



# WP19

## Talking Points

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# Status

ID	Title	Due	Status
MS2	Physics Use Cases and Requirements for Data Infrastructures	PM9 (Jun 2012)	Done
D19.1	Distributed Data Infrastructures Development Plan	PM18 (Mar 2012)	Not Started
D19.2	Distributed Data Infrastructures Evolution Roadmap	PM30 (Apr 2013)	Not Started

What are the specific objectives for D19.1 and D19.2?



# Use Cases and Requirements

- Workflow
  - General Description
- Data Sources
  - Link to WP18
  - Transfer
- Data Archiving
  - Link to WP17
  - Data Transfer
  - Data Replication
- Data Processing and Analysis Facilities
  - Computing Models
- Authentication Infrastructure
  - Link to WP 16



# Development Plan

- Reference Model
  - Categorize main modes of operation
  - Identify common components
- Review of existing solutions
  - Gap analysis
- Identify common areas of development
- Distribution of work



# Work Items

- SKA/OX
  - Evaluation of existing solutions
- FAIR/GSI
  - Fast file systems
  - Integration with Grid/Cloud access
  - Cloudification of storage.
- SLHC/CERN
  - Extending the functionality of existing tools
  - Service Discovery
  - NFSv4 Authentication
- ELI/SZTAKI
  - TBD
- DESY/ILC
  - ?