



FNS - Cloud
Food Nutrition Security



Use case 3: Added Value for a Thematic Cloud and RI

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ESFRI RIs - EOSC Workshop

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FNS-Cloud and METROFOOD-PP

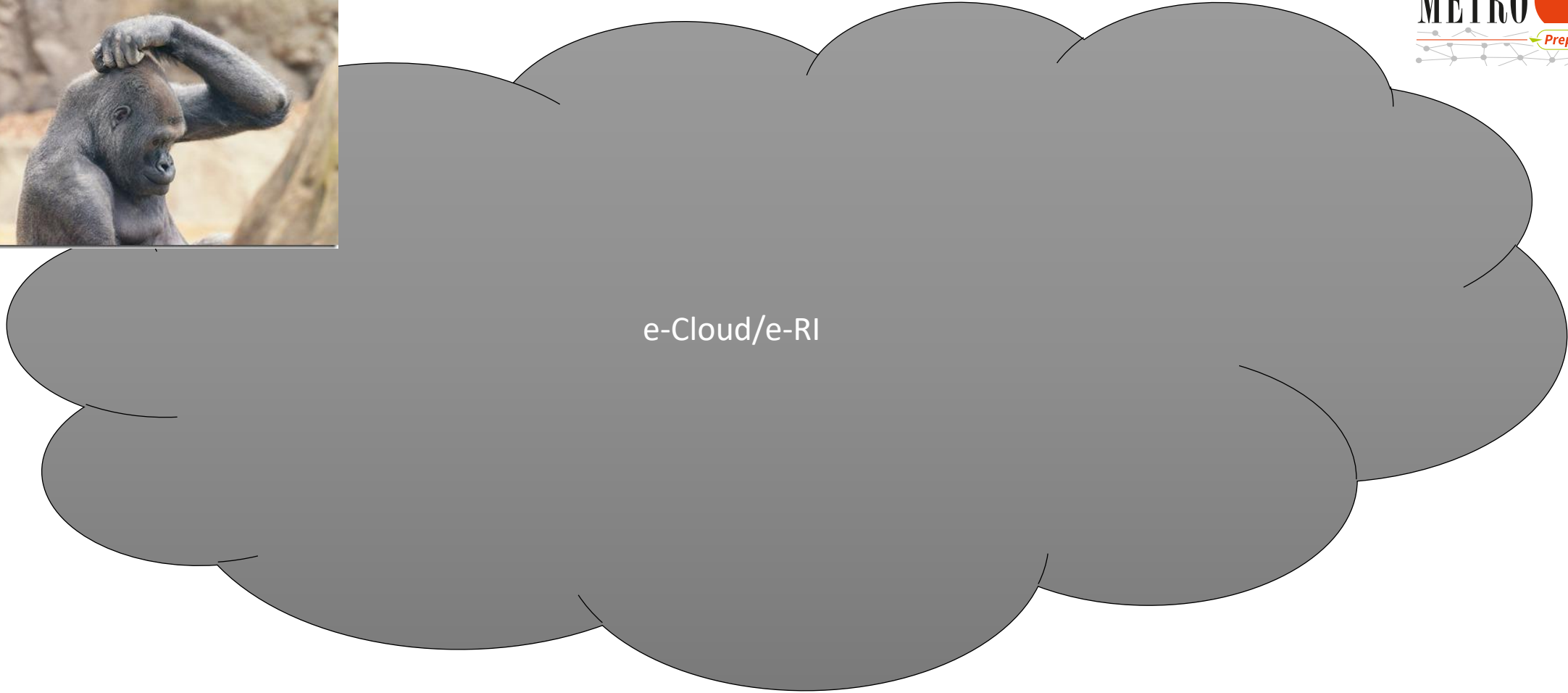


- **FNS-Cloud** is a **thematic EOSC cloud** for food and nutrition security
- Launches a first-generation **‘food cloud’**, federating existing and emerging resources
- Covers health, nutrition and agri-food science

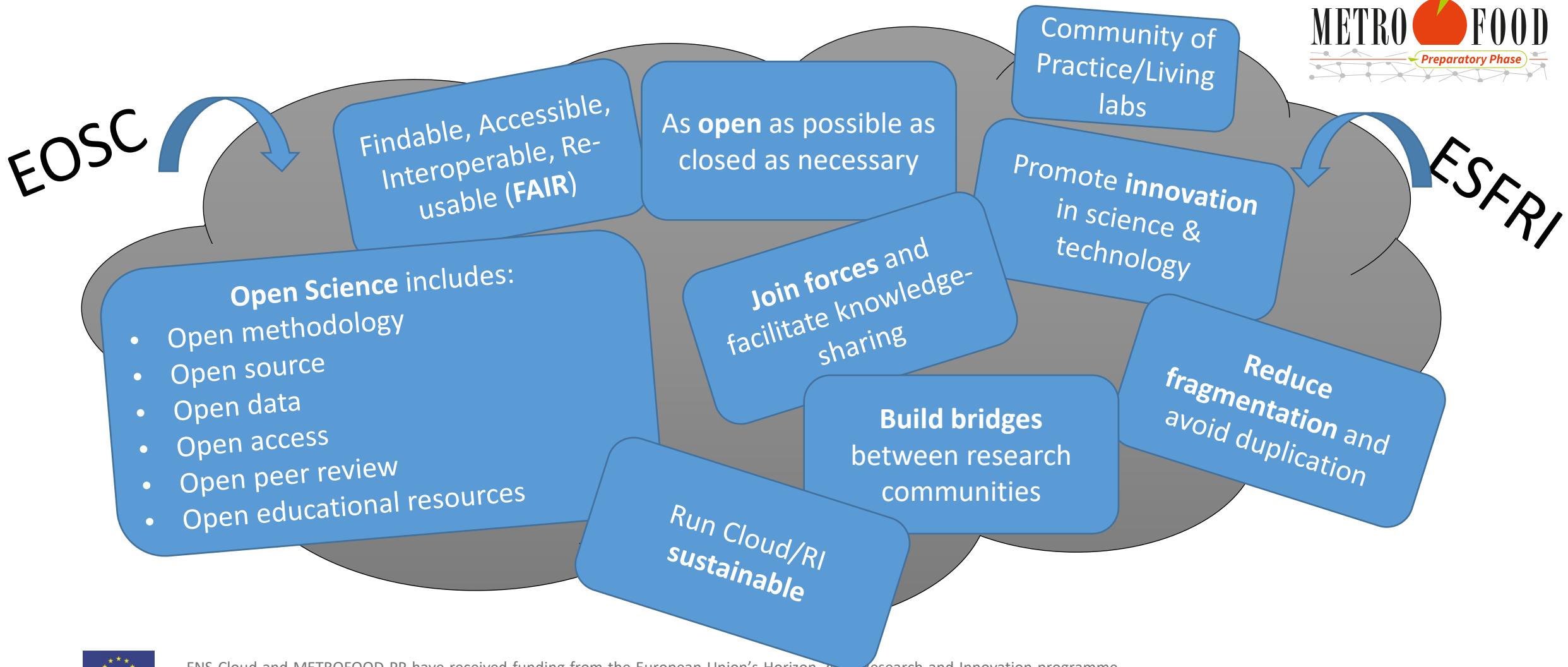


- **METROFOOD-RI** is a distributed research infrastructure
- Promotes **metrology in food and nutrition**
- Entered **ESFRI roadmap** in 2018
- Is current in its **preparatory phase**, METROFOOD-PP
- Covers agri-food, food safety, traceability and authenticity, and human health

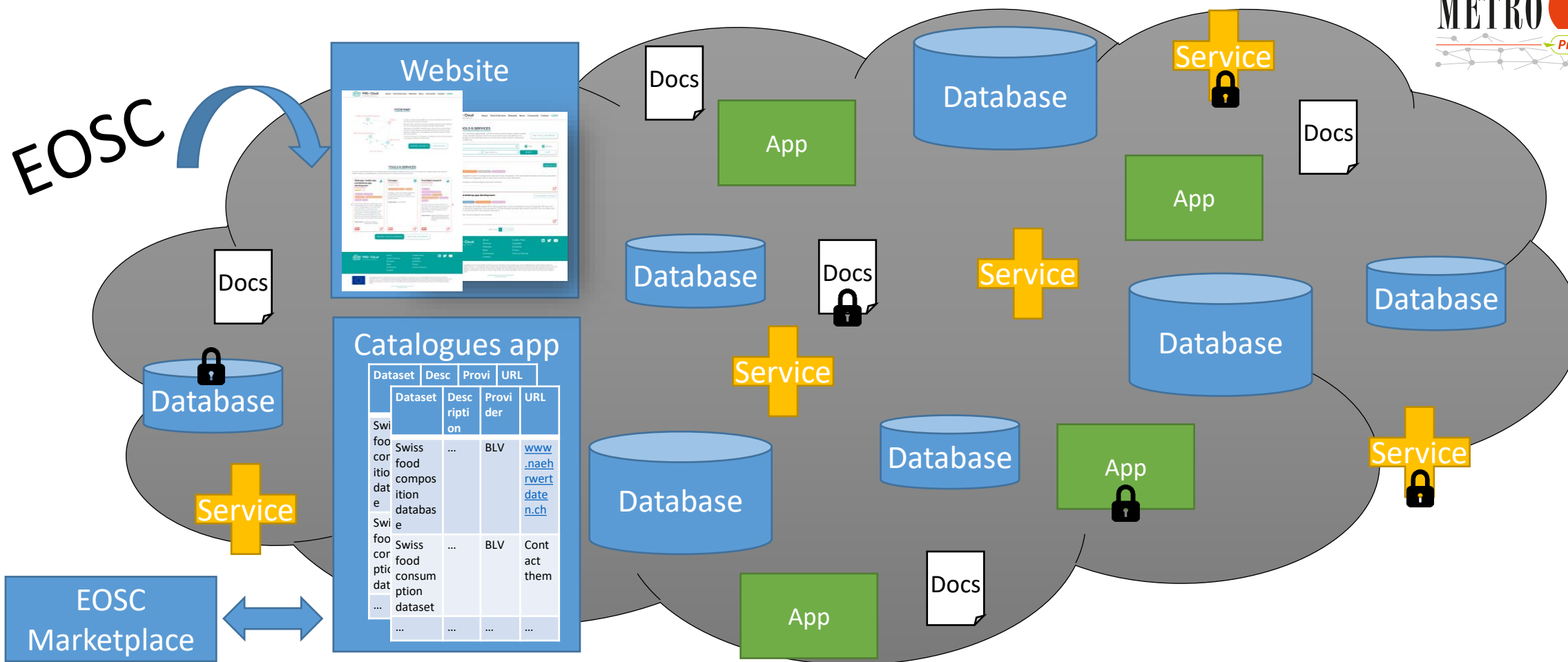
Start



General Concepts



Website and Catalogues



[Home](#) > [Datasets](#)

BROWSE DATASETS

This tool, which is an integral part of FNS-Cloud, allows to browse the collected Datasets base or by selected available Food Areas (from among the Agri-Food, Biological Activity, Food & Dr & Lifestyle or Nutrition and Health domain). Each dataset provides general information about contact data, technical details, collaboration possibilities, and other info).

SEARCH RESULTS

EuroFIR Food composition datasets (via FoodExplorer)

EuroFIR + IMDEA Food + other FNS partners

★★★★☆ 4 (6)

Composition

37 harmonised national food composition datasets from across Europe & Africa plus CA, U

Bioactive data (eBASIS/ePlantLIBRA)

QIB/EuroFIR/Hylobates + IMDEA Food

★★★★★ 0 (0)

Biological Activity

Composition

Toxicology

1) Quality evaluated data sourced from peer reviewed publications on the composition of fo adverse effects (eplantlibra only) 2) Potential papers are identified via searches of scientifi

[Home](#) > [Datasets](#)

EuroFIR Food composition datasets (via FoodExplorer)

EuroFIR + IMDEA Food + other FNS partners

★★★★☆ 4 (6)

Composition

37 harmonised national food composition datasets from across Europe & Africa plus CA, USA, NZ, Japan, accessed via the FoodExplorer tool

CONTACT:

Person: Paul Finglas
Email: pf@eurofir.org

DETAILS:

Target audience:
Access and usage restrictions: National datasets are owned and updated by countries, EuroFIR ownership of modified/standardized datasets in FoodExplorer.
Supported languages: Datasets in FoodExplorer are available both in English, and in their original language
Quality process:

TECHNICAL DETAILS:

Export capabilities:
Data size:

COLLABORATION POSSIBILITIES:

Non-profit: No
Joint-project: No
Commercial: No

OTHER INFORMATION:

Rate this dataset

Click on a star to rate it!



Catalogue Search Function

Filter

Food item/food group

Filter

Add

Presentation

Show result as

X-axis

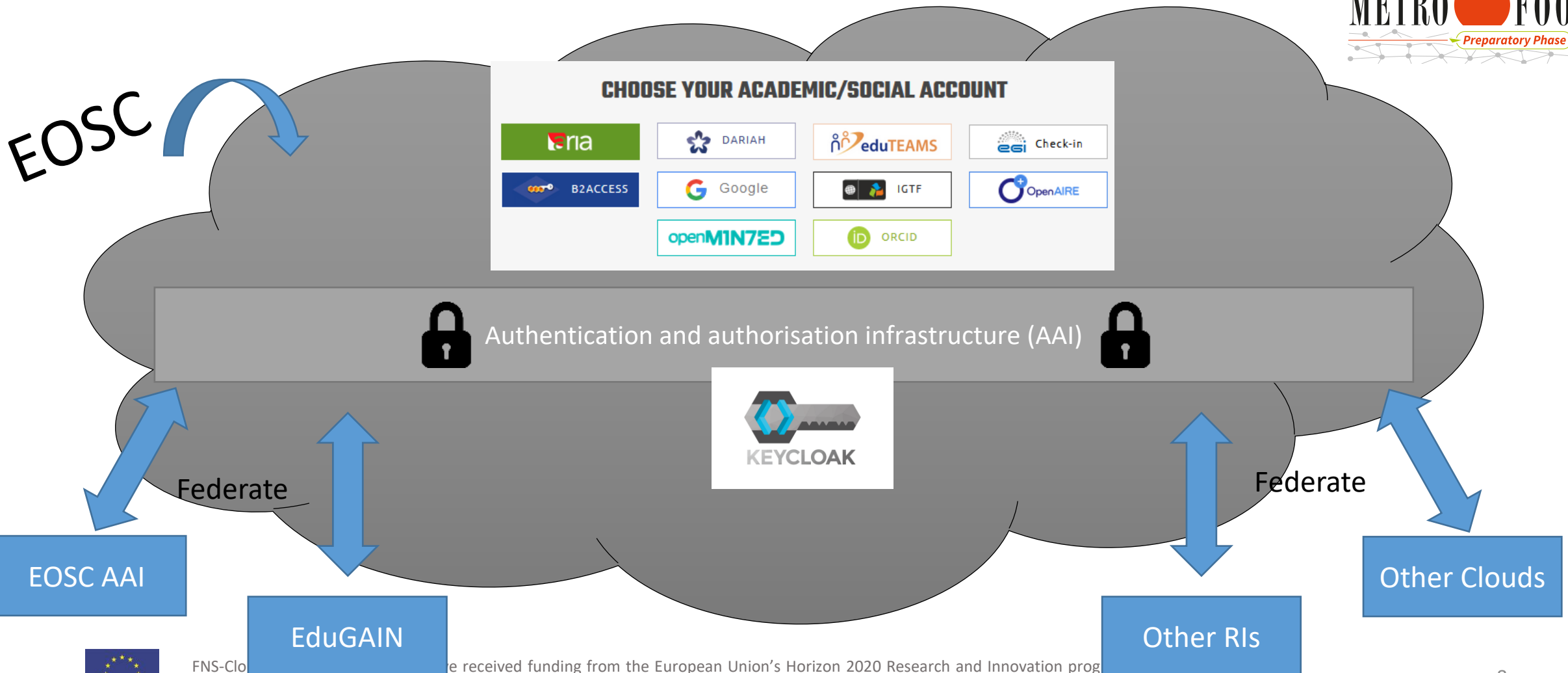
Y-axis

Add

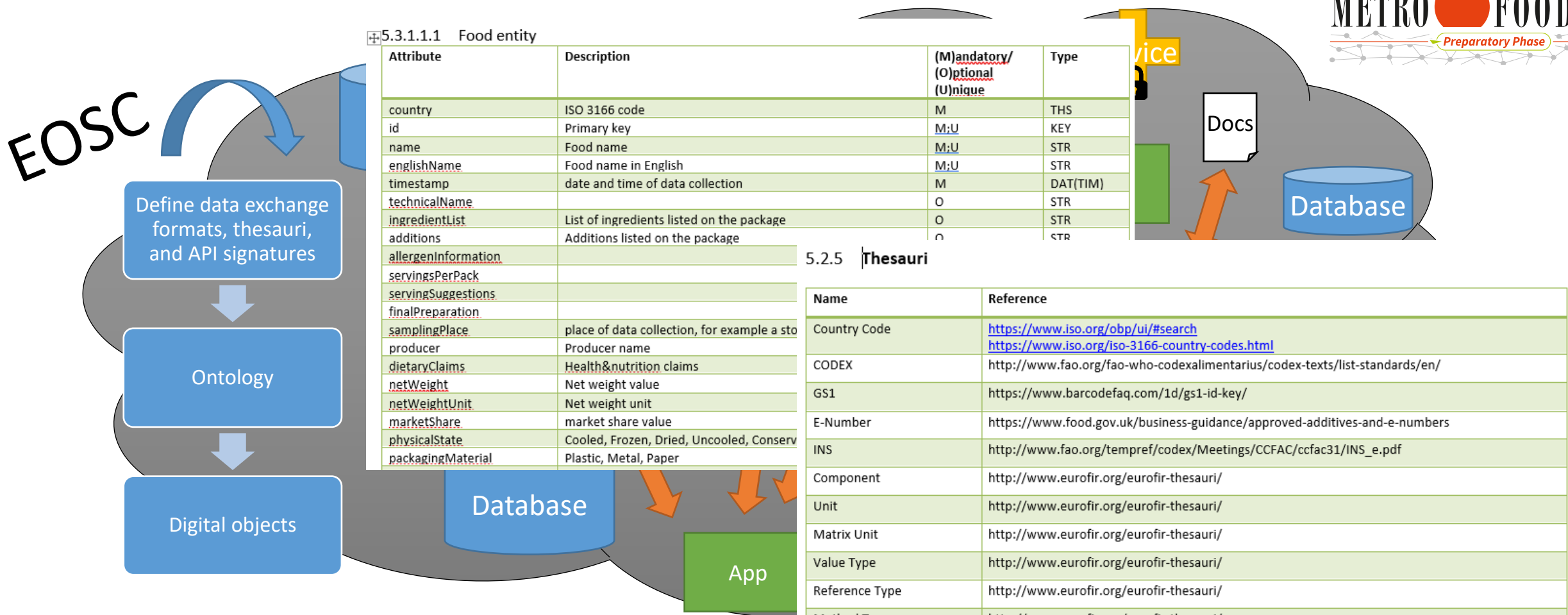
	PRIMARY PRODUCTION	PROCESSING	PACKAGING	STORAGE AND DISTRIBUTION	RETAIL	PREPARATION AND DOMESTIC STORAGE	WASTES	FINAL CONSUMPTION
Olive oil (Greece)								
Safety								TDS data (link) Medication concentration data (link)
Nutritional quality		Possible contamination during olive oil extraction (link)			Loss of vitamins during storage (link)	Label information (link)		Greece food composition database (link)
Authenticity/transparency	Isotope data AUTH (link)							



Authentication and Authorisation Infrastructure (AAI)

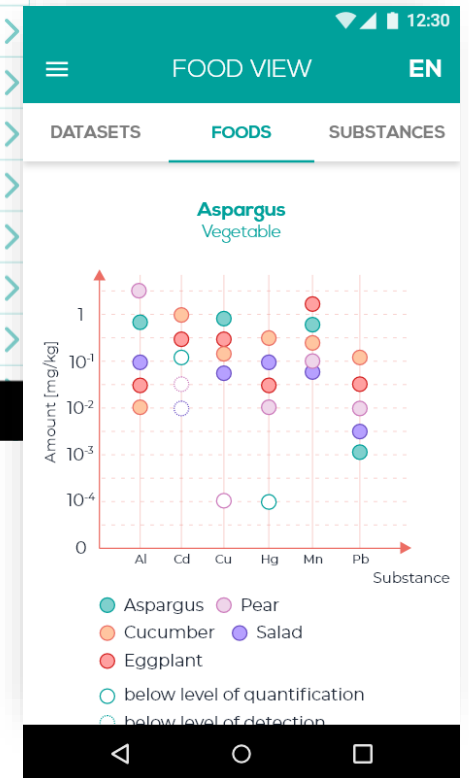
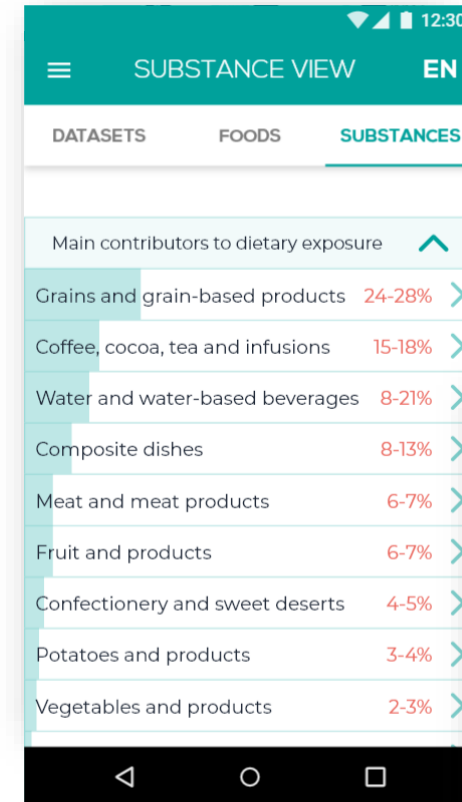


Data Exchange



More Added Values

- Virtual research environments
- Resource on-boarding
- Community building and training
- Service provision and administration
- Incentives for data publishing
- Network of ESFRI and EOSC makers
- EOSC as meeting point for e-RI experts
- Repositories like Zenodo, EUDAT, etc.
- Focus also on policy makers, consumers, food producing industry, ICT companies etc.



Thank you for your attention

