EUDAT
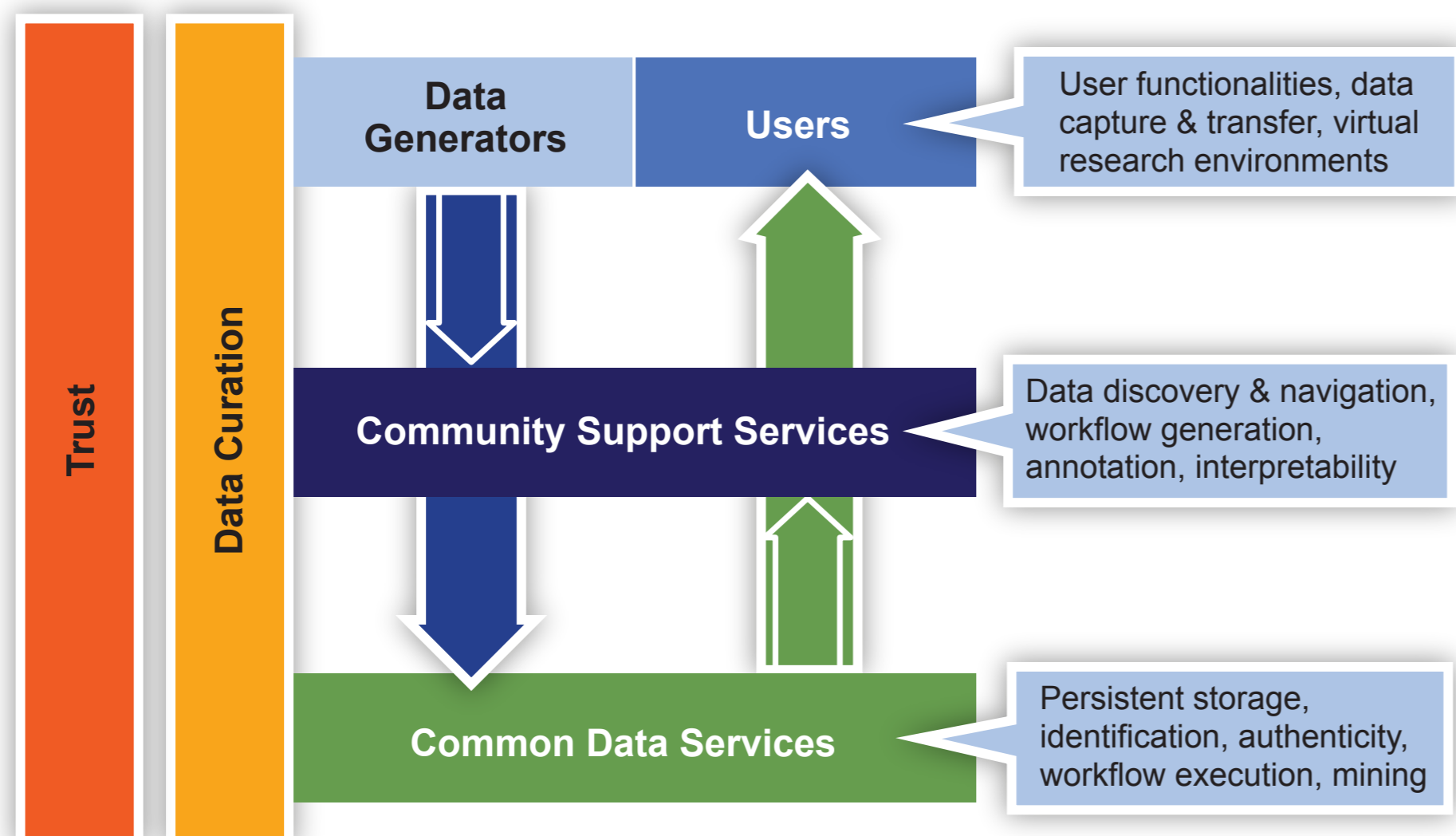
TOWARDS A EUROPEAN COLLABORATIVE DATA INFRASTRUCTURE

The Collaborative Data Infrastructure: A framework for the future

- Trust
- Data Curation
- Data Generators
- Users — User functionalities, data capture & transfer, virtual research environments
- Community Support Services — Data discovery & navigation, workflow generation, annotation, interpretability
- Common Data Services — Persistent storage, identification, authenticity, workflow execution, mining

Source: High Level Expert Group on Scientific Data, Riding the wave, 2010.

CDI

EUDAT is a new European initiative that will help deliver a Collaborative Data Infrastructure (CDI) with the capacity and capability to handle the scale and complexity of the data that will be generated over the next 10-20 years.

COMMON DATA SERVICES

In collaboration with centers offering community-specific services, EUDAT will focus on the establishment of a generic data infrastructure offering a trusted domain for long-term data preservation, accompanied by related services to store, identify, authenticate, and mine these data. These services will be designed to match the needs and requirements of research communities and will be shared across these communities.

PARTICIPANTS

The EUDAT consortium consists of 25 partners representing 13 countries. It includes national data centers, technology providers, research communities and funding agencies that invest in research infrastructures.

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