

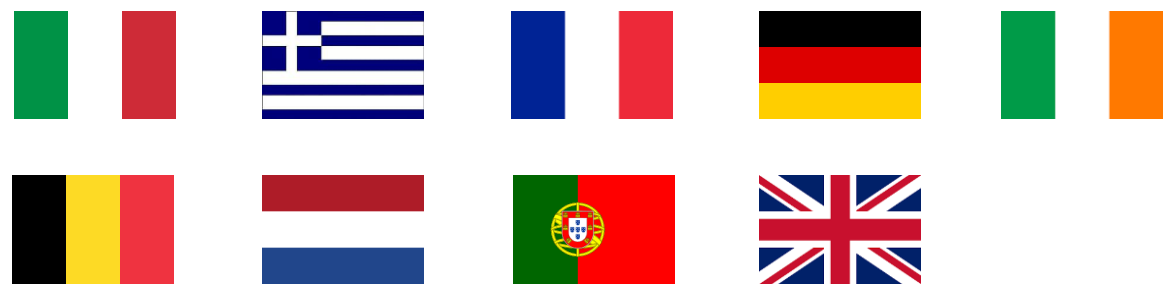
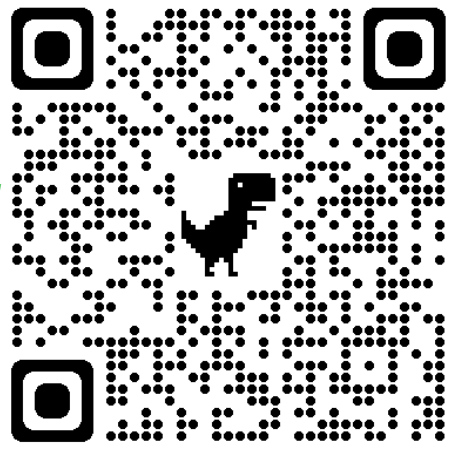
Trans-regional implication of Belgium in the EOSC-association's FAIR-EASE project

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The FAIR EASE project

- **EU-funded project** that sails under the European Open Science Cloud (EOSC)-Association flag
- **Project's partners:** A consortium of **25 partners + 3** affiliated entities in **9** different EU Member States and associated countries
- **Duration:** 3 years (2022-2025)
- **Workflow:** 3 Use Cases and 5 Pilots (Figure 1) within 6 Work Packages (Figure 2)
- **Overall objective:** Customise and operate distributed and integrated services for the observation and modelling of the Earth system, environment and biodiversity to build **the first interdomain digital architecture for integrated use of environmental data**

Access
FAIR EASE
website
here



3 Use Cases bringing real-life science challenges from the Earth and Environmental communities



FIGURE 1: FAIR EASE's Use Cases and concrete Pilots

Implication of Belgian institutions in the development of FAIR EASE

3 Belgian institutions involved

- **The Institute of Natural Sciences**
- **The Flemish Marine Institute**
- **The University of Liège GeoHydrodynamics and Environment Research group (GHER)**
- See Figures 1, 2 & 3 for the distribution of Belgian institutes within FAIR EASE

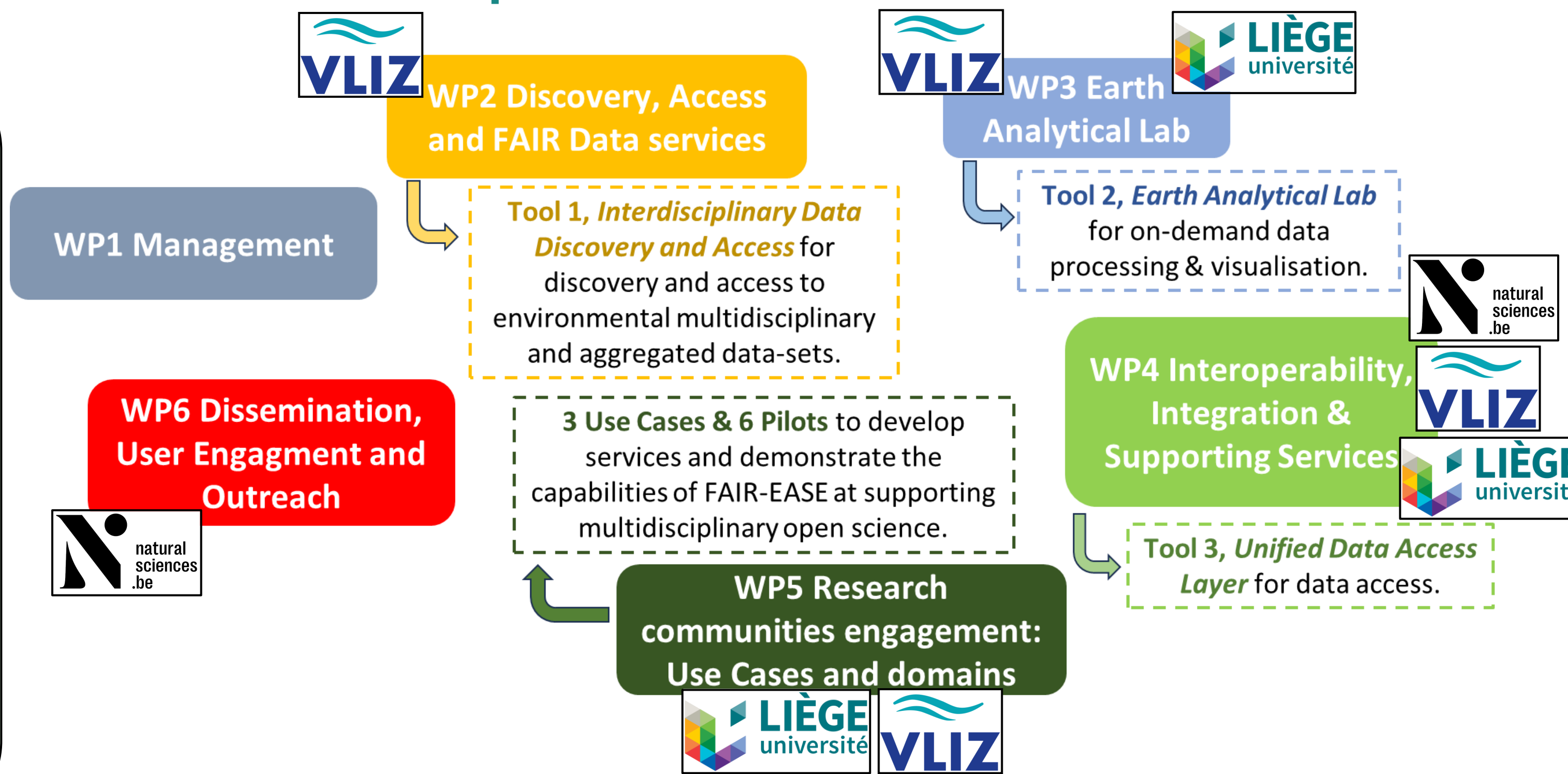


FIGURE 2: Three Belgian institutions involved in 5 FAIR EASE's work packages

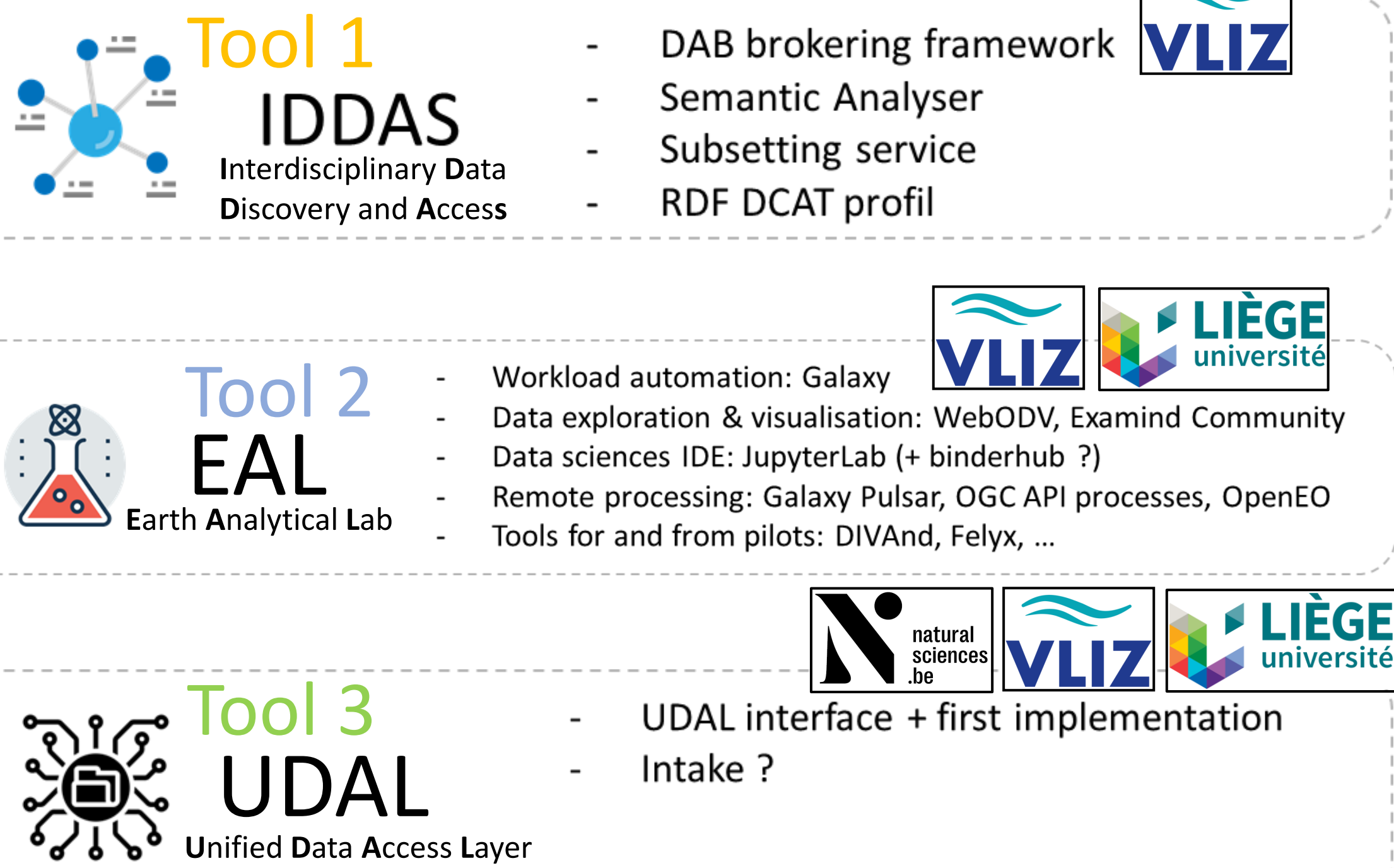


FIGURE 3: FAIR EASE's tools developed with Belgian institutions

Links with the Belgian Open Science community

- **The Institute of Natural Sciences**
 - Open access reports and deliverables via Zenodo
 - Models and results of technical aspects tested in WP4 available in thematic repositories respecting EOSC open-access agreements & Creative Commons Attribution International Public Licence
 - Evaluation and promotion of the FAIR principles across disciplines
- **The Flemish Marine Institute**
 - Technical approaches to facilitate open-source and -science data sharing (Coding, standardisation, automatization, mix with industrial software) following the FAIR- and EOSC association-principles
 - Daily interactions with local scientists and Research Infrastructures (e.g. EMBRC and LifeWatch).
- **The University of Liège**
 - Open-source software tools, scripts, notebooks and source codes for creation of data products (e.g. biodiversity or climate gridded maps) via the GitHub repositories (<https://github.com/gher-uliege>) and Zenodo