



# EUDAT2020

## Data Services, Tools & Knowledge

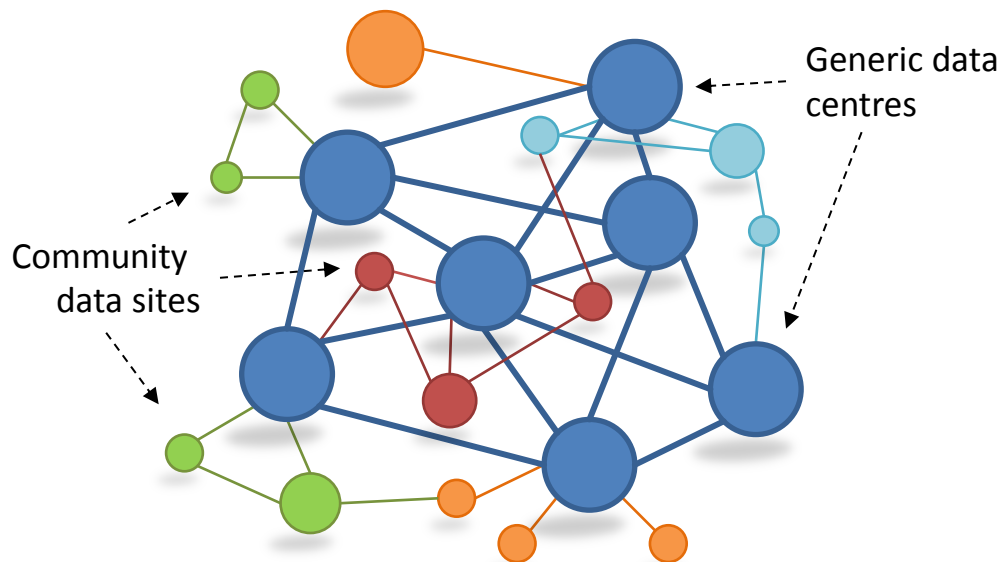


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# Targets & Objectives

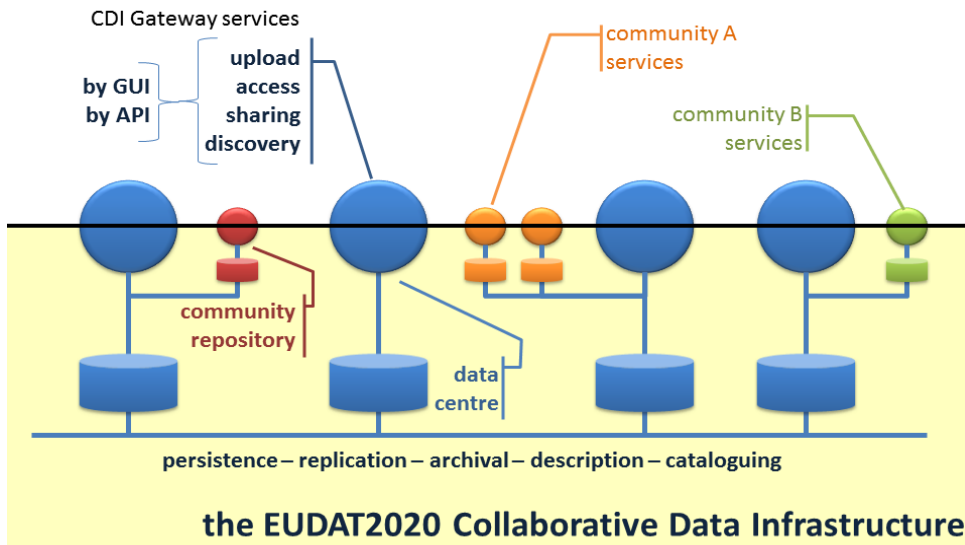
- **EINFRA-1-2014: Managing, Preserving, and Computing with Big Data**
- Establishing the CDI as a federation of collaborating, cooperating centres, **combining the richness of numerous community-specific data repositories with the permanence and persistence of some of Europe's largest scientific data centres**
- A **cost-efficient, user-driven, usable, adaptive, resilient, scalable and inclusive CDI** providing an integrated solution for managing data through its **full lifecycle** (data creation, processing, preservation, access and reuse)
- An infrastructure fully integrated and **interoperable with other e-Infrastructures** (grid, computing, and cloud) and driving the cross-infrastructure agenda
- An infrastructure with a **clear service offer**, business and revenue model capable of sustaining itself **beyond project money**

# A Network of Trusted Centers



- Independent Centers working within a Common Framework to develop Services
- Generic Data Centers with long experience of working together
- Community Data Sites with connection to at least one Generic Center
- EUDAT is about providing solutions in a federated environment

# Using Vs Joining



- **using EUDAT services:** finding and accessing data, for instance, or storing smaller data sets by interacting with one of the CDI public front-end services

VS

- **joining the CDI :** implies a tighter integration with at least one of the EUDAT centre.

# User Driven

- Proposals received through the Call will be used as a basis for planning development and engagements with research infrastructures and communities:
  - Some will be piloted in 2014 as part of EUDAT - FP7 framework project.
  - Others will be implemented in 2015 as part of H2020.
- Collaboration is sought on many areas → EUDAT need to be able to constantly capture evolving requirements and to test its services within existing environments.
- EUDAT is interested in working closer with Ris looking for long term partnerships and integration of EUDAT services within their own environment.



Thank you