

Grid activities in NIKHEF

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Projects

- European Data Grid
- AliEn
- Dutch Grid
- DØGrid

European Data Grid

- Prototype for distribution of data and analysis in the fields of
 - HEP
 - Earth Observation
 - Bioinformatics

European Data Grid

- NIKHEF participates in
 - WP4: fabric management
 - WP6: testbed
 - WP6/WP7: authorization
 - WP7: networking
 - WP8: HEP applications
 - WP12: project management

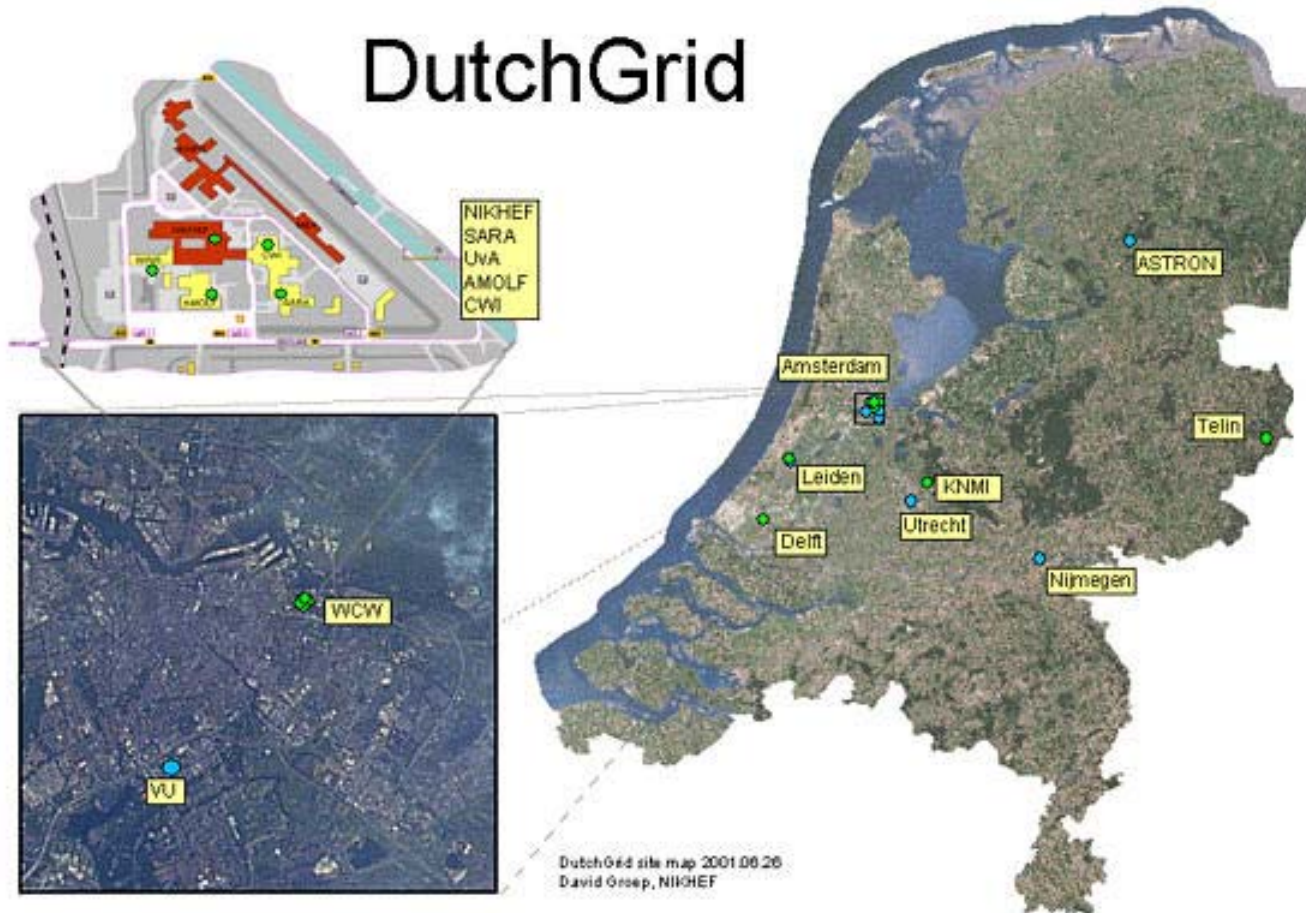
European Data Grid

- Testbed 1
 - Deployed in November 2001
 - Collaboration of CERN, IN2P3, INFN, Manchester, RAL, NIKHEF, ...

AliEn

- Prototype of ALICE collaboration
- Successful test in December 2001
 - Commands issued from CERN
 - 43 cpu days at NIKHEF
 - Data stored at CERN

DutchGrid



Dutch Grid

- shared security infrastructure
- DutchGrid Certification Authority
- DAS-2
 - wide-area distributed computer of 200 dual Pentium-III nodes, distributed over five universities.

DØ Grid

- Successful initial test of Condor in DØ MCC
- Waiting for
 - GridFTP
 - needed for data storage at SARA
 - Implementation of Condor in DØ software
 - enables use of DAS cluster

Other EU projects

- DataTag
- SecureGrid