Ecosystem for digital data preservation
The idea of a repository
Start with a simple repository
Workflow model
Breaking things apart
Micro-service architecture

![Diagram of micro-service architecture]
Services applied data
Providing services for ingest and re-use

Phase I
Pre-ingest

Phase II
Ingest

Phase III
Management

Phase IV
Re-use

Services for ingest and pre-ingest
- Mass upload tools
- e-Workbench for metadata creation
- Digital lab books
- Data validation tools
- Connectors for e-Research infrastructures

Services for re-use
- Streaming services for audio and video
- Image presentation on web
- Storytelling on data
- Search portals
- Connectors for e-Research infrastructures
From repository to ecosystem according to EOSC
Connected ecosystems
Use case Austria
Questions?