

# **EUDAT**

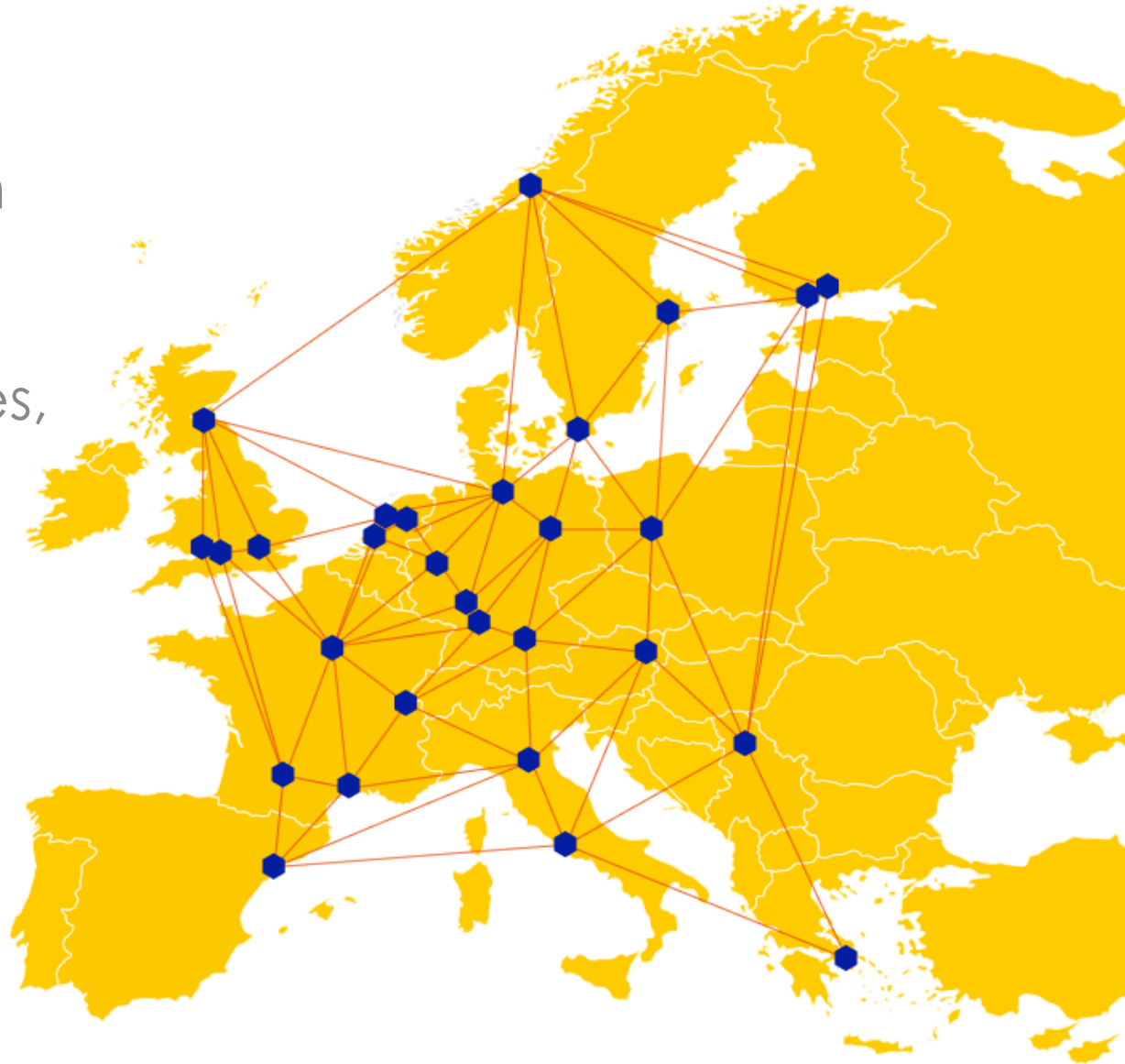
## **Collaborative Data Infrastructure**

Rob Baxter, EPCC

[www.eudat.eu](http://www.eudat.eu)

# EUDAT – European Data Infrastructure

A consortium of high performance computing (HPC) / data centres, libraries, scientific communities, data scientists



# B2 Service Suite



## B2DROP

Sync and Exchange Research Data



## B2SHARE

Store and Share Research Data



## B2SAFE

Replicate Research Data Safely



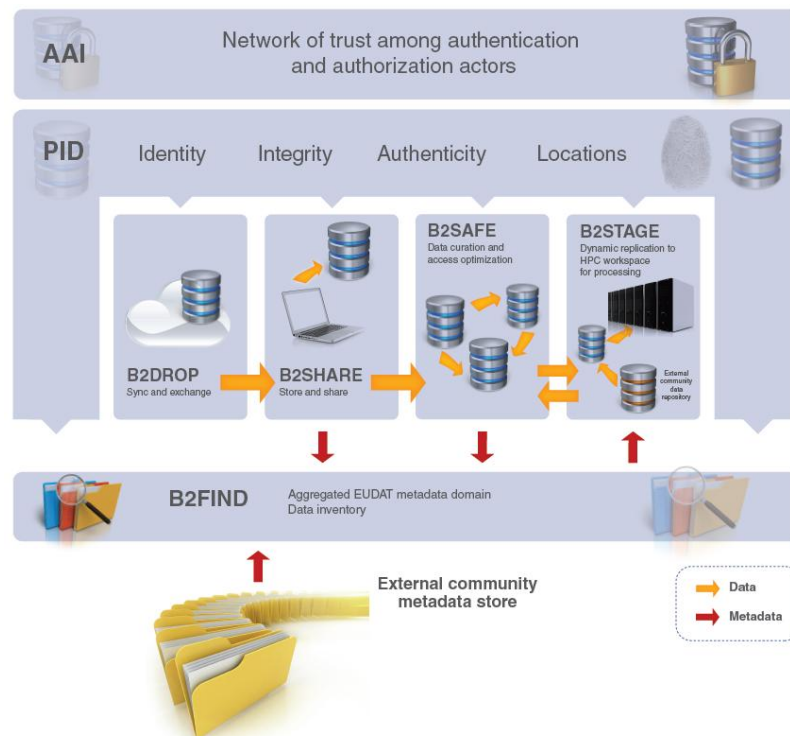
## B2STAGE

Get Data to Computation



## B2FIND

Find Research Data



# Community-Driven

## BIOMEDICAL & MEDICAL SCIENCES



## MATERIALS & ANALYTICAL FACILITIES



## SOCIAL SCIENCES & HUMANITIES



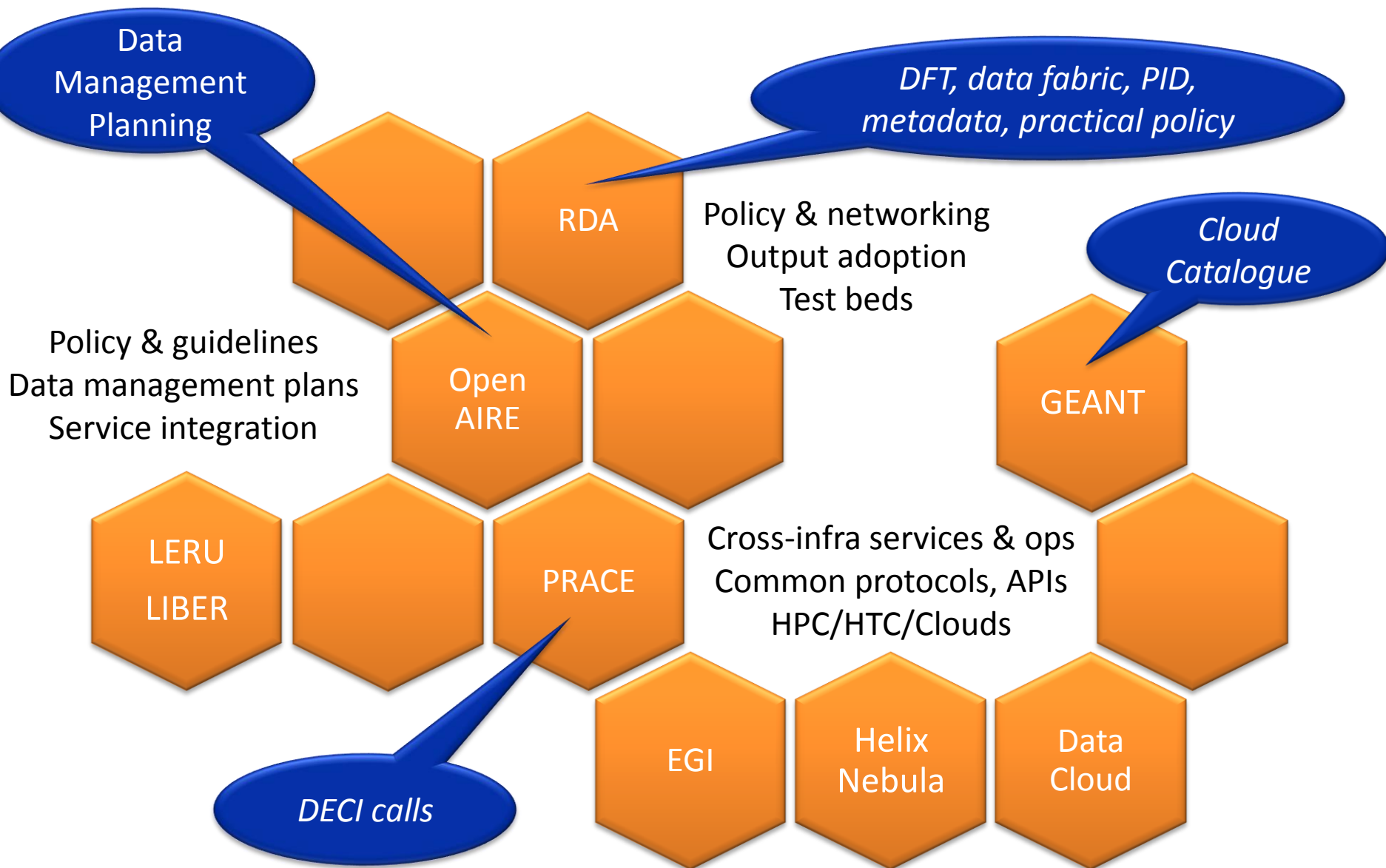
## PHYSICAL SCIENCES & ENGINEERING



## ENVIRONMENTAL SCIENCES



# E-Infrastructure Collaboration



# Opportunities / Challenges

- **Integration** (for the EUDAT CDI)
  - compose & combine EUDAT technical services
    - EUDAT business services
- **Integration** (for the European e-Infrastructure)
  - agree protocols, interfaces, identity management with HPC and cloud
    - open EU data/compute platform for research
- **Integration** (for science)
  - agree policies and methods with universities, libraries and digital publication authorities
    - open science