NREN Twinning – An Example: DFN - KENET

VC Twinning Workshop
TUESDAY 27 OCTOBER 2009
Gerti Foest, DFN
Where are we?

- MoU approved by the Boards of both NRENs
- Signature of MoU on the way
- Detailed work plans to be set up for first exchange
- Start of “real work” as soon as possible
How did we proceed?

• Expression of interest in “twinning” by KENET
• Meeting at DFN offices with Executive Director KENET (Meoli Kashorda), Executive Director DFN, DFN staff
  – Two “round table” sessions on
    • Organisation and Network infrastructure
    • Services
• Identification of work areas
• Identification of procedures and methods
• Result: MoU
Work Areas

- Optical Network Design and project management
- NOC Management and Engineering
- Pricing structures for new network services
- Deployment of new network services
- Sustainability of NREN services
Methods

• Technical “Hands On” training
• Internships for junior engineers from Kenya with specific work assignments
• Support of KENET engineers in the preparation of technical bid documents
• Review and audit of KENET network and NOC operations
• Training courses (technical and organisational)
• Exchange of Know-How in specific areas
Procedures

Exchange visits of experts

• Aim of the visit, work areas and methods are identified, discussed, agreed and fixed in writing in advance

• Duration, dates and the number of are agreed between the Parties and communicated well in advance

• Participants of each exchange (visiting and hosting) provide a written report to DFN and KENET

• Costs
  – Own transport costs covered by each Party
  – Cost of living and accommodation covered by hosting Party
Benefits

• KENET is expected to benefit from
  – DFN’s experience in building and operating a National Research and Education Network (NREN) organisation including commercial, technical, organisational and legal aspects.
  – the possibility to establish research collaboration with German universities and research institutes through DFN

• DFN is expected to benefit from
  – the knowledge of KENET’s infrastructure as well as local commercial, technical and organisational models and challenges which will
    • open opportunities for German institutions connected to DFN to collaborate with Kenyan universities and research institutions connected to KENET
    • enable the DFN staff to give appropriate support to such institutions