Mission Statement

“To realise a fully operational world-class and resources-rich grid environment at the national level in the Netherlands to serve public scientific research, including particle physics, life sciences and all other disciplines, and to encourage actively general grid usage across all disciplines.”

Data explosion in science

Data generated by:
- Detectors
- Medical imaging instruments
- Micro-arrays
- Multi-sensor experiments
- Earth observation experiments

Scientific Application Areas
- Particle Physics (LHC)
- Astronomy (LOFAR)
- Genome and protein analysis
- Biobanks
- Biodiversity
- Life sciences
- Archeology
- Historical archiving
- Water management
- Digital repositories

Project Goals
- Set-up a distributed ICT infrastructure to facilitate scientific research.
- To provide data analysis (compute) and data storage/archiving resources.
- To provide grid services to attract a broad range of scientific disciplines.
- To provide human resources to assist scientific disciplines.

Founding Partners
- Netherlands National Computing Facilities Foundation (NCF)
- National institute for subatomic physics (Nikhef)
- Netherlands Bioinformatics Centre (NBIC)

Key Milestones
- 2007: Set-up of organisation and procurement model
- 2008: Applications up-and-running, operational model in use
- 2009: More applications, operational model fine-tuned
- 2010/11: Full application range, permanent follow-up in place

Operational Partners
- SARA Computing and Networking Services (SARA)
- National institute for subatomic physics (Nikhef)
- Centre for Information Technology – Groningen (CIT-RUG)
- Philips Research