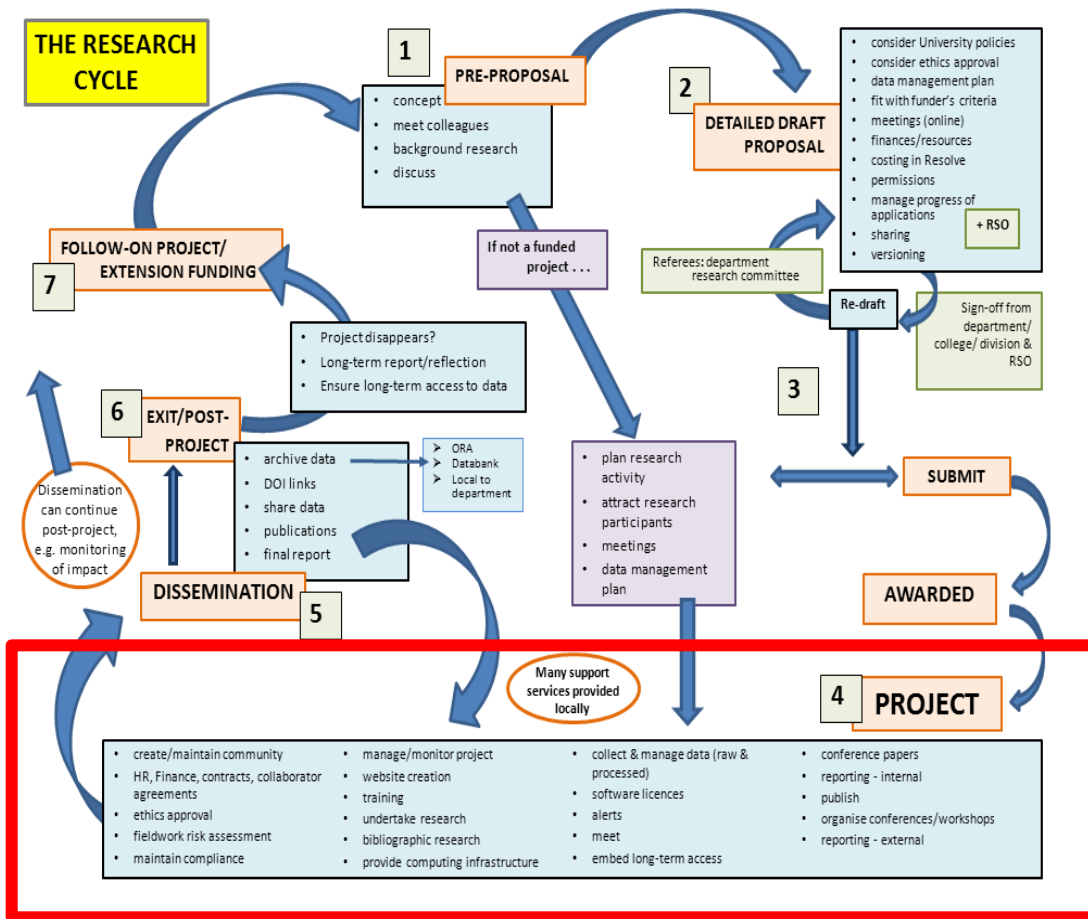


# **Back up, archiving and Storage as a Service**

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# Storage-as-a-Service and Backup/Archiving

- Support Data Management during Research Project (specifically data security)
- Two prong approach



• USB Disks, Laptop Hard Drive or other local solutions

**HFS Backup**

**StaaS**

• Extra large storage needs

**HFS Archive**

# Storage-as-a-Service and Backup/Archiving

## HFS Backup/Archive

- Core service for 15 years
- Holds 1.5PB backup and 70TB archive
- Secure “hidden” data
- Archive = extended storage not curation

## Storage-as-a-Service

- 2 POCs in development
- Feedback from private cloud
- Alternative to local consumer-grade storage (USB Disks, consumer/SMB NAS)
- Reliable, robust and secure
- Turn-key for end user

# Development needs (StaaS and HFS)

## HFS Backup/Archive

- Already production service
- Standard requirement for maintenance development
- Promotion to research base

## Storage-as-a-Service

- Decision point after POCs
- Need to develop service
- Consider charging model
- Promote
- SRF