



Connect. Communicate. Collaborate

# Celebrating the Launch of CAREN- a perspective from DANTE

Matthew Scott  
DANTE

21 September 2010

# DANTE's involvement in Regional development programmes



Connect. Communicate. Collaborate

- DANTE's has a long and successful record in managing Regional R&E network development programmes on behalf of the EC.
- However its the **beneficiaries** of these programmes that are the main priority for such projects
- DANTE sees its success in being able to assist such regional projects to
  - Establish a sustainable long term solution that
    - Helps researchers collaborate on a worldwide basis
    - Breaks down issues of 'digital divide'
    - Brings communities together to leverage on the huge potential societal and scientific benefits that better e-infrastructure can bring

# DANTE's involvement in CAREN



Connect. Communicate. Collaborate

- CAREN builds on the successful and pioneering work carried out by the Silk project backed by NATO
- Now a new phase has begun
  - Higher capacities and lower prices have been achieved
- The project team lead by David West ( incl Robert, Istvan and Askar) has worked very hard to achieve this major first step for CAREN
  - Still much scope for improvement though!
    - Retendering for higher capacities and better pricing
    - Geographic inclusion of more NRENs

# CAREN challenges



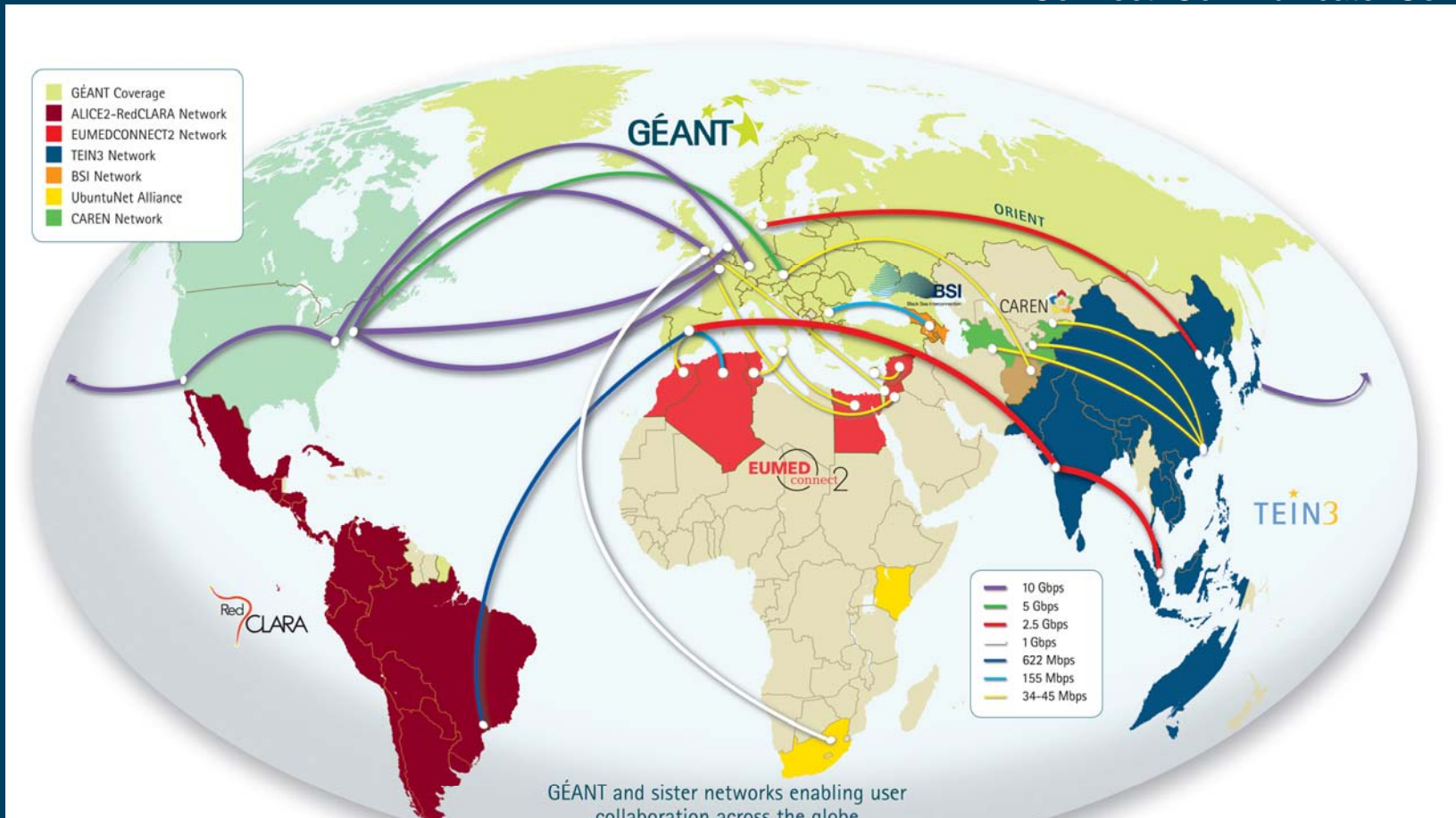
Connect. Communicate. Collaborate

- **Small number of NRENs connected**
  - Difficult for long term financial stability
    - Eg GEANT now connects 34 NRENs directly – much less susceptible to impact from new joiners and leavers
  - Need consistent involvement of regional NRENs to act together for economies of scale in procurement
  - Cost sharing links requires NRENs to share the burden of different costs across the backbone for the collective benefit
- **Suppliers need to understand the longer term benefits of providing low cost high capacities**
  - Unlocks demand – increasing usage and increased investment in e-infrastructures
- **Users need to become aware of the potential**
  - increasing demand will bring better value for money

# CAREN on the world map



Connect. Communicate. Collaborate



CLARA: successful role model for CAREN

Started from small beginnings as AIDCO funded 'ALICE' project

Now very close group of NRENs working together with common objectives operating a very large network across Latin America



Connect. Communicate. Collaborate

# Summary

- DANTE is delighted to share this milestone with you
- Encouraged by all the support from the respective ministries and the EC
- Looking forward to a bigger faster cheaper network connecting more NRENs and their users