



TEE

Broadband Services from and for Engineers



FIBA Europe / Castoria - FIBA Pool

Technical Chamber of Greece

- Technical advisor of the State
- More than 100.000 members
- More than 10.000 ICT engineers

Broadband – What is needed?

- Infrastructure is on the way

- Key enablers
 - Content
 - Education

Broadband – What is needed?

- GRNET study (in 2005):
 - 27,3% is using PCs
 - 19,5% is using the Internet

- Reasons for not using them:
 - “Don’t know how” - **EDUCATION**
 - “What’s in there for me?” - **CONTENT**

Broadband – FROM engineers

- ICT engineers work in:
 - Public authorities and services
 - Universities
 - Infrastructure manufacturers
 - Telecom operators and Service Providers
 - Service creation and content development

- What's the added value?
 - Technical expertise
 - Commercial skills and expertise

Broadband – FROM engineers

- TCG structure for ICT:
 - Elected scientific committees
 - Permanent committee related to ICT
 - Specialized sub-committees for ICT areas

- Contribution:
 - Strategy development support
 - Participation in public calls
 - Adaptation of international standards
 - Institutional frame for ICT

Broadband – FOR engineers

- Particularities of the engineering profession:
 - Free lance
 - Heavy software tools usage
 - Work out of office, and in remote locations
 - Work in virtual teams
 - Centrally located databases

- Connectivity needs:
 - High speed connections for large files transfer (blueprints, designs, calculation sheets etc.)
 - Optimum cost
 - Mobility
 - Networking
 - Electronic communications (e-mail, VoIP)

Broadband – FOR engineers

- Services applicable to engineers:
 - VPNs
 - Access to technical legislation libraries
 - Access to pricing tools
 - Electronic transactions with the public authorities (permits issuance, e-auctions, social security etc.)
 - Statistical data submission
 - Taxation
 - e-Banking
 - ...and many others

Broadband – FOR engineers

- TCG Databank currently offers:
 - TCG portal
 - ADSL service provisioning (3000 users, 18% of the total)
 - Participation in the program DIODOS
 - Public sector works pricing
 - Legal library
 - Technical library
 - Employment information

Broadband – FOR engineers

- TCG Databank plans to implement:
 - Online administrative transactions
 - Electronic publications
 - Private sector works pricing
 - e-signatory
 - e-working
 - File sharing
 - File routing
 - Conference
 - Common desktop

How can the engineers contribute more?

- PC and Internet user's educational profile:
 - 63% of the upper-level educated population
 - 32% of the medium-level educated population
 - 2% of the lower-level educated population

Engineers belong to the 1st category

- “Entrance window” to broadband

Summary

- Engineering community active on Broadband
- Key enablers are: Content and Education
- TCG is actively assisting on promotion of Broadband services