Background and Requirements

- 1500Tb data archive is being prepared for the IPCC Fifth Assessment Report
- The archive is to be hosted across three data centres: PCMDI (US), DKRZ (Germany) and the BADC
- Provide secured access for 1000s of users accessing from multiple institutions
- For Data providers give the ability to:
  - register genuine users and track usage
  - provide feedback to sponsors on data access
  - keep users informed of changes to data or services

Trust Relationships for Cross-Site Access

Bilateral trust agreements between NDG partner organisations enable Single Sign On and shared access to secured resources across sites

Integrating into an Existing Site Infrastructure

Security services are modular components that integrate into existing data centre infrastructures. Requests for data or other resources are filtered through the Gatekeeper.