

South African National Grid

Infrastructure and User communities

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Outline

- SAGrid infrastructure
- Support and collaboration with other projects
- User Community support and development





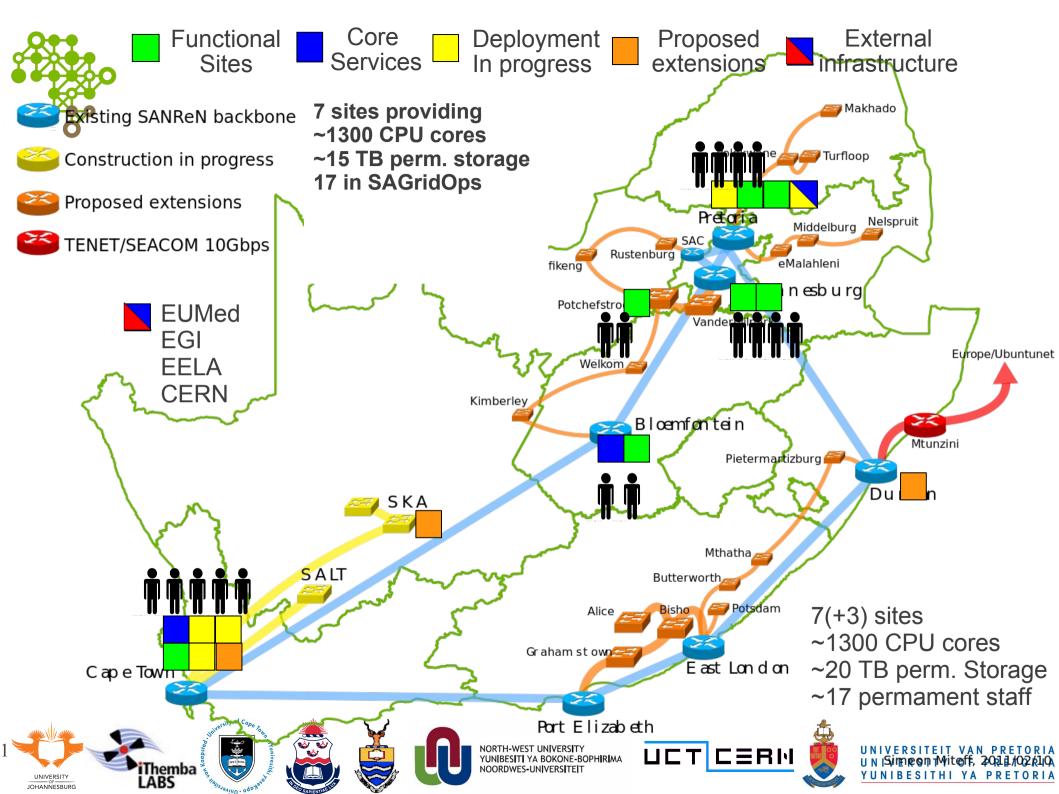














Projects to respond to e-Science challenges

EPIKH – http://www.epikh.eu



- Exchange Programme to Advance e-Infrastructure Know-How
- CHAIN http://www.chain-project.eu





- Coordination and Harmonisation of Advanced e-Infrastructures
- SPECIAL http://www.special-project.it
 - "Supporting virtual research communities across Italy and South Africa"

























User Communities

- Major focus since end 2009, lots of work during 2010
- Mission: support all users, in VO's, in our region, and the world, through infrastructure sharing
- Support issues a problem of scale.
- Self-supported communities :
 - ATLAS VO (2 sites)
 - ALICE VO (2 sites)
 - E-NMR (2 sites)

















User Communities

- SAGrid is catch-all VO
- Has to develop and support "the long tail": single applications used by many groups of few people.
- Permanent call for new applications via questionnaire – porting where necessary
- Try very hard to coordinate with EGI AppDB, CHAIN/EPIKH AppDB's











