

ATICS: “Improving bandwidth management is probably the easiest way for universities to improve the quantity and quality of their bandwidth for educational purposes.”

Past, Present, and Future of Research in the Information Society (PPF), 13-15 November 2005, Tunis
AAU Conference on African Research and Education Networking Infrastructure, 14-15 November 2005, Tunis



Bandwidth management

1. **Monitoring** and **management** of available resource
 2. **Optimisation** of the resource to ensure value for money and fitness of purpose
- Three key groups to ensure success:
 - Executive management
 - Senior implementation management
 - Technical staff involved in the day-to-day implementation

Past, Present, and Future of Research in the Information Society (PPF), 13-15 November 2005, Tunis
AAU Conference on African Research and Education Networking Infrastructure, 14-15 November 2005, Tunis



Management seminars, training support and information resources to support **bandwidth management and optimisation** capacity development

Martin Belcher
<mbelcher@inasp.info>

Past, Present, and Future of Research in the Information Society (PPF), 13-15 November 2005, Tunis
AAU Conference on African Research and Education Networking Infrastructure, 14-15 November 2005, Tunis



What is available?

- Information briefing packs targeted at senior institutional managers and ICT professionals.
- Policy development workshops and training materials to support the development of supportive policy environments.
- Network traffic monitoring and analysis workshops, training materials and software tools.
- Open source tools and solutions workshops, training materials and software tools.

Past, Present, and Future of Research in the Information Society (PPF), 13-15 November 2005, Tunis
AAU Conference on African Research and Education Networking Infrastructure, 14-15 November 2005, Tunis



What is available continued...

- Network control and network traffic shaping workshops, training materials and software tools.
- Content caching and filtering and authentication workshops, training materials and software tools.
- Standalone training and documentation resources in bandwidth-friendly Email service provision and scheduled download strategies and techniques.
- Community portal for resource distribution and online information exchange.

Past, Present, and Future of Research in the Information Society (PPF), 13-15 November 2005, Tunis
AAU Conference on African Research and Education Networking Infrastructure, 14-15 November 2005, Tunis



Institutions and NRENs getting involved

- NRENs (where they exist) could host a regional, national or local seminar or workshop events
- Institutional representatives participating in the seminars or training workshops
- Providing additional support to extend the programme beyond the current funding boundaries
- NRENs would seem ideal holders and facilitators of this information
- Technical partners involved in software tool development

Past, Present, and Future of Research in the Information Society (PPF), 13-15 November 2005, Tunis
AAU Conference on African Research and Education Networking Infrastructure, 14-15 November 2005, Tunis



When and where?

- Pilot seminars and training have been run in:
 - Zambia with participants from Zimbabwe and Tanzania
- Additional seminars and training will be run at national and local level in:
 - Ethiopia, Ghana, Kenya (February), Malawi, South Africa (January), Tanzania, Uganda, Zimbabwe (April)
- Regional events for francophone Africa:
 - Rwanda, Senegal, Cote d'Ivoire, Congo and at least one other country
- Timetable
 - Provisional dates shown above, invitations are being sent out now for participation in national level activities
 - Expressions of interest are invited

Past, Present, and Future of Research in the Information Society (PPF), 13-15 November 2005, Tunis
AAU Conference on African Research and Education Networking Infrastructure, 14-15 November 2005, Tunis



Further information ...

- More information on the Bandwidth Management and Optimisation programme can be found in:
 - Blue bandwidth management and optimisation folders available to all participants
 - *Optimising Internet Bandwidth in Developing Country Higher Education*
 - In print and also online: <http://www.inasp.info/pubs> in English, French or Spanish
 - <http://www.inasp.info/training/bandwidth/>
 - More information about the entire support programme, workshops, resources and publications

Past, Present, and Future of Research in the Information Society (PPF), 13-15 November 2005, Tunis
AAU Conference on African Research and Education Networking Infrastructure, 14-15 November 2005, Tunis



Thank you

Further information on bandwidth management and optimisation:

<http://www.inasp.info/bandwidth/>

The bandwidth management and optimisation programme is supported by:
VLIR: This programme is undertaken as the "Optimization of the use and management of bandwidth at university level" undertaken with financial support from the Flemish Interuniversity Council.
IDRC: This programme is undertaken as the "Supporting training for the optimization of university bandwidth in Africa" undertaken with financial support from the Canada Fund for Africa.

Past, Present, and Future of Research in the Information Society (PPF), 13-15 November 2005, Tunis
AAU Conference on African Research and Education Networking Infrastructure, 14-15 November 2005, Tunis

