

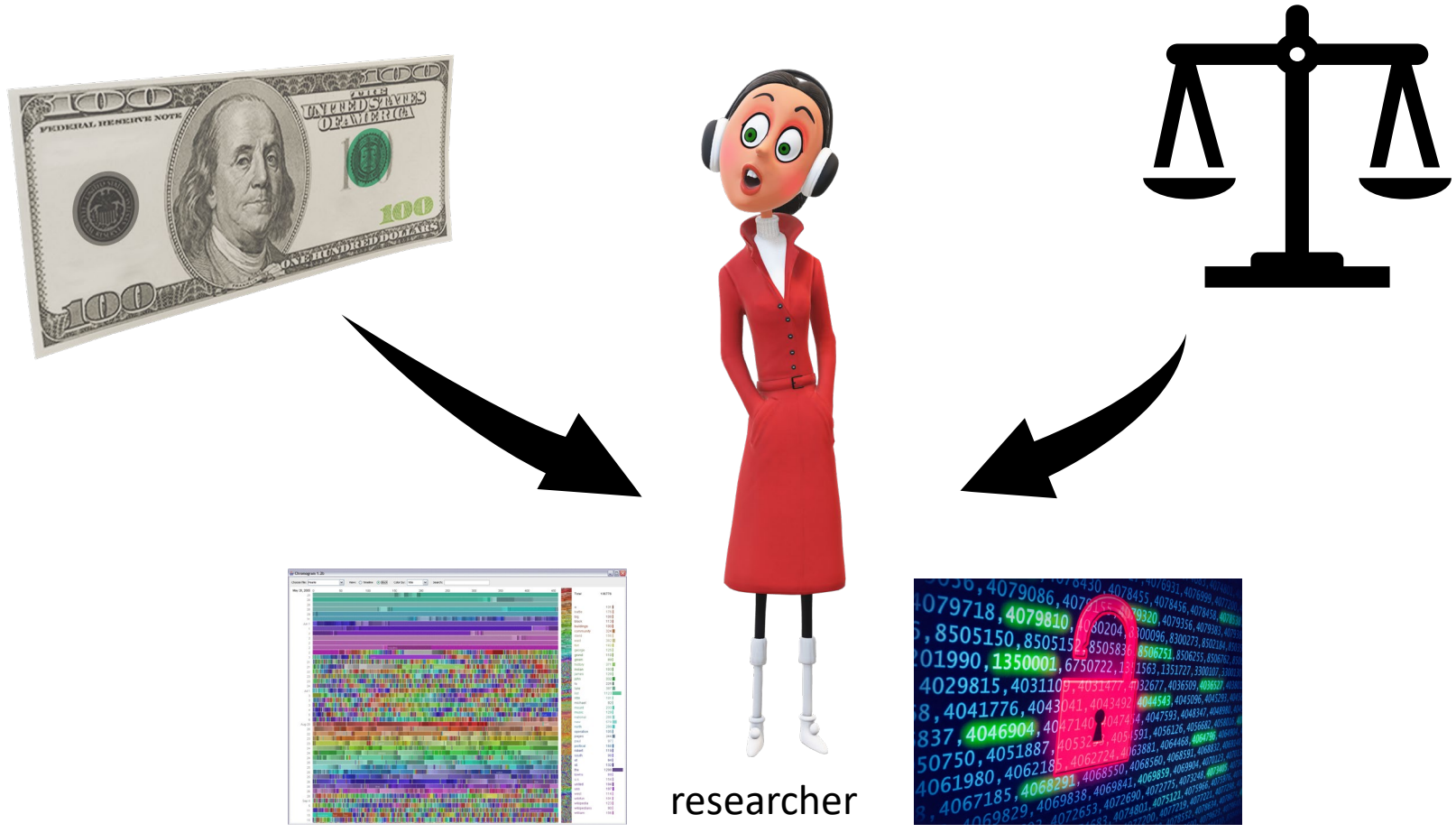
# IMPROVING RDM SERVICES - LEARNING BY DOING IN RDM TEC



SURF



# RDM demands by funders and GDPR



# Support for researchers by universities

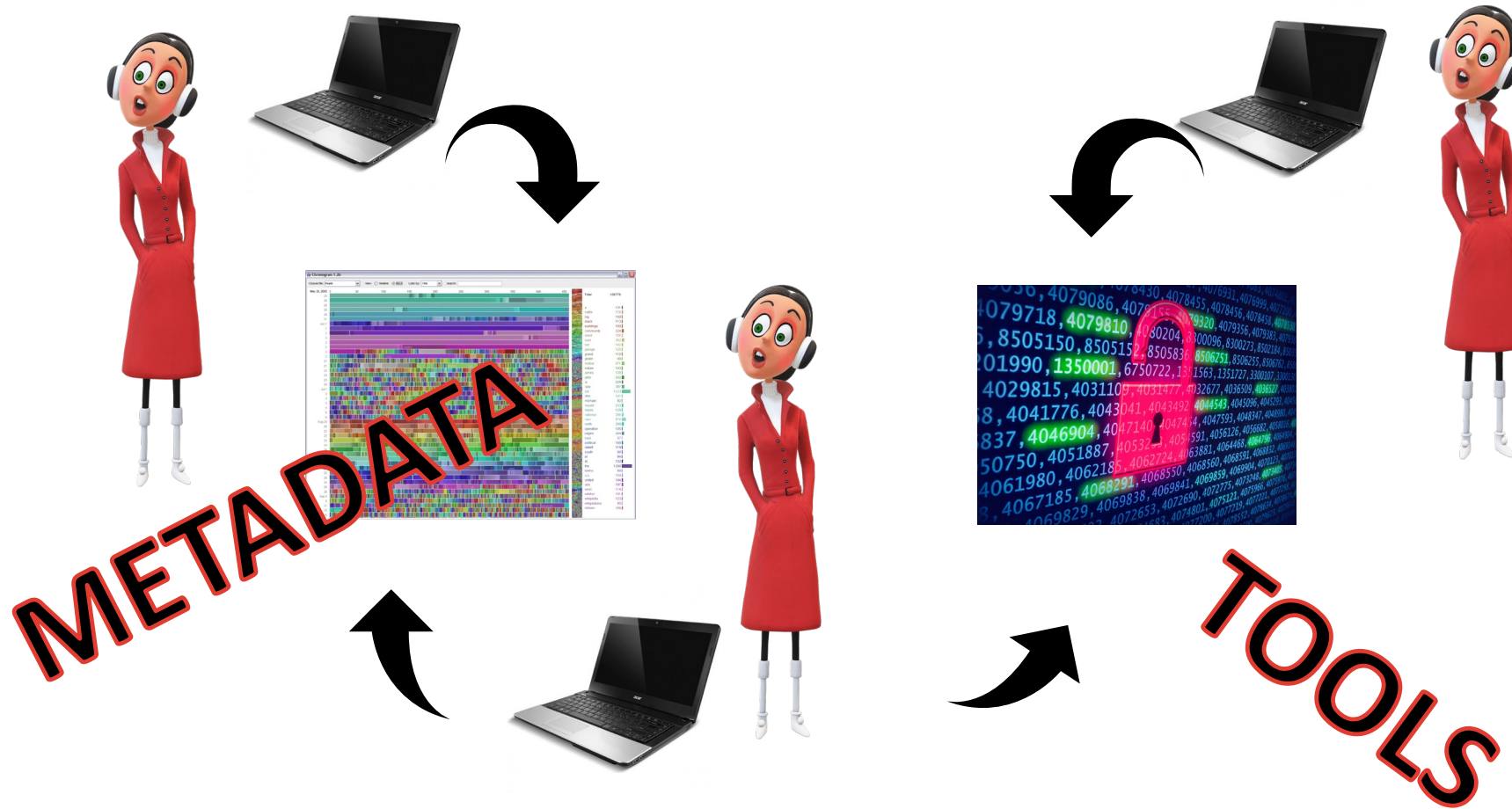


DMP



Publications

# How to organize research data?



# iRODS as an RDM tool for research

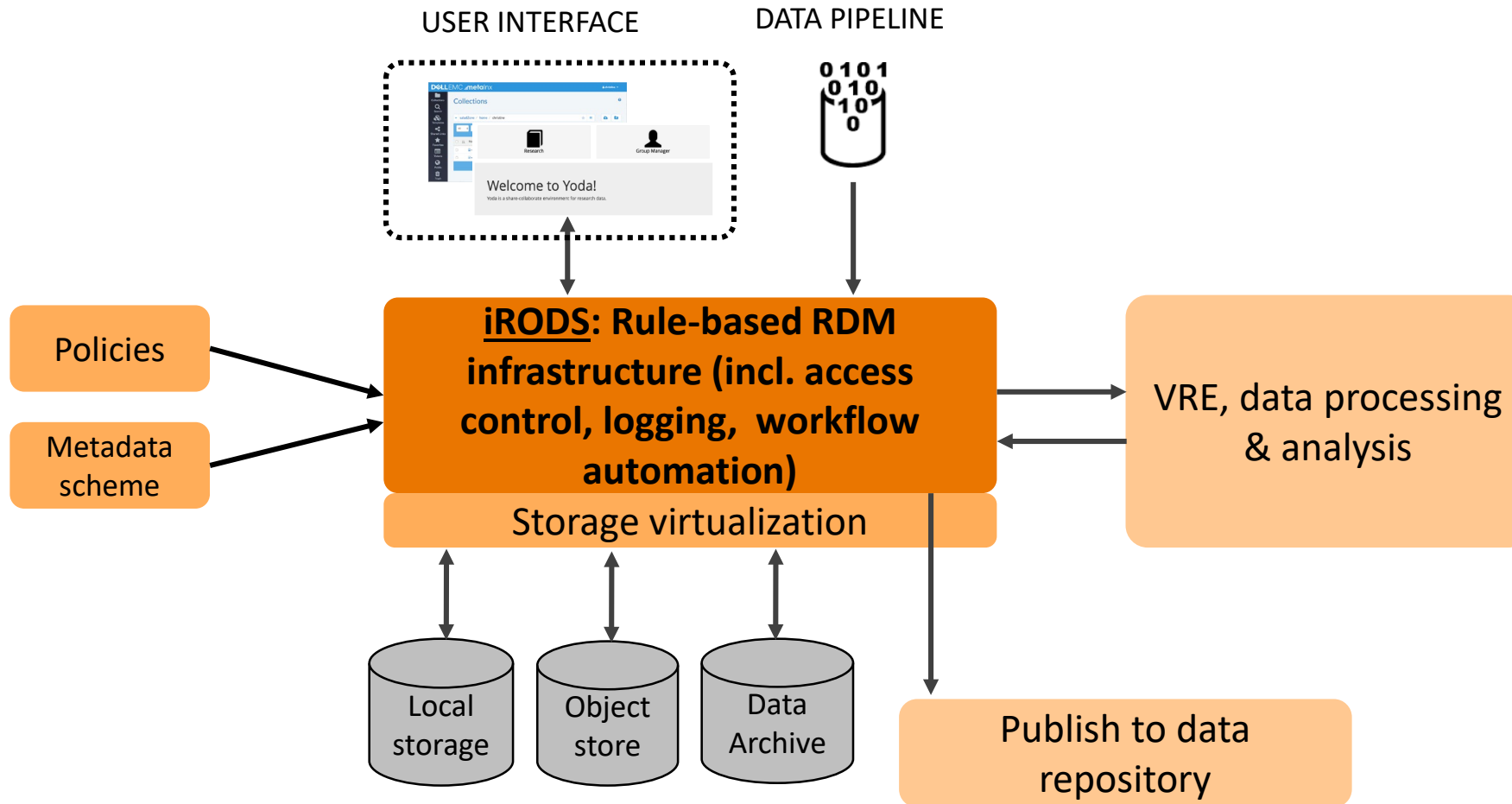
Main advantages of iRODS:

- **manages metadata** alongside the data, for metadata based data policy execution decisions and data workflow automation
- **enforces data policies**, for research integrity and auditable controls
- **scalable platform**, from small to large data collections, vendor neutral solution

But:

Command line interface

# iRODS RDM infrastructure - SURF



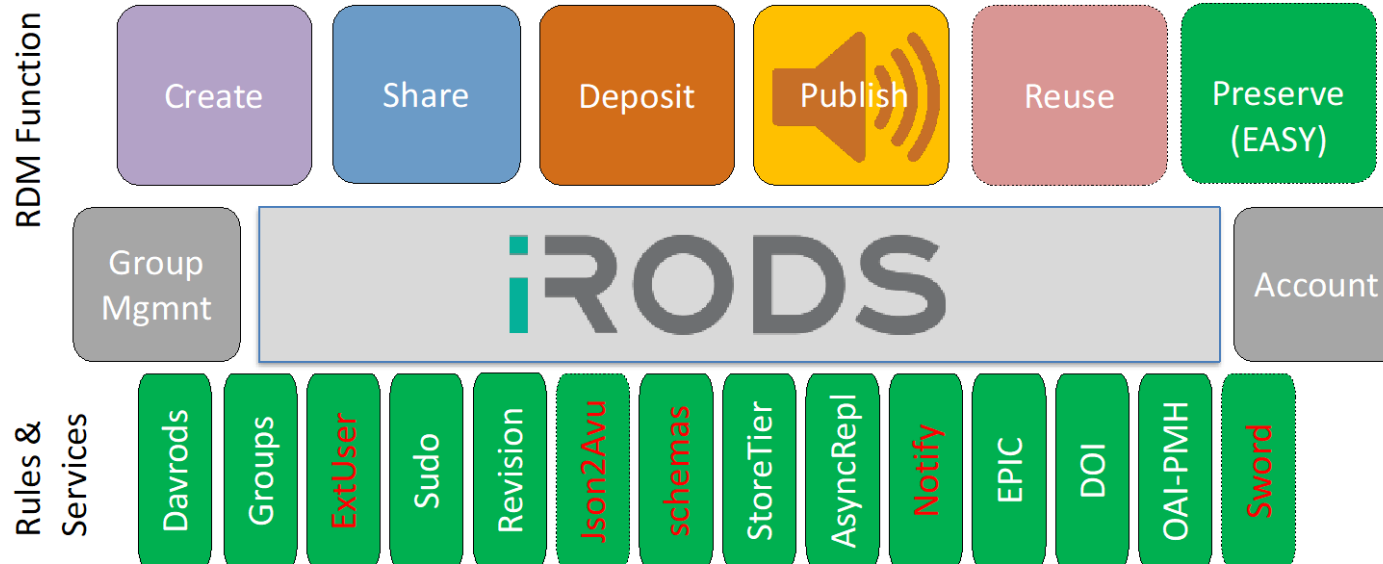
# YODA (UU) and iRODS



ITS – Research IT

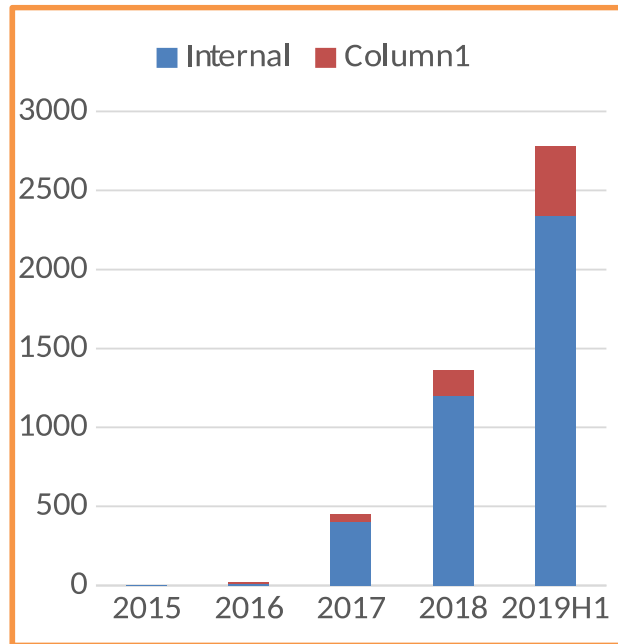


iRODS implementation for Research Data Management

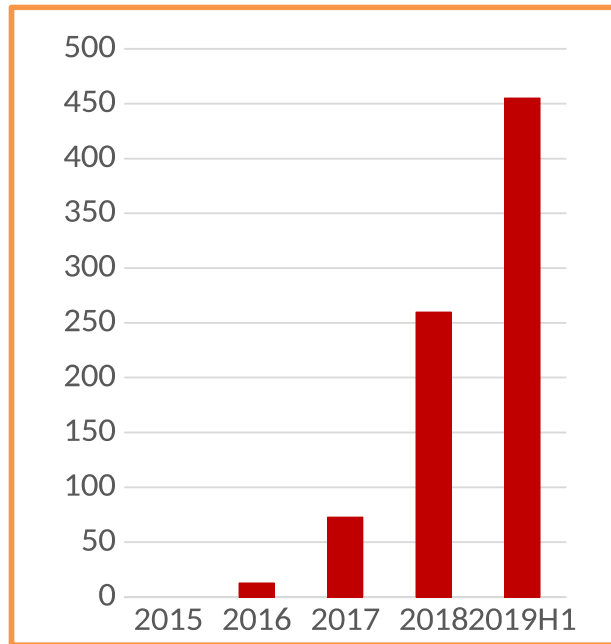


# Use of YODA at UU

## Utrecht University iRODS managed research data



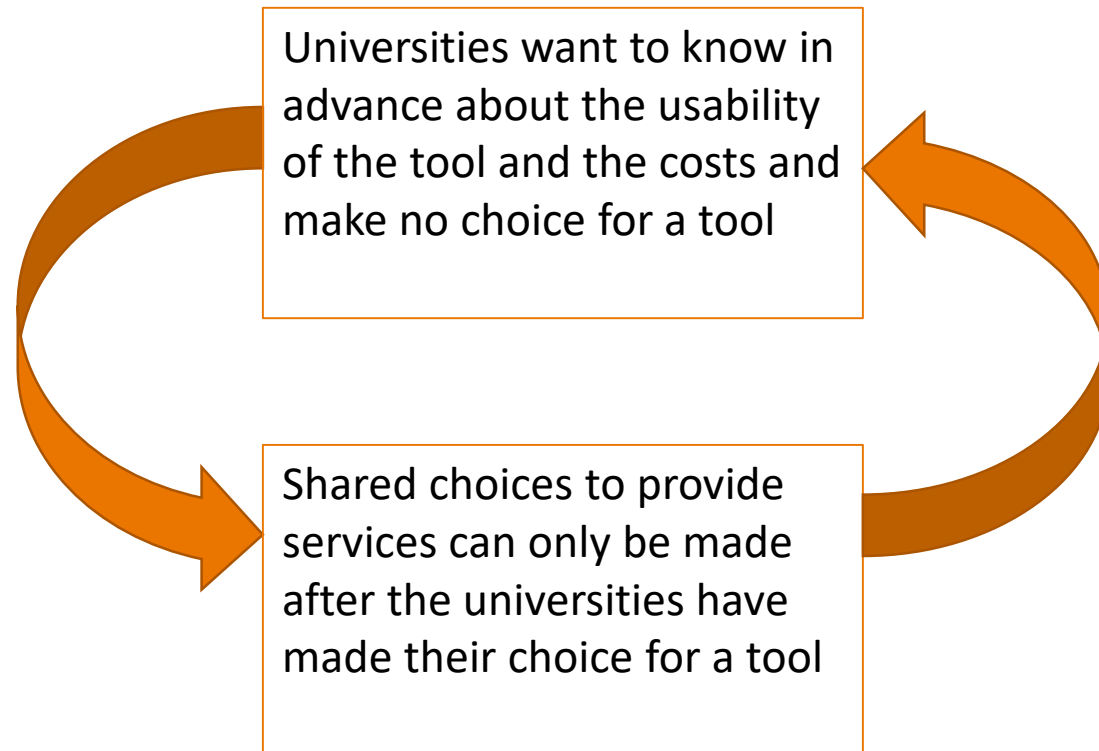
2800 Users (440 external)  
8 production zones



450 TB Data



# Catch 22 other universities



# Pilots YODA/iRODS

- Pilots in 7 universities and 1 Medical center, all with researchers, as well as IT and research support
- Different types of pilot situations, described use cases
- SURF offered a hosted environment for all participating universities
- UU offered training for data managers
- Joined survey after the pilots, resulting in an evaluation document

# Participants pilots



UNIVERSITEIT VAN AMSTERDAM



TU Delft



WAGENINGEN  
UNIVERSITY & RESEARCH



UMC Utrecht



Universiteit  
Leiden  
The Netherlands

TU/e



ERASMUS  
UNIVERSITEIT  
ROTTERDAM

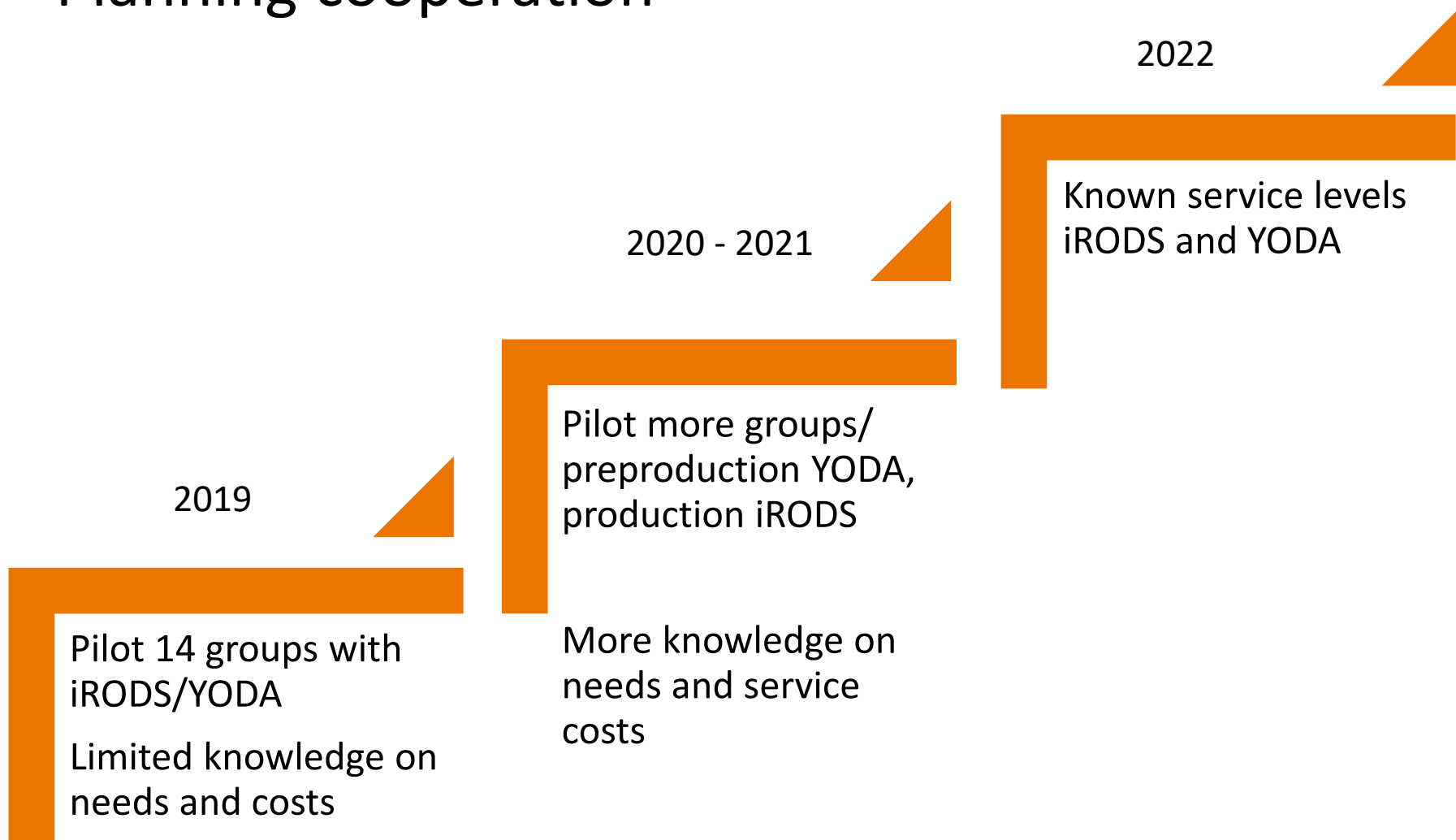
# Findings pilots

- YODA/iRODS is interesting for researchers and data managers, mostly driven by increasing the findability and the reusability of research data
- The use of a tool like YODA/iRODS drives researchers to work more actively on RDM; thus creating an organizational change
- A hosted environment is interesting because it lowers the barriers to entry
- Big need for environments for the use of sensitive data
- It is too early for the participating universities to take final decisions

An intermediate next step is desired!



# Planning cooperation



# Improving RDM services – work in progress

- How can we create a stable hosted environment of YODA/iRODS for the participating universities?
- What services can be expected of SURF? And what of the UU?
- What is the roadmap of SURF for working on services in addition to iRODS? And what is the roadmap of the UU for working on changes in YODA?
- How can the universities that decide to join in the next step influence the roadmaps of YODA and iRODS?
- How can we create environments for sensitive data?
- How can we facilitate researchers to also publish their data?
- How can we contribute to more FAIR data?
- How can we facilitate researchers to work with other researchers outside their own institution?
- What are the exit scenario's after the 2 year period?
- What are the costs for the participating universities? Which budgets can be used?

# Learning by doing in RDM TEC



