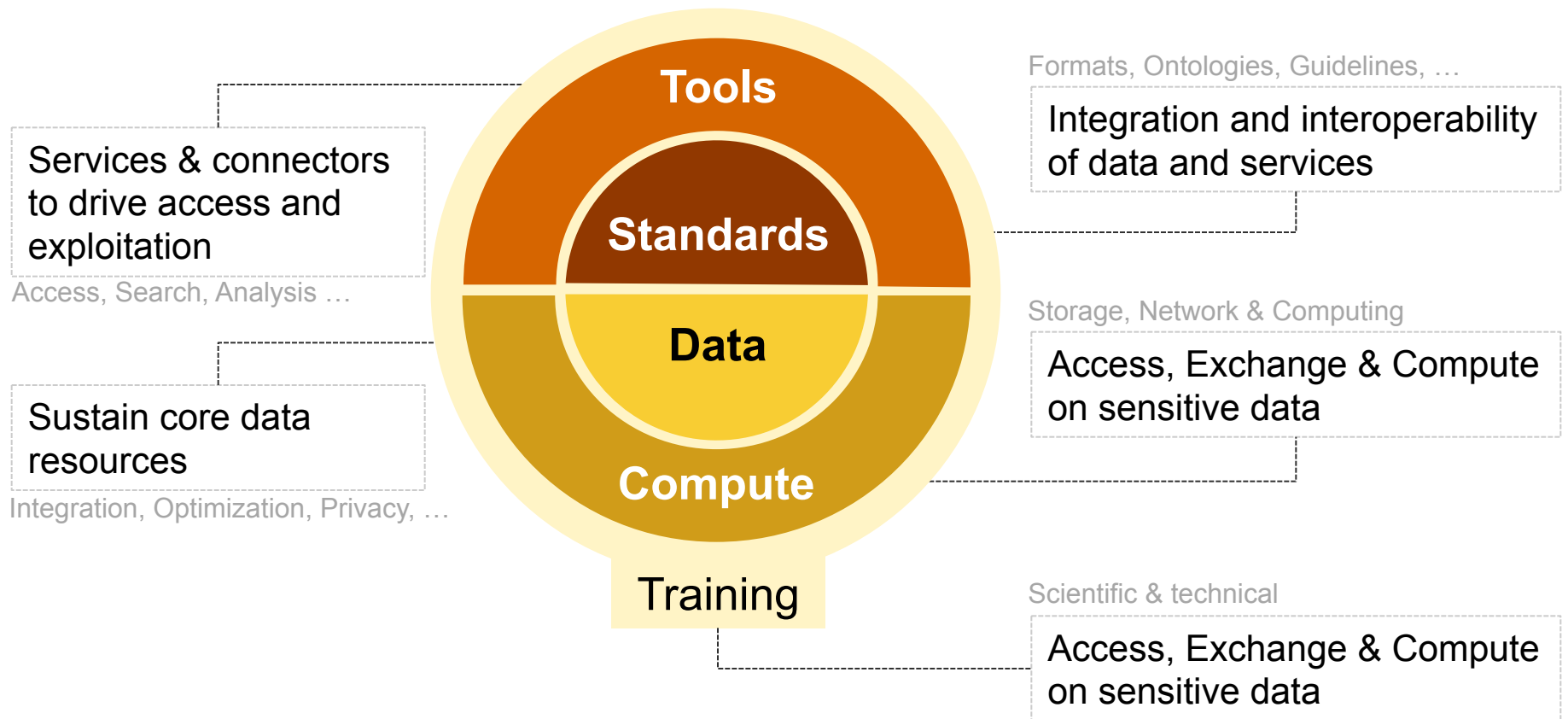
## Facilitate research



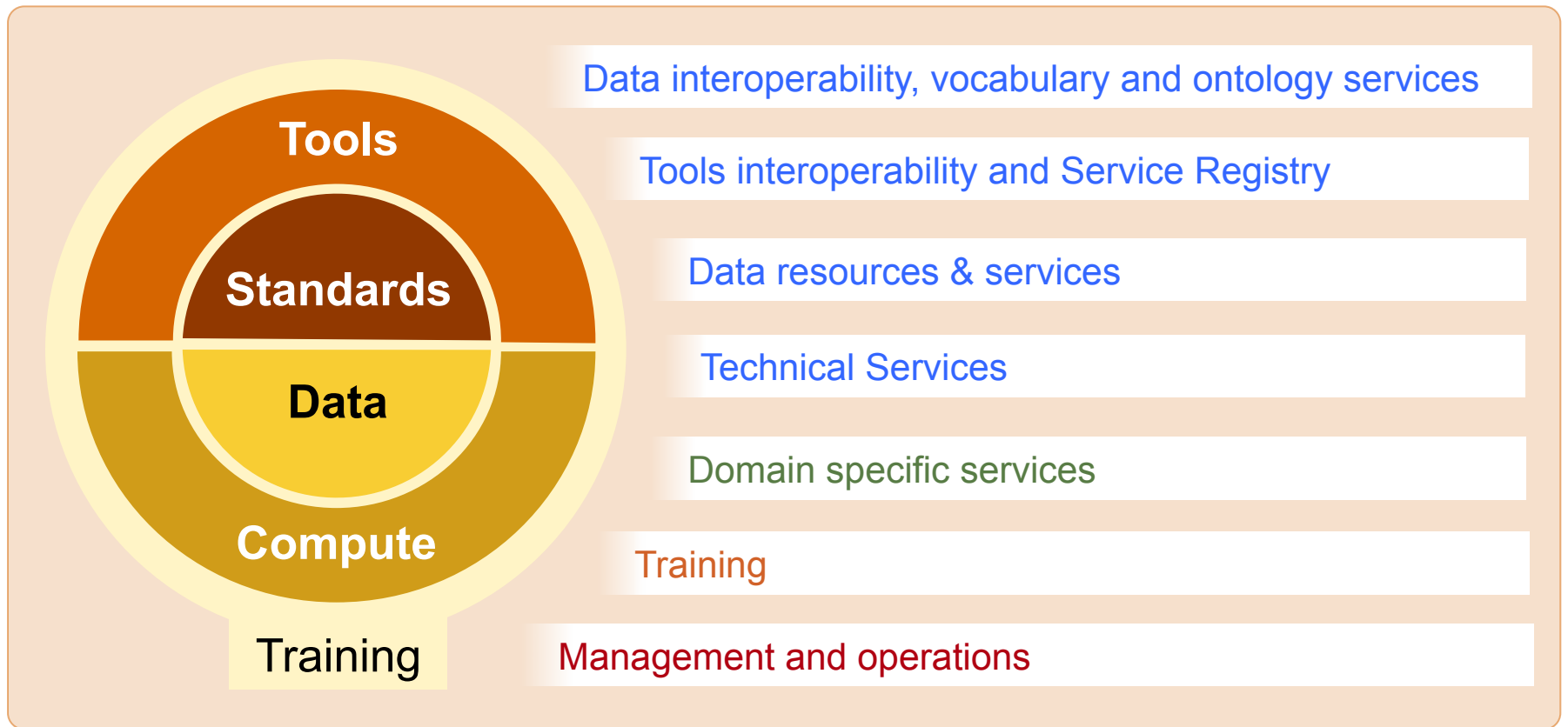
# Research infrastructures



# Infrastructure for Life Sciences

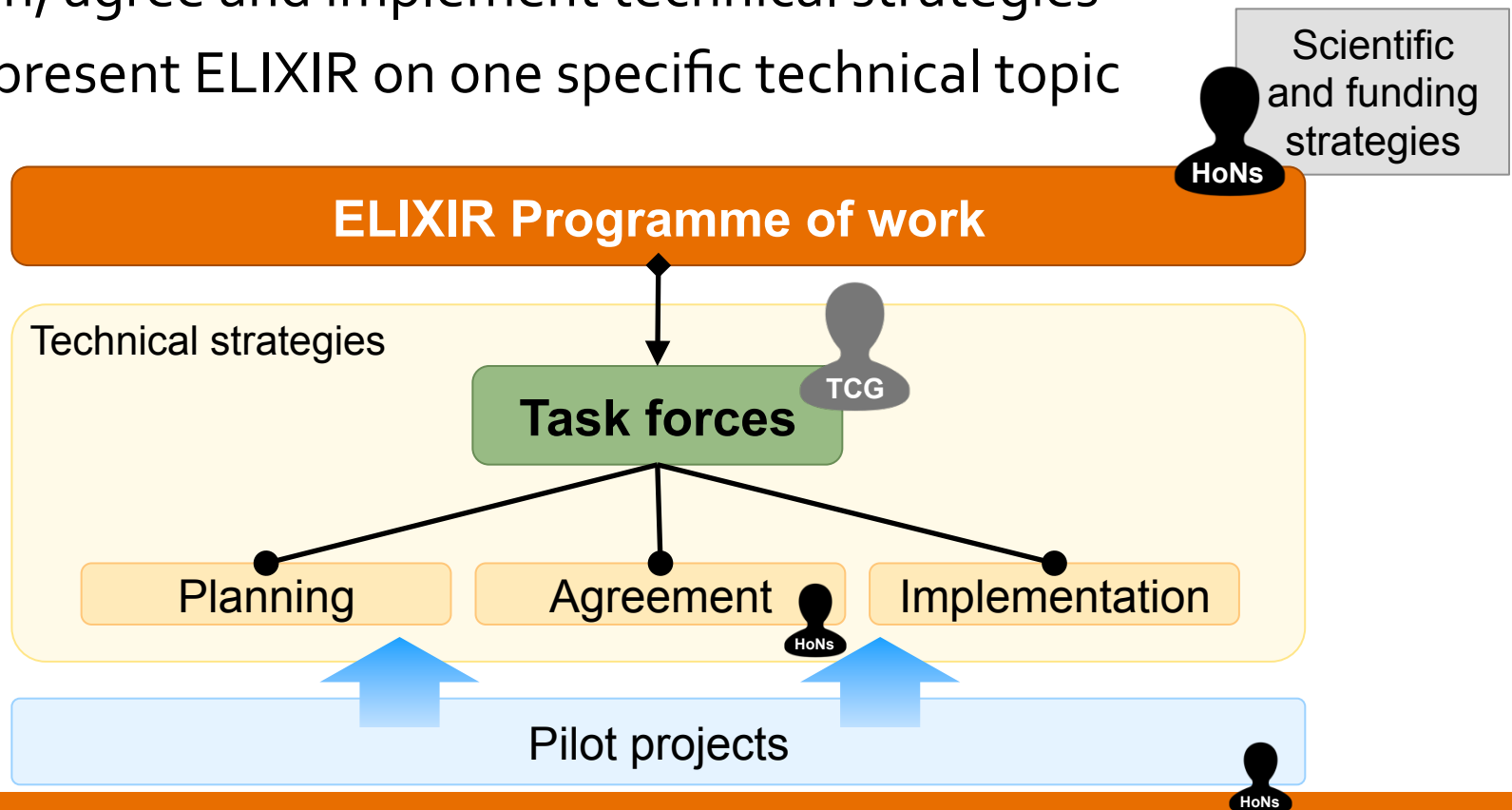


# Programme of work



# Task forces

- Working groups to coordinate the ELIXIR technical strategy
- Driven by national technical leads
- Plan, agree and implement technical strategies
- Represent ELIXIR on one specific technical topic





# ELIXIR Task Forces

<b>Task forces</b>	<b>Programme of work</b>
Cloud	Technical services
Storage	Technical services
Authentication and authorization	Technical services
Service registry	Tools Interoperability and Service Registry
Metrics, monitoring & quality control	Data resources and services
Communication	Management and Operations
Website	Management and Operations
Training portal	Training
e-Learning	Training

The ELIXIR node in Finland, EMBL-EBI, BiomedInra and the Finnish Biotechnology Research Centre (BRC) are working together to provide a comprehensive service for the Finnish life science community.

Collaborating organisations include the Ministry of Education and Culture, BiomedInra, and the Finnish Biotechnology Research Centre.

EMBL-EBI plays a pivotal role in ELIXIR. The bioinformatics resources we provide to the research community span the full spectrum of molecular biology, from nucleotide sequences to full systems.

Contact information for EMBL-EBI services, including website and email addresses.

The Danish ELIXIR node on bioinformatics tool interoperability and integration will address the most pressing in-house tool interoperability experienced by the life sciences community.

Contact information for the Danish ELIXIR node, including logos of partner organizations like DTU and Vetenskapsrådet.

ELIXIR France is a national node providing a comprehensive service for the French life science community.

Collaborating organisations include ANR and the French Biotechnology Research Centre.

The SIB Swiss Institute of Bioinformatics, Swiss node of ELIXIR, focuses on bioinformatics activities throughout Switzerland.

Contact information for the Swiss ELIXIR node, including website and email addresses.

The Swedish ELIXIR node will initially contribute with the European Protein Atlas (EPA) project.

Contact information for the Swedish ELIXIR node, including logos of partner organizations like Vetenskapsrådet and various research centers.

ELIXIR Norway is a national node providing a comprehensive service for the Norwegian life science community.

Collaborating organisations include the Norwegian Research Council and various research centers.

ELIXIR Spain is a national node providing a comprehensive service for the Spanish life science community.

Contact information for the Spanish ELIXIR node, including website and email addresses.

ELIXIR NL is a national node providing a comprehensive service for the Dutch life science community.

Contact information for the Dutch ELIXIR node, including logos of partner organizations like NWO and various research centers.

ELIXIR UK is a national node providing a comprehensive service for the UK life science community.

Collaborating organisations include the Wellcome Trust and various research centers.

ELIXIR Slovenia is a national node providing a comprehensive service for the Slovenian life science community.

Contact information for the Slovenian ELIXIR node, including website and email addresses.

ELIXIR Israel is a national node providing a comprehensive service for the Israeli life science community.

Contact information for the Israeli ELIXIR node, including logos of partner organizations like various research centers.

ELIXIR Estonia is a national node providing a comprehensive service for the Estonian life science community.

Collaborating organisations include the Estonian Research Council and various research centers.

ELIXIR Portugal is a national node providing a comprehensive service for the Portuguese life science community.

Contact information for the Portuguese ELIXIR node, including website and email addresses.

ELIXIR Italy is a national node providing a comprehensive service for the Italian life science community.

Contact information for the Italian ELIXIR node, including logos of partner organizations like the National Research Council of Italy and various research centers.

# ELIXIR node proposals

# Service delivery plan

