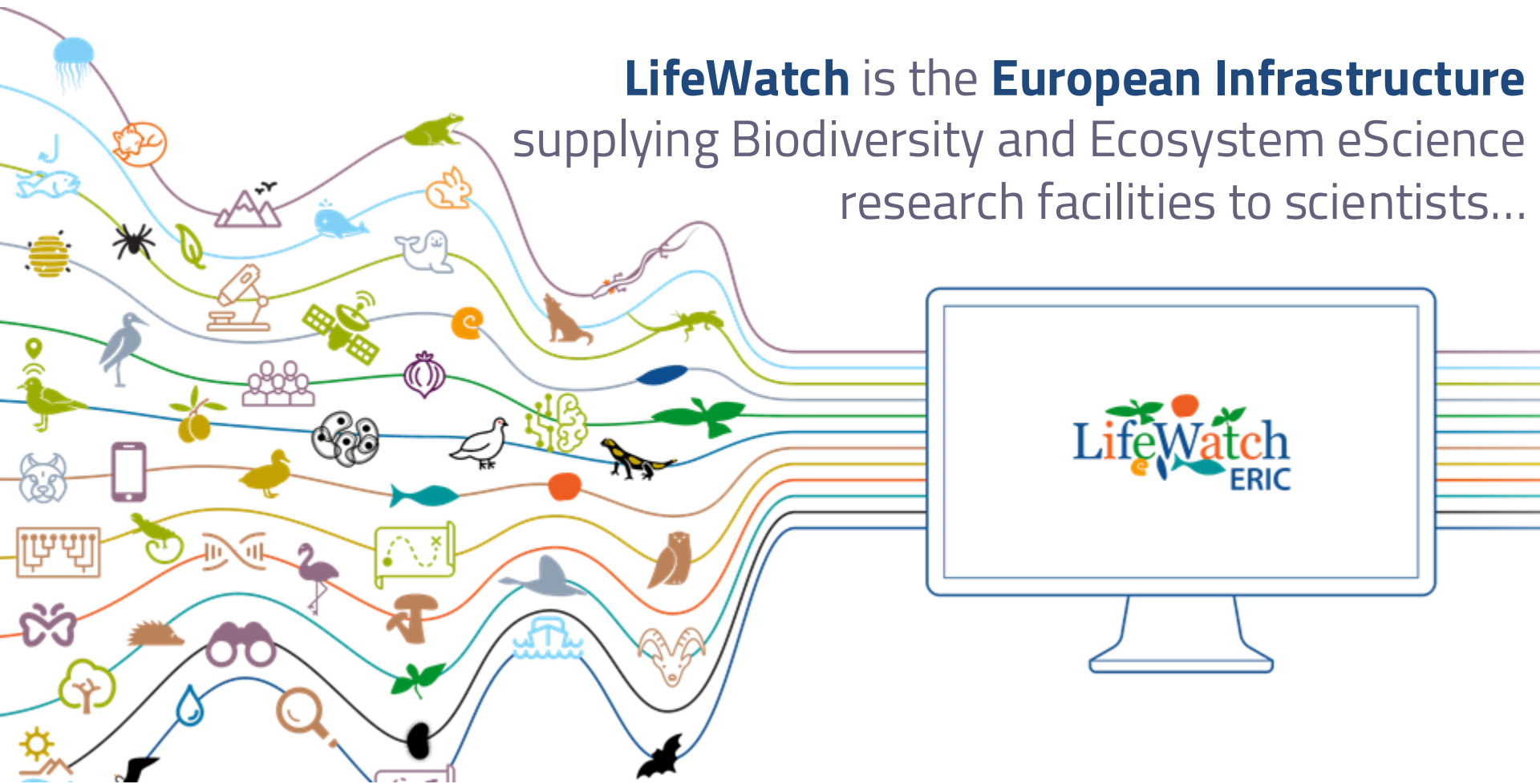


LifeWatch ERIC in a nutshell



What is LifeWatch ERIC

LifeWatch is the **European Infrastructure** supplying Biodiversity and Ecosystem eScience research facilities to scientists...

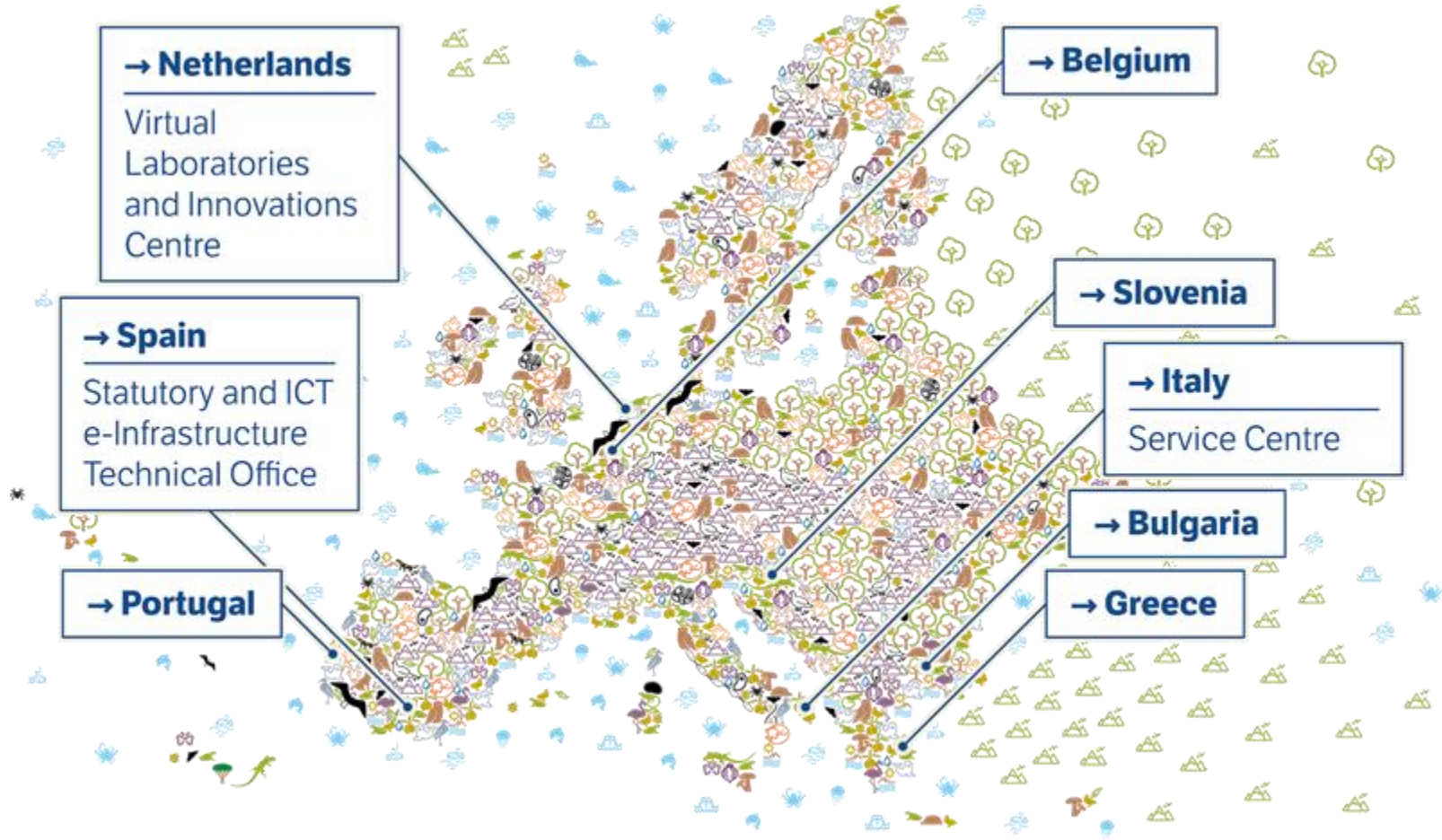


What is LifeWatch ERIC



The **goal** of the **LifeWatch ERIC infrastructure** is the construction of virtual “workbenches” with e-services that allow its user communities to analyse patterns and trends in biodiversity in space and time, its (natural or man-made) drivers and the impacts on ecosystems.

LifeWatch ERIC Common Facilities & Members



LifeWatch ERIC Federation

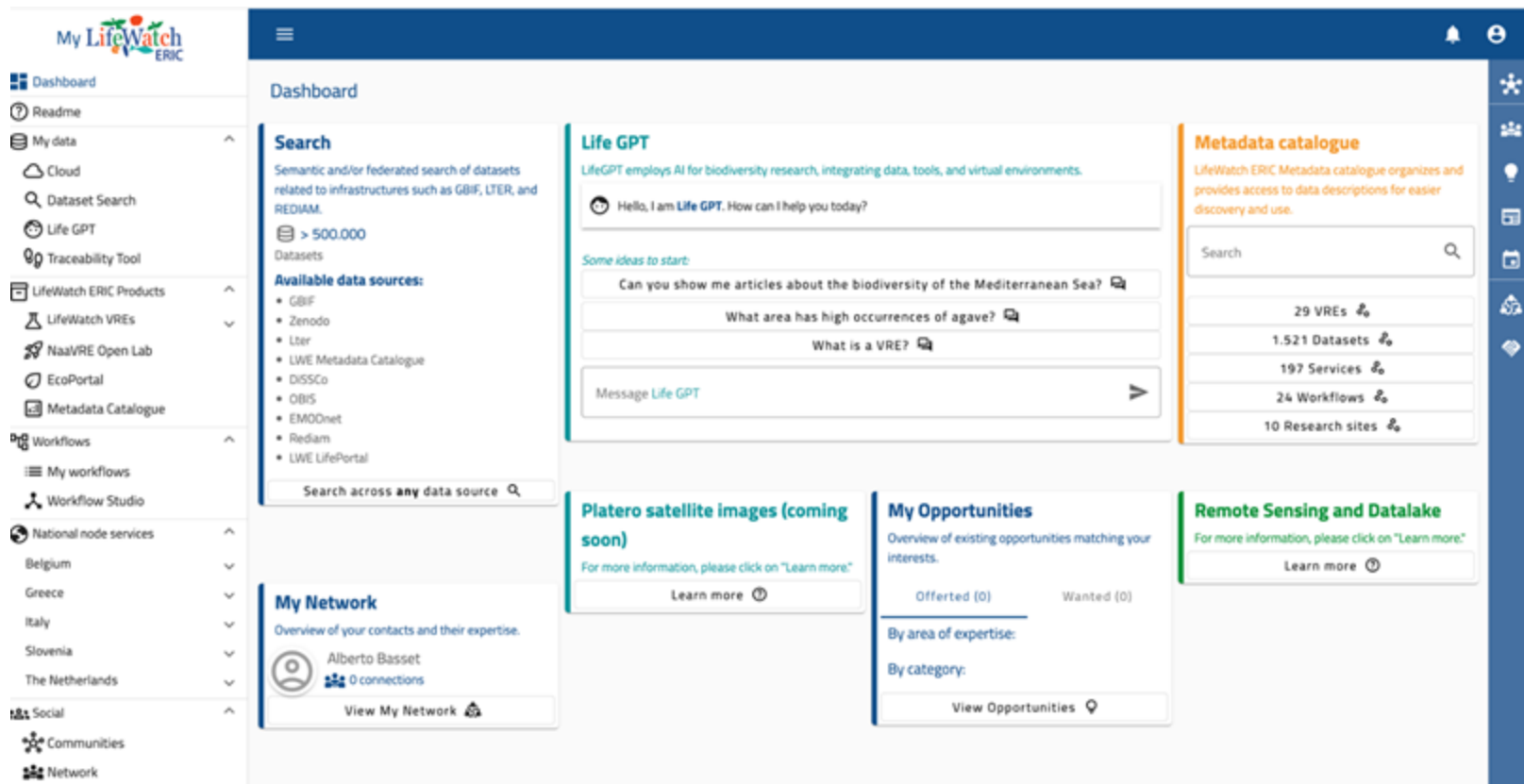
LifeWatch ERIC Federation



Working groups



LifeWatch ERIC Federation



The screenshot displays the LifeWatch ERIC Federation dashboard, which is organized into several key sections:

- Left Sidebar (Navigation):**
 - My LifeWatch ERIC** (Logo)
 - Dashboard**
 - Readme**
 - My data**
 - Cloud
 - Dataset Search
 - Life GPT
 - Traceability Tool
 - LifeWatch ERIC Products**
 - LifeWatch VREs
 - NaaVRE Open Lab
 - EcoPortal
 - Metadata Catalogue
 - Workflows**
 - My workflows
 - Workflow Studio
 - National node services**
 - Belgium
 - Greece
 - Italy
 - Slovenia
 - The Netherlands
 - Social**
 - Communities
 - Network
- Main Content Area:**
 - Dashboard Header:** Includes a hamburger menu, a notification bell, and a user profile icon.
 - Search Section:**
 - Search:** Semantic and/or federated search of datasets related to infrastructures such as GBIF, LTER, and REDIAM. > 500,000 Datasets.
 - Available data sources:**
 - GBIF
 - Zenodo
 - Lter
 - LWE Metadata Catalogue
 - DiSSCo
 - OBIIS
 - EMOOnet
 - Rediam
 - LWE LifePortal
 - Search across any data source** (with search icon)
 - Life GPT Section:**
 - Life GPT:** LifeGPT employs AI for biodiversity research, integrating data, tools, and virtual environments.
 - Chat interface: "Hello, I am Life GPT. How can I help you today?"
 - Some ideas to start:**
 - Can you show me articles about the biodiversity of the Mediterranean Sea?
 - What area has high occurrences of agave?
 - What is a VRE?
 - Message Life GPT** (with send icon)
 - Metadata catalogue Section:**
 - Metadata catalogue:** LifeWatch ERIC Metadata catalogue organizes and provides access to data descriptions for easier discovery and use.
 - Search** (with search icon)
 - Statistics:**
 - 29 VREs
 - 1,521 Datasets
 - 197 Services
 - 24 Workflows
 - 10 Research sites
 - Platero satellite images (coming soon) Section:**
 - Platero satellite images (coming soon):** Overview of existing opportunities matching your interests.
 - Learn more** (with info icon)
 - My Opportunities Section:**
 - My Opportunities:** Overview of existing opportunities matching your interests.
 - Offered (0)** | **Wanted (0)**
 - By area of expertise:**
 - By category:**
 - View Opportunities** (with location pin icon)
 - Remote Sensing and Datalake Section:**
 - Remote Sensing and Datalake:** For more information, please click on "Learn more."
 - Learn more** (with info icon)
 - My Network Section:**
 - My Network:** Overview of your contacts and their expertise.
 - Alberto Basset** (with profile icon)
 - 0 connections** (with people icon)
 - View My Network** (with location pin icon)

Data Basis, Data Flow, Data Providers

FAIR Principles



Image: Illustrations from the Turing Way book dashes.
Zenodo. <http://doi.org/10.5281/zenodo.3695300>



Image: Icons by Freepik from www.flaticon.com and ARDC
<https://conference.eresearch.edu.au/fair-go-new-resources-to-support-fair-data/>

Data Basis, Data Flow, Data Providers

Open Science Principles

Data and other research outputs are available in the public domain or under copyright and licensed under an open licence that allows access, re-use, repurpose, adaptation and distribution under specific conditions.

UNESCO Recommendation on Open Science 2022 version 1.
<https://doi.org/10.54677/UTCD9302>

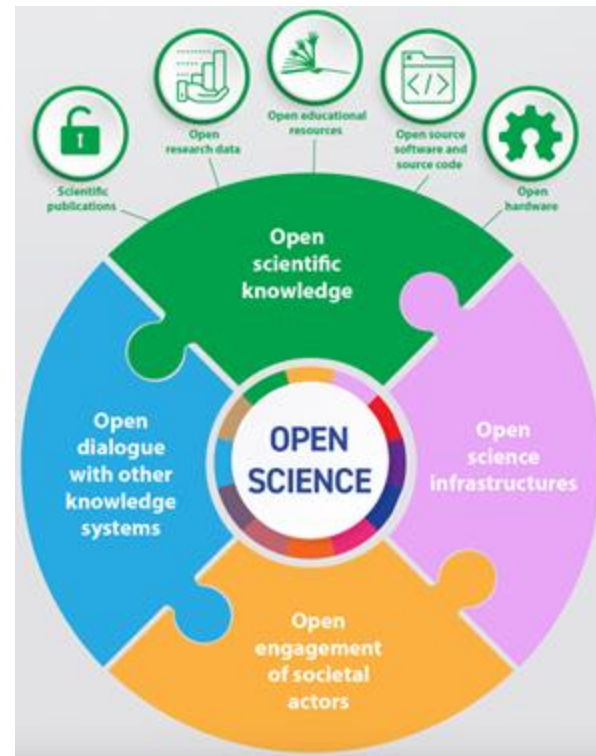


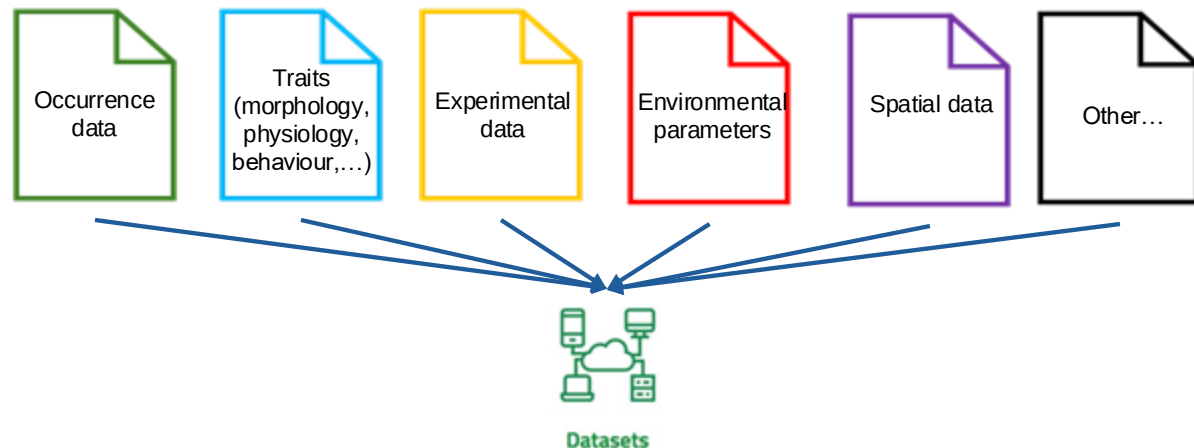
Image: UNESCO Open Science brochure

Data Basis, Data Flow, Data Providers

LifeWatch Italy Data Portal



Researcher



Open data formats can be uploaded:
csv, tiff, json, png, etc.



Thank you

Alberto Basset

▪ alberto.basset@lifewatch.eu