



EURAKNOS

FINAL CONFERENCE

From EURAKNOS to the EUREKA of Knowledge Exchange

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 817863.





EURAKNOS

Challenges relating to the integration of agricultural data into the EURAKNOS repository and how they have been addressed

EURAKNOS final conference
Friday 26 February, 2021

Hercules Panoutsopoulos | Agricultural University of Athens

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 817863

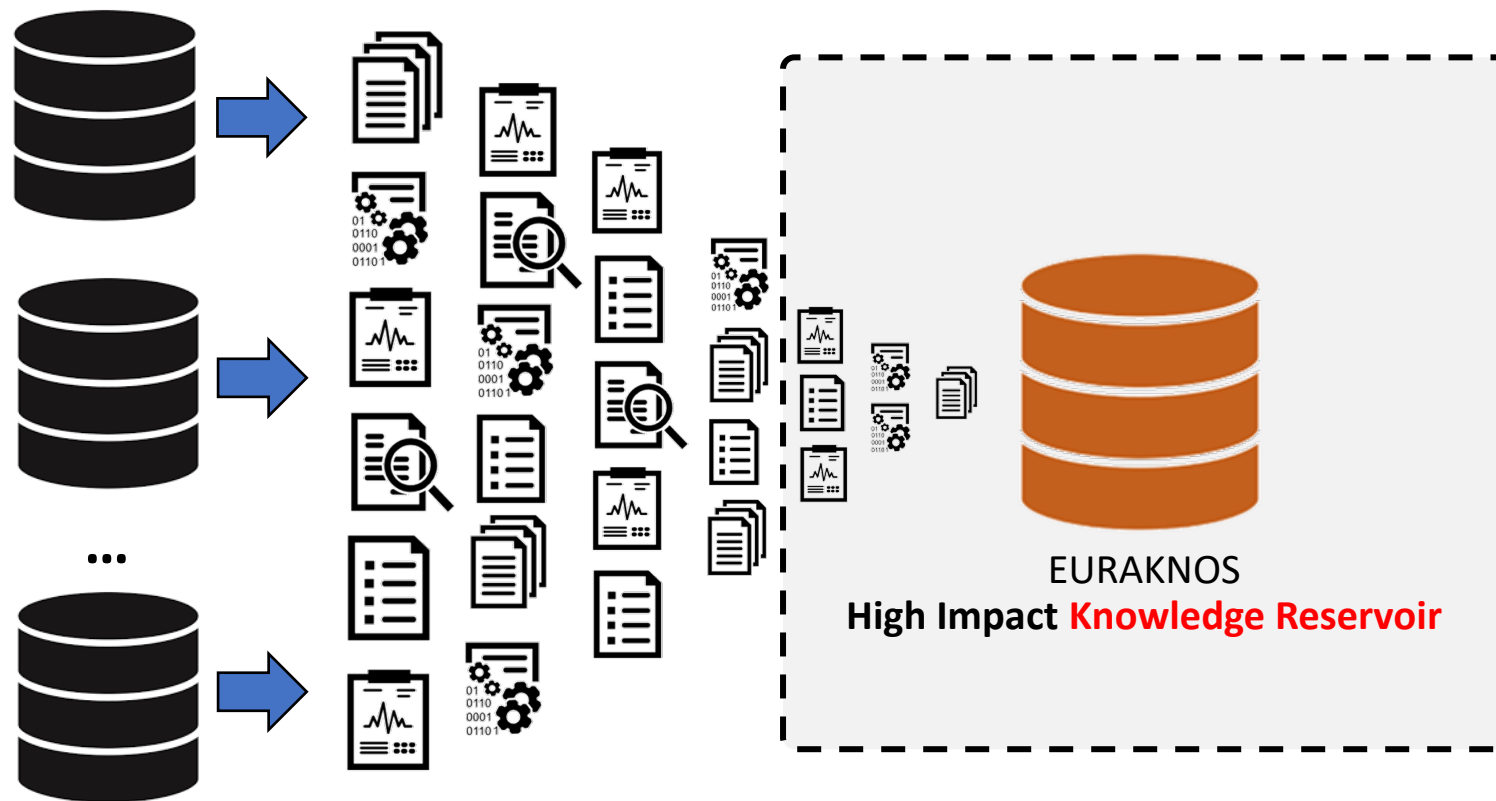


Challenges



Need to integrate data from various sources

THEMATIC NETWORK
Data Repositories

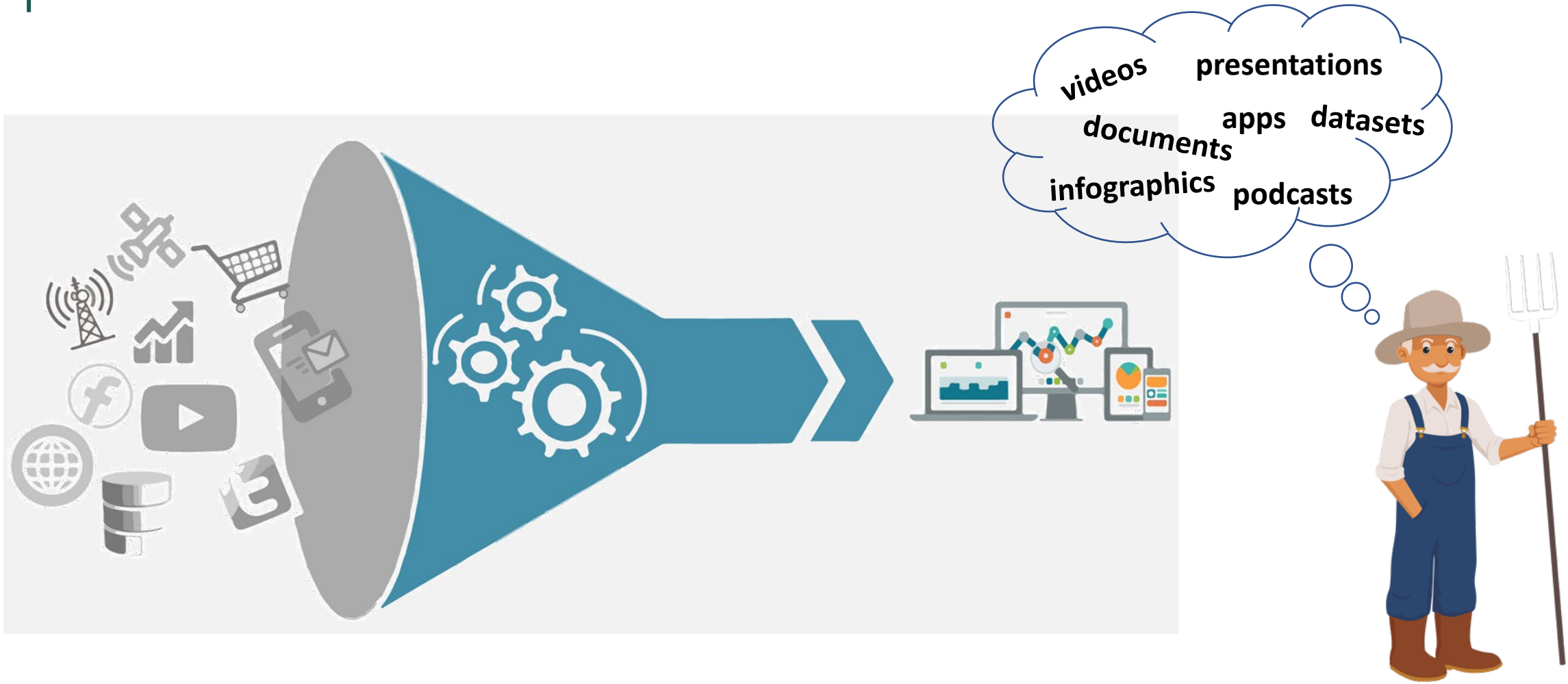


In general, each of the available data repository systems employs a **different data structure**.

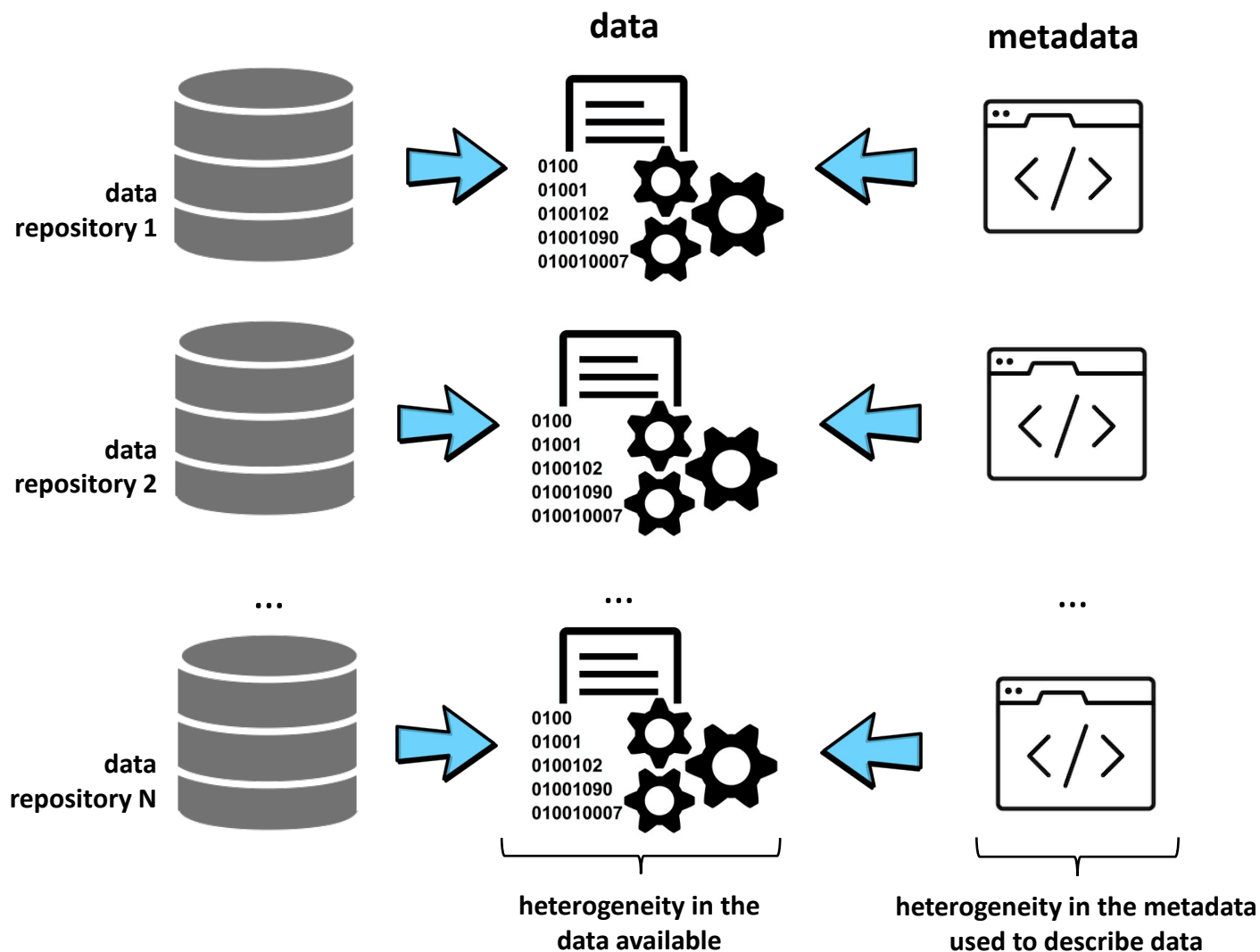


EURAKNOS

There is a range of data formats to consider



Data and metadata heterogeneity



Metadata is “*structured information that describes, explains, locates, or otherwise makes it easier to retrieve, use, or manage an information resource.*”



Different data types per format



practice abstracts



factsheets



tutorials/guides



technical articles



policy briefs



scientific
publications



newsletters

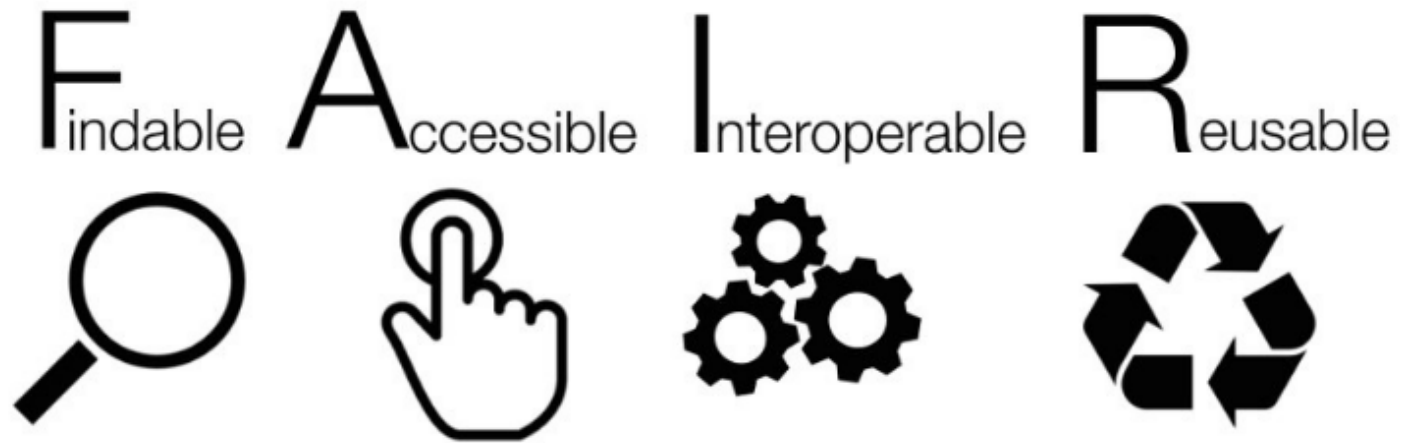


reports

There are **so many different types of documents** and there has been **no attempt** for a **systematic categorization** of them...



Need to comply with the existing standards



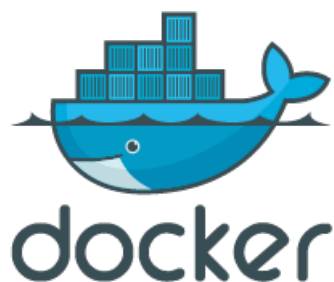
So many technology solutions and frameworks



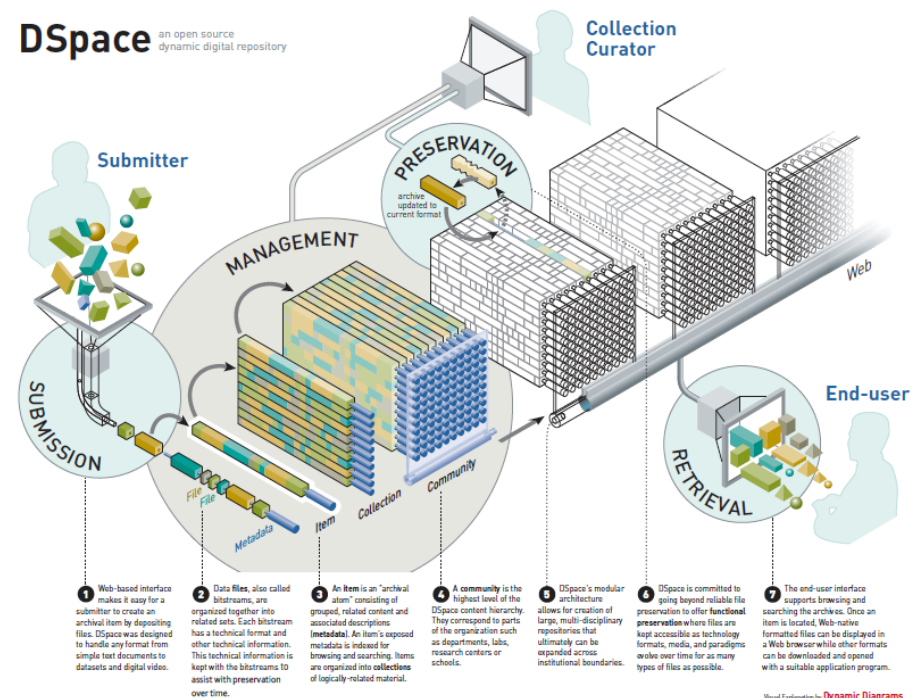
Joomla!™

front-end

back-end



DSpace an open source dynamic digital repository



EURAKNOS

Managing Intellectual Property Rights issues



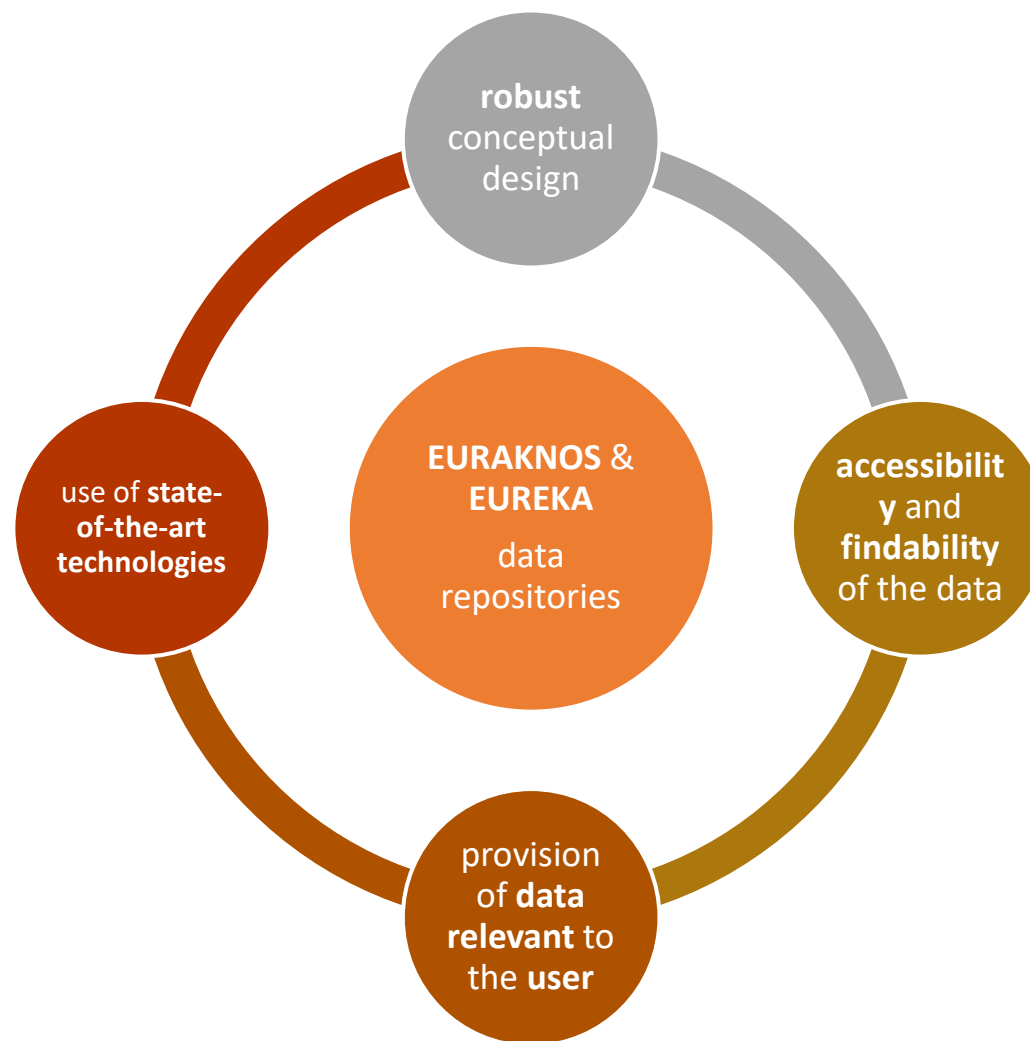
- **Intellectual Property Management** → a very important issue to consider
- **Very few projects** have taken steps towards this direction by **disseminating their data under specific licensing schemes**
- The **Smart-AKIS Thematic Network** makes its data available under an [Attribution 4.0 International \(CC BY 4.0\) license](#)



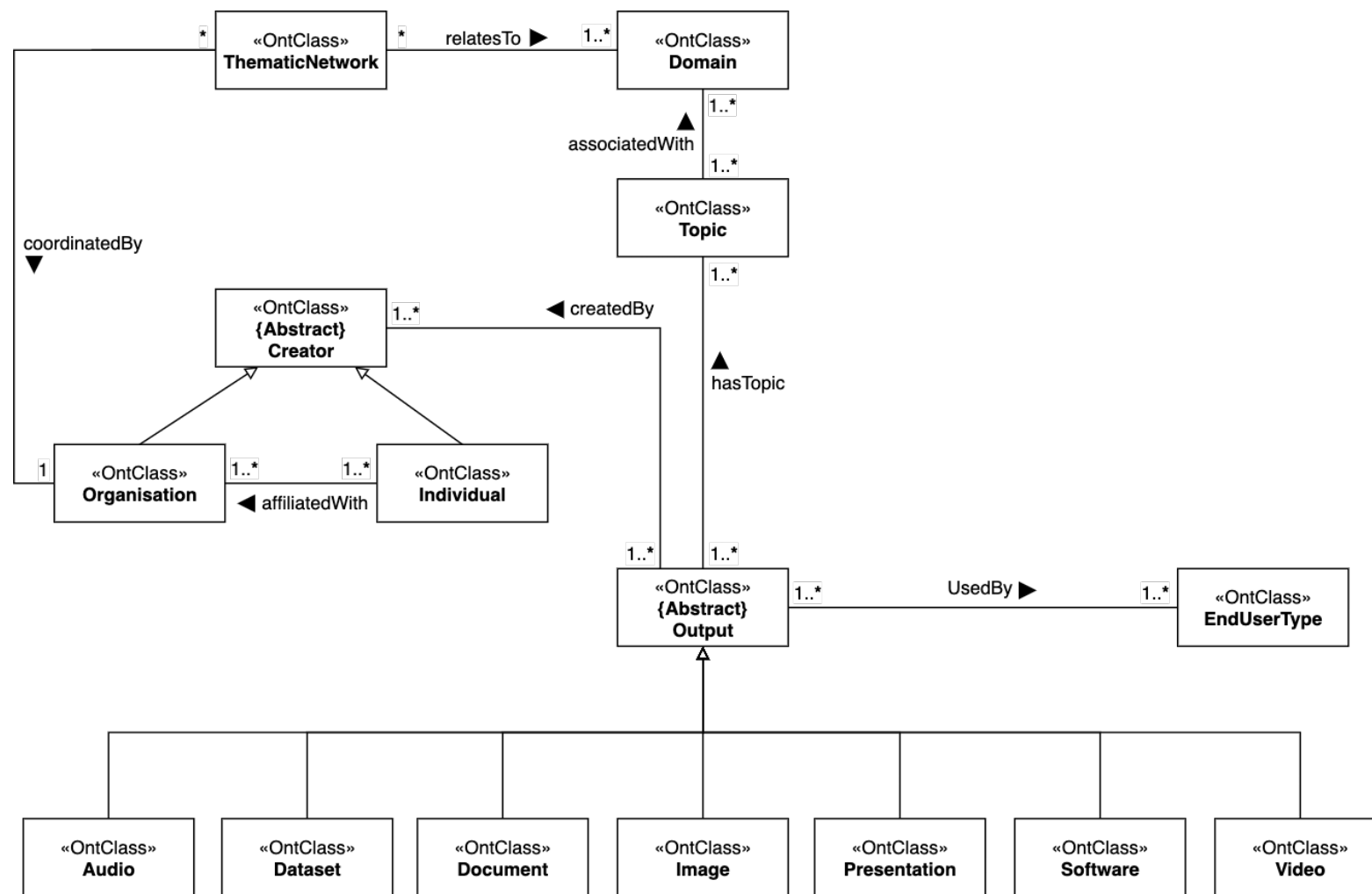
Addressing challenges in the context
of **EURAKNOS**



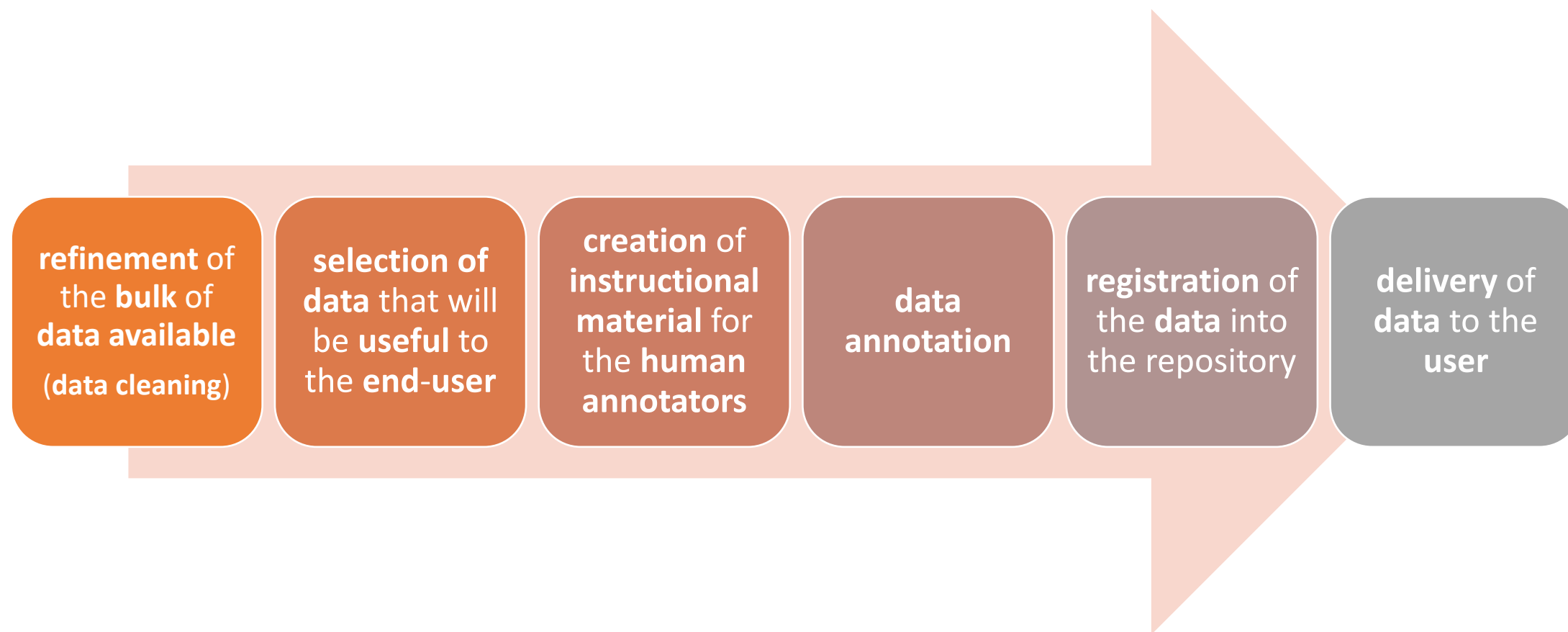
Need to develop our solutions on a solid basis



The EURAKNOS data model



Data integration pipeline





EURAKNOS

THANK YOU

**From EURAKNOS to the EUREKA
of Knowledge Exchange**

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 817863.

