



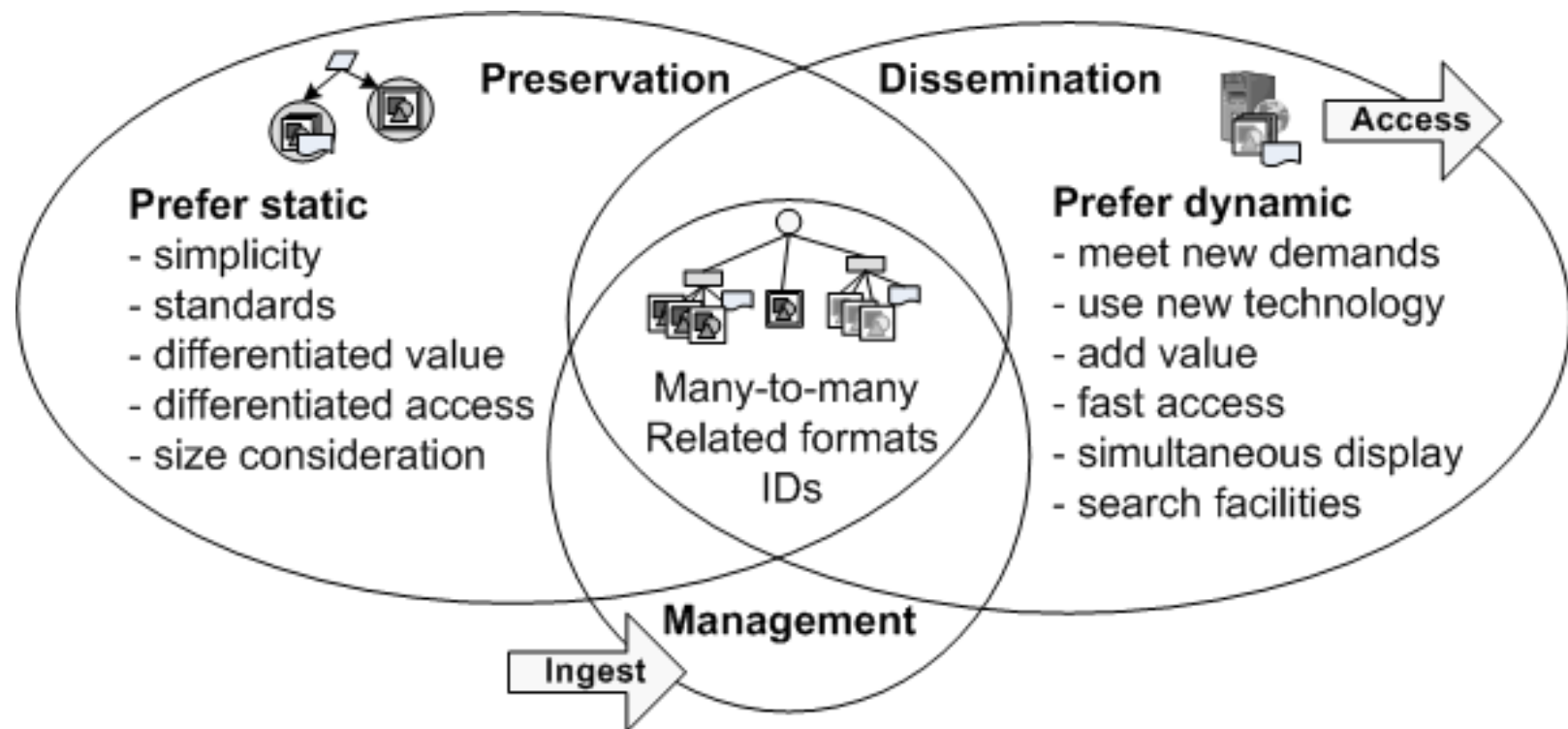
# **Enabling (long term) preservation through Hydra**

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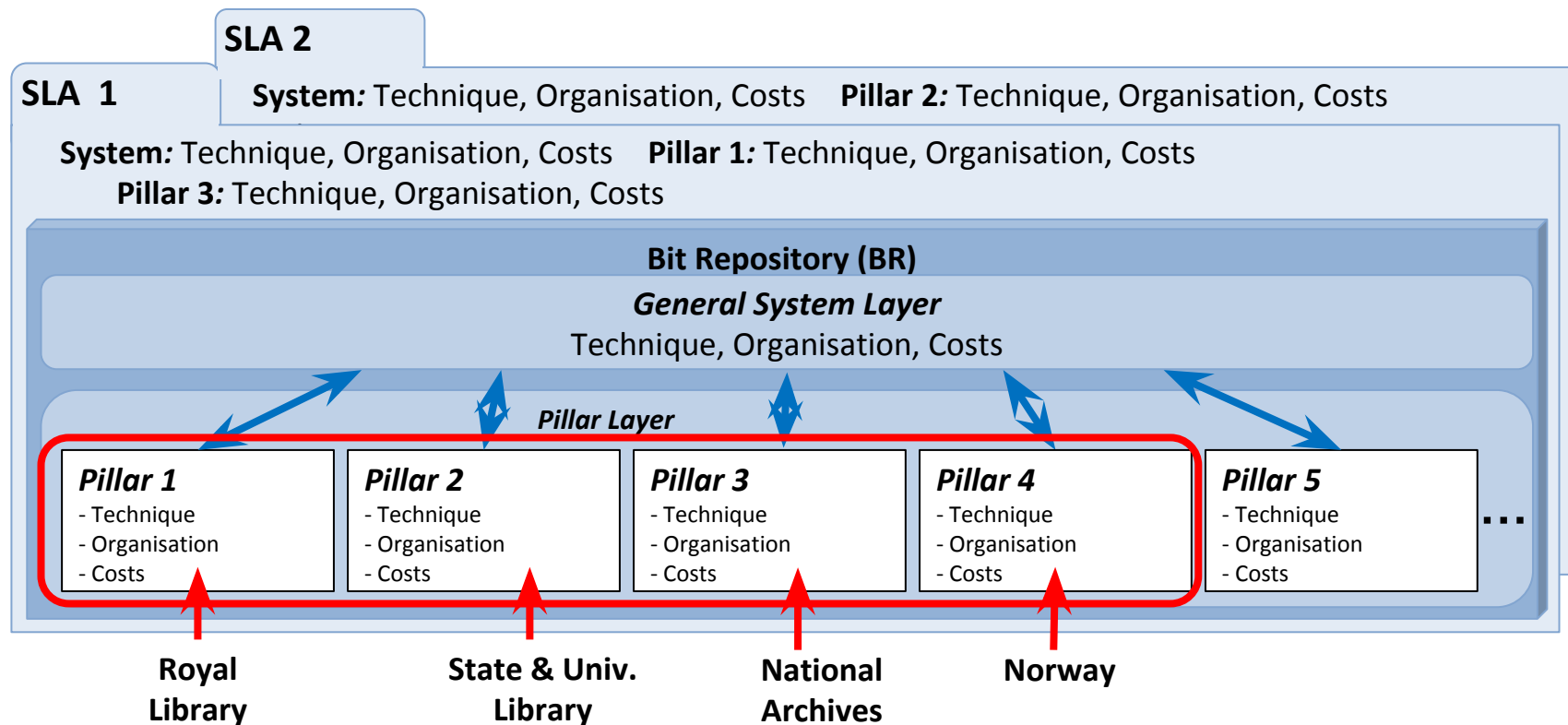
# A ‘bit’ of History

- First bit preservation system in 2005.
- First version of our “DOMS”.
- Digital Preservation as a part of the Organization since 2006.
- Currently have long “data-move/copy” workflows, based on a “preservation first, show second” mindset.
- 2010 - DOMS2 started..... and ended.
- 2011 - Danish National Bitrepository was initiated.
- 2012 - We chose Hydra as our Digital Library Infrastructure.





# Bitrepository (bitrepository.org)





## “Yggdrasil” long term Preservation (Java)

METS Structuring

WARC packing

Bitrepository Client

ActiveMQ



BITREPOSITORY.ORG

Ingest

Integrity

Restore

Import

Migration

Validation

Rabbit  
MQ

Status

## “Valhal” Management (Hydra head)

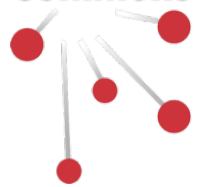
Identification (UUID)

Characterization (FITS)

Collection Building

Object and Collection level  
Preservation Planning

Fedora  
Commons™



Apache

Solr



## “Yggdrasil” long term Preservation (Java)

WARC packing

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[BITREPOSITORY.ORG](http://BITREPOSITORY.ORG)

Restore  
Import



Validation

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METS Structuring

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