



LifeWatch ERIC in support of the user communities: who we are, what we offer, where we want to be

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LifeWatch ERIC



Learn more
here:





What is LifeWatch ERIC?

LifeWatch is an ERIC (European Research Infrastructure Consortium) providing e-Science research facilities to scientists working on biodiversity and ecosystem structure and functions, and the services they offer to mankind, in order to support society in addressing key planetary challenges.



What is LifeWatch ERIC?

1. Vision

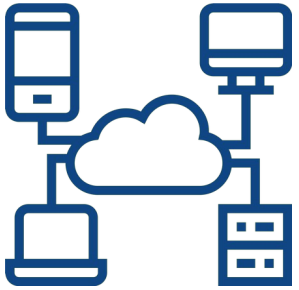
Become the Research Infrastructure providing access to the world's biodiversity content, services and communities in one click.

2. Mission

Accelerate the research effort of the scientific community by delivering the European state-of-the-art e-Infrastructure on Biodiversity and Ecosystem Research: a Digital Twin which provides (a) access to, and support for, key scientific services by applying cutting-edge ICT technology, (b) enables reproducible analytics, (c) is co-designed and co-created with the user communities and (d) is tuned with the needs for research that provides key insights for society, in particular science-based policy.



What we offer?



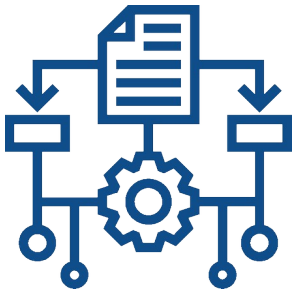
> 1500
Datasets



>115
Services



12
VREs



5
Workflows



32
Training
resources

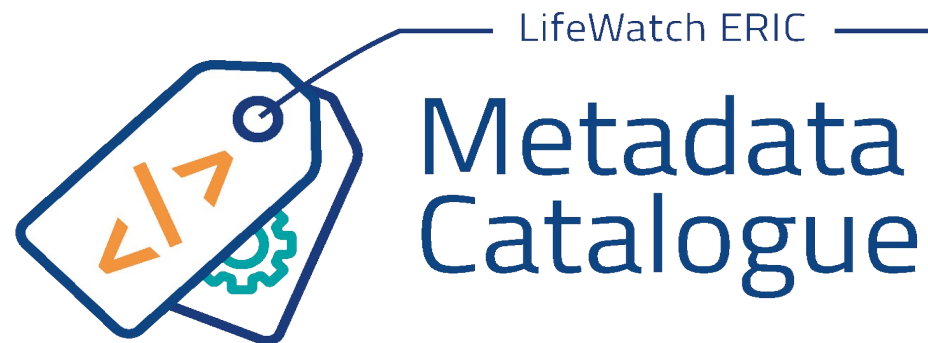


11
Research
sites



What we offer?

<  > **Eco**Portal



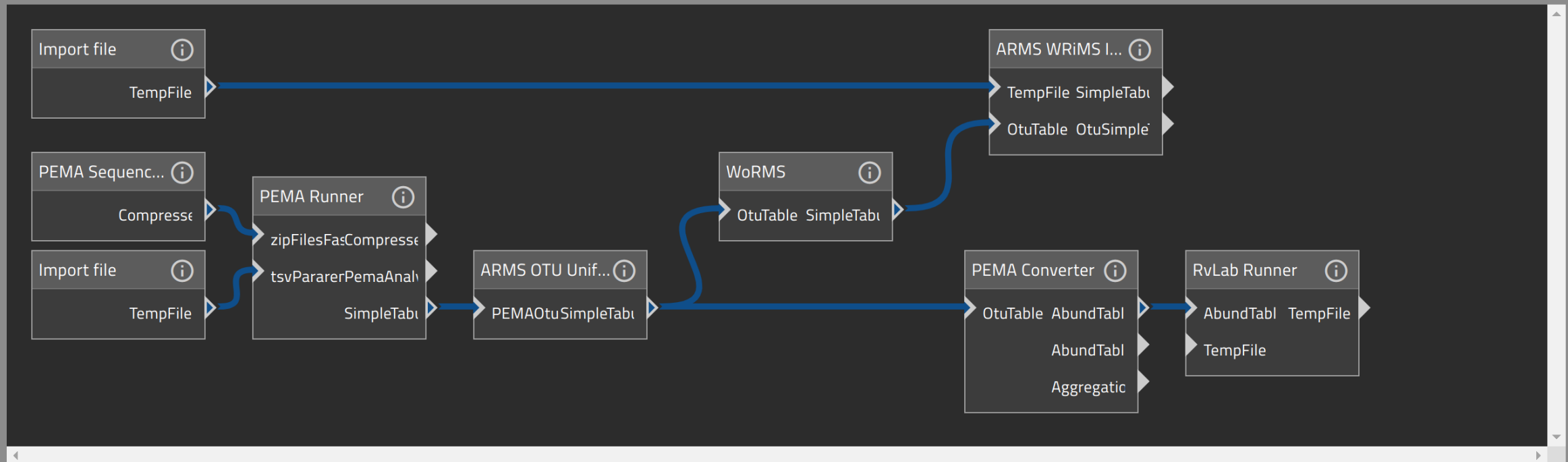
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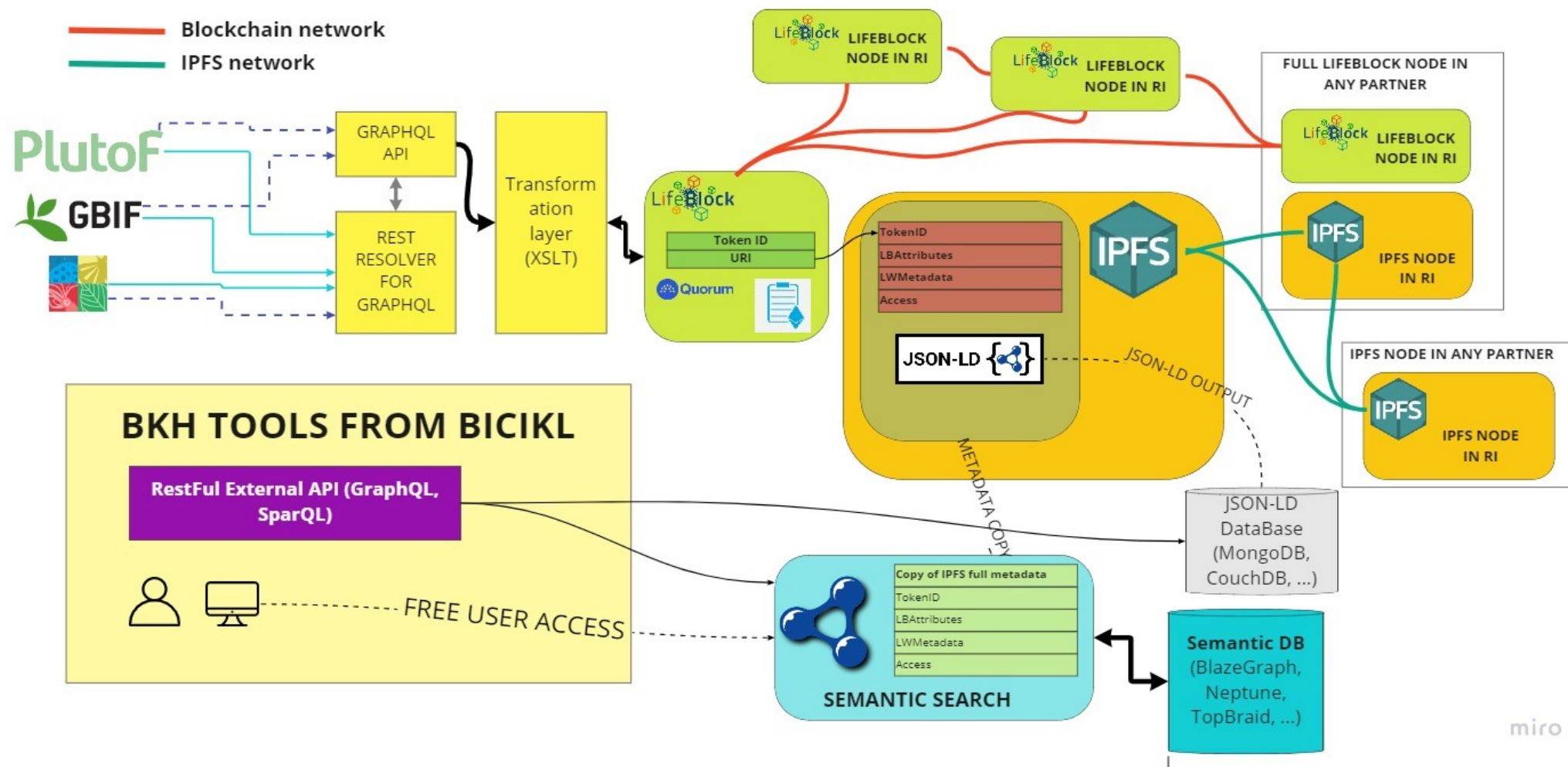
What we offer? Tesseraact - IJI

≡ IJI NIS Workflow Environment ****BETA****



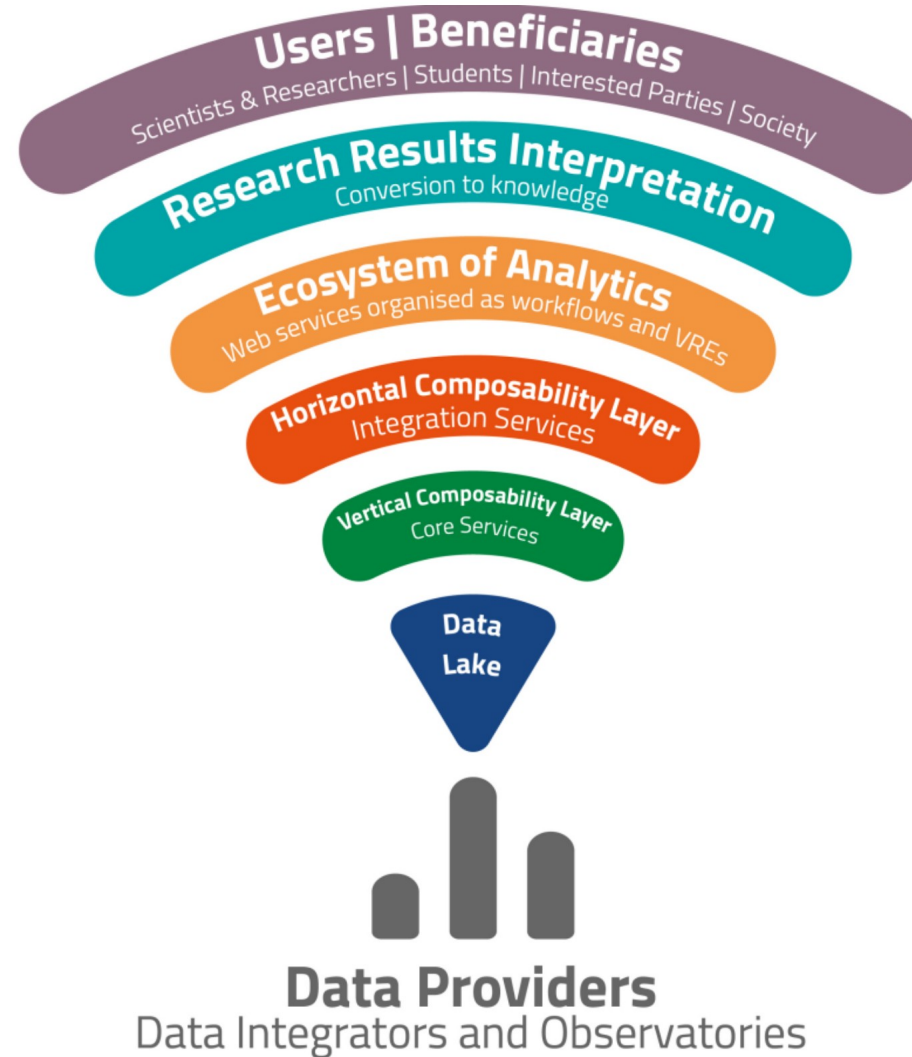


What we offer? LifeBlock (BiCIKL)





What we offer? New architecture





What we offer

- Access to **multiple data** and **service resources** in **one click**, for example access to biological and environmental data at the same time;
- Provision of **workflows** dedicated to specific lines of research with **customised data** and **services**;
- Enabling the **user to develop** her/his **own workflow**, depending on the working hypotheses and the content and services available, **on the fly**;
- **Serving** the individual researchers or their **communities** from **multiple disciplines (/ domains)** by providing **multiple workflows** that can test the same hypothesis in parallel and then compare the results.



Thank you for your attention!

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