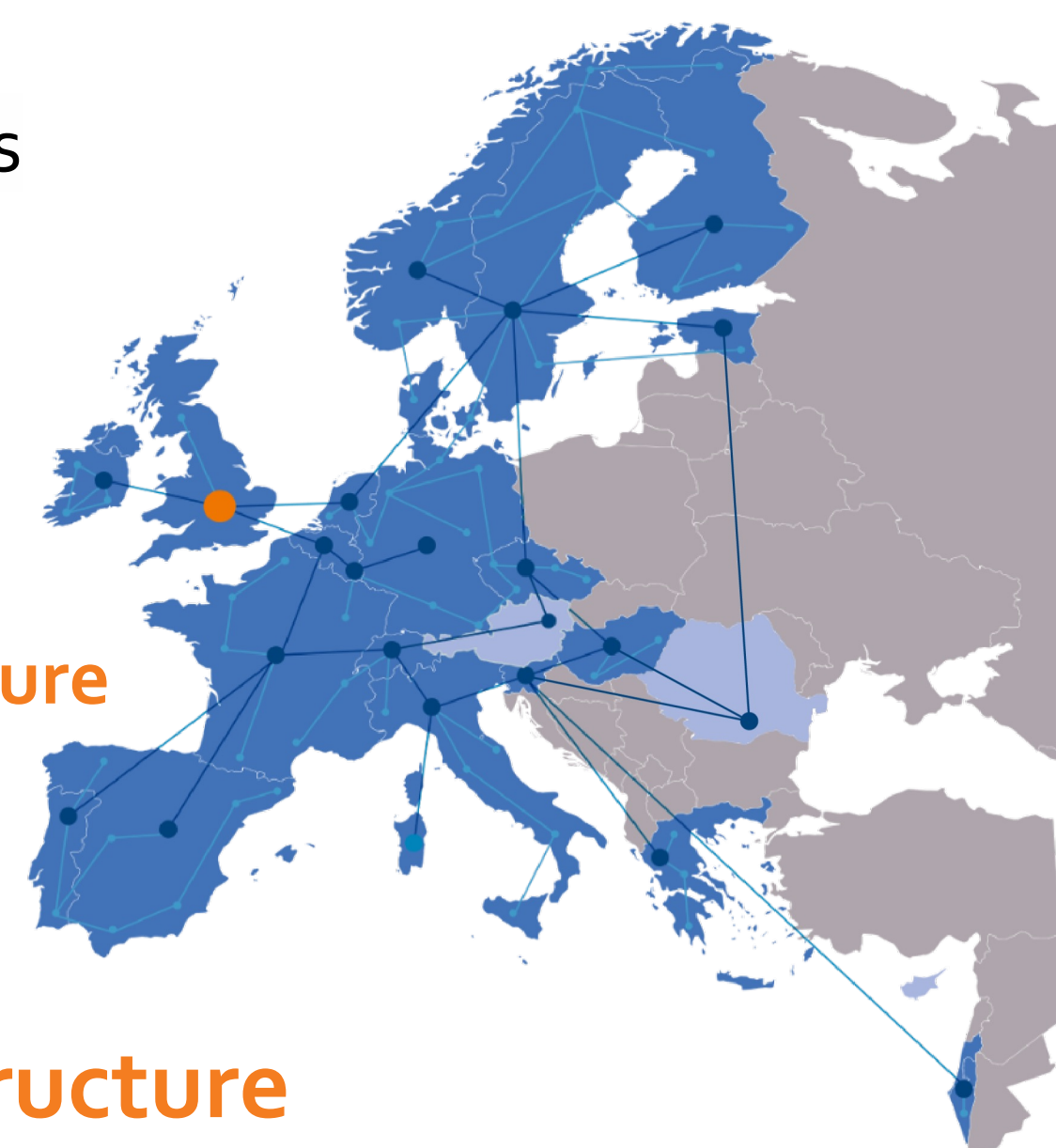


ELIXIR is an intergovernmental organisation that brings together life science resources such as

-  databases
-  software tools
-  training resources
-  interoperability resources
-  compute resources
-  data management support

to coordinate **bioinformatics resources** across Europe to form an **interconnected infrastructure**



Research Data Management

The toolkit for research data management in life sciences:
Best practices and guidelines to help you make your data FAIR



<https://rdmkit.elixir-europe.org>



A platform to enable FAIR-by-design: make FAIR data practises part of the daily research process, and submit high quality annotated data to community repositories

<https://datahub.elixir-belgium.org>

RO-Crate is a FAIR Digital Object implementation based on linked data formats, which allows for packaging data with rich metadata to make it actionable and improve interoperability.



<https://researchobjectorg/ro-crate/>

Reproducible Data Analysis

A multi-user research environment for reproducible data analysis in life sciences as well as other domains such as biodiversity and industrial biotechnology.



<https://usegalaxy.be>

Supported by



A registry for describing, sharing and publishing scientific computational workflows, integrated with GitHub and Workflow Management Systems.



<https://workflowhub.eu>

Sensitive Data Infrastructure

The GDI project is enabling access to genomic and related phenotypic and clinical data across Europe, by establishing a federated, sustainable and secure infrastructure.



European
Genomic Data
Infrastructure

<https://gdi.onemilliongenomes.eu>

We build on the outputs of the Beyond 1 Million Genomes (B1MG) project to realise the ambition of the 1+Million Genomes (1+MG) initiative, and contribute to the establishment of the European Health Data Space (EHDS).

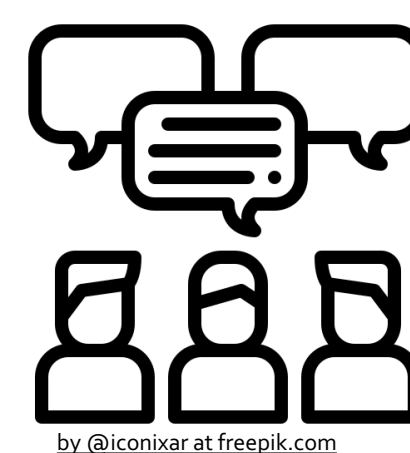
In Belgium, we are building an extended network of trust including health researchers, a framework "Federated Learning for Everyone" (FL4E) and a toolkit to enable its adoption by researchers and infrastructures.

<https://wings.esat.kuleuven.be>



Training

By using active learning, training is invested in upskilling researchers and all scientific staff in data management, data science, reproducible analysis and handling of sensitive data while encouraging the adoption of Open and FAIR Science practices. We also focus on the effective use of the ELIXIR Belgium Node services.



<https://www.elixir-belgium.org/training>

<https://www.elixir-belgium.org/services>

ELIXIR Belgium is hosted by VIB, as part of VIB Data Core, and has as partners:



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