



# The service model for Long Term Data Preservation, accessibility and interoperability at HAEU

Samir Musa – HAEU Electronic Records Manager



# 1 DPS: Project Organization

**Start date:  
Beginning 2016**

**4 years timescale**

**Currently:  
Migration**

**Deep interaction  
between ICT and archival world**

**Formal approach  
to documentation: Preservation  
planning**

**Use of archival standards  
and open source code**

# Why @rchivematica?

## 1. Open Source

Suite of free and open-source tools that allows via a web-based solution to process digital objects from ingest to archival storage and access in compliance with the ISO-OAIS functional model

Packaged with the web-based content management system Access to Memory (AtoM)

## 2. Embeds Standards

Metadata sets: METS, PREMIS, Dublin Core, the Library of Congress BagIt specification

Micro-service approach to digital preservation: granular system tasks which operate on the equivalent OAIS information package SIP, AIP and DIP

## 3. Manages Information Packages

The physical structure of an information package includes files, checksums, logs, submission documentation, XML metadata, embedded into a METS file

# Why @rchivematica?

## 4. Manages Workflow

Format policies: original format of all SIPs ingested in order to support migration and emulation strategies, by grouping file formats into format policies (e.g. text, audio, video, raster image, vector image, etc.)

For each media type, availability of free and open-source normalization tools, and an analysis of the significant properties

The choice of access formats is based largely on the ubiquity of web-based viewers for the file format

## 5. Manages Formats

Online format policy registry (FPR) synced with PRONOM and integrated with Planets Core Registry and Universal Digital Format Registry (UDFR) in order to update local default policies

## 4 HAEU DPS Stakeholders



✓ Producers

- EU Institutions
- EU Agencies
- Private Corporate Bodies and Persons
- EUI



✓ Consumers

- Not specialised designated community
- EU citizens

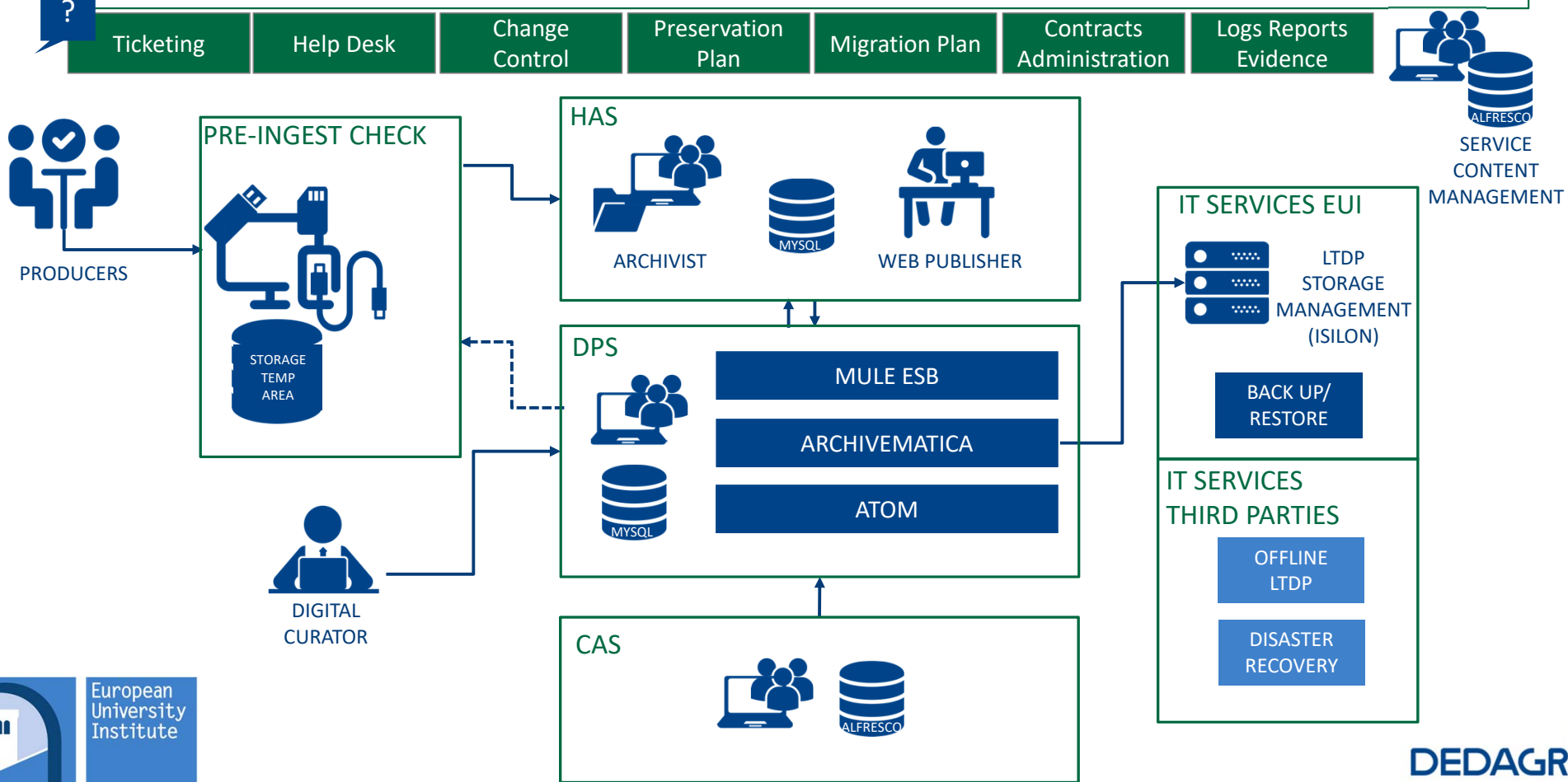


✓ Administration

- Preservation planning
- Governing board

# DAMS architecture and workflow

## HAEU DIGITAL PRESERVATION SERVICE GOVERNANCE



Per maggiori informazioni:

[samir.musa@eui.eu](mailto:samir.musa@eui.eu)

