



CEPIS
Council of European Professional
Informatics Societies

CEPIS President

Prof. Vasile Baltac

**Digital Trends 2011
Green ICT and Cloud Computing
Athens, 5 December 2011**

www.cepis.org



Digital Trends 2011

- Forum encouraging discussion
 - increasingly vital topics
 - ICT sector contribution on economic growth and productivity
 - Promoting Information Society in Europe



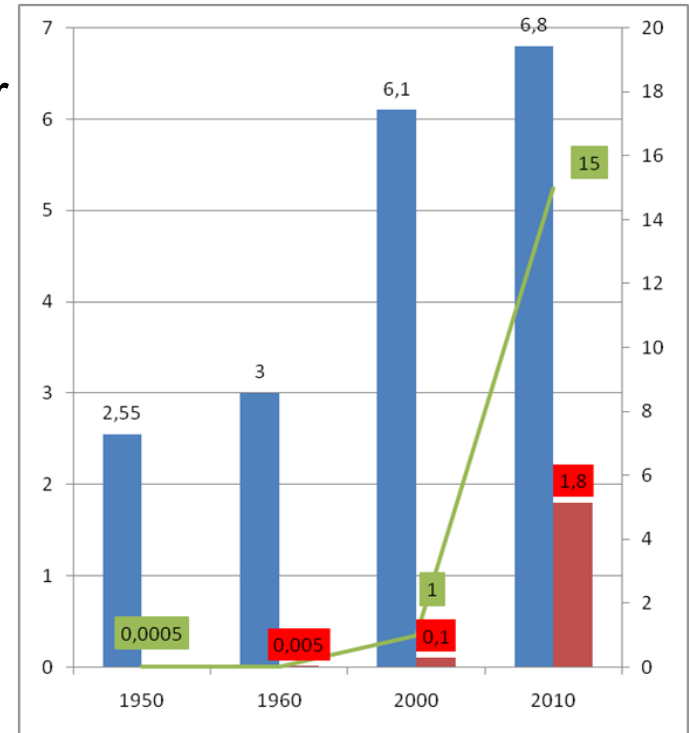
CEPIS

- Council of European Professional Informatics Societies
 - Informatics professionals from 33 countries
 - Over 350,000 IT professionals
 - 36 Member Associations
- CEPIS plays a key role in the Digital Agenda
- Focus on strategic areas
 - Professionalism, e-Skills, Green ICT and through our Legal & Security Issues
 - Special Interest Network - a pan-European recognised paper on Cloud Computing



Digital Age

- The impact that ICT has brought to our daily lives
- This digital age needs to be embraced not just by ICT professionals
 - ICT users from thousands (1950) to 2 Billion (2011) and to 4 Billion (soon)
- All sectors of society use ICT for the benefit of the recovering economy, productivity and smart growth





Smart growth

- Part of EU Europe 2020 strategy
- Smart growth
 - improving the EU's performance in using ICT,
 - new products/services that generate growth and jobs
 - encouraging people to use new skills
- CEPIS and its Member Societies - strategy around the contribution that this sector can have on society
 - without a proper strategy to be left behind



How Green are You?

- The way of the future is digital
- Limit the way ICT sector harms the environment
- The positive impact that the ICT sector can have in reducing Europe's carbon footprint
- European Commission report- ICT equipment and services
 - 2,5 and 4% of the EU's carbon emissions
 - 8 to 10% of our electricity consumption



Green ICT Actions

- European stakeholders to join together
- All major emitting sectors to band together to take advantage of the energy saving capacity of ICT
- The use of Green ICT needs to be encouraged and promoted
 - organisations like SMEs
 - European citizens' own personal use of ICT



CEPIS and Green ICT

- The Green ICT Task Force
 - 10 different countries
 - 11 informatics associations from across Europe
- Byron Nicolaides, CEPIS Honorary Secretary and Vice President of HePIS
 - information about the Task Force
 - results of a recent pan-European survey for ICT Managers



Stakeholders

- Public and private sectors - responsibility in power consumption and wasteful usage of ICT resources
- Public authorities - adopt actions in order to enhance public e-services
- Private sector - practices that contribute to energy efficiency and reduction of power consumption
- Green ICT practices in our personal and professional lives



Cloud Computing

- Cloud Computing - important focus of CEPIS strategy
- Advantages of Cloud Computing
 - cost savings, especially for SMEs
- Implications of data protection particularly across borders
- European Commission's public consultation this year
 - Cloud Computing strategy that is to be launched next year



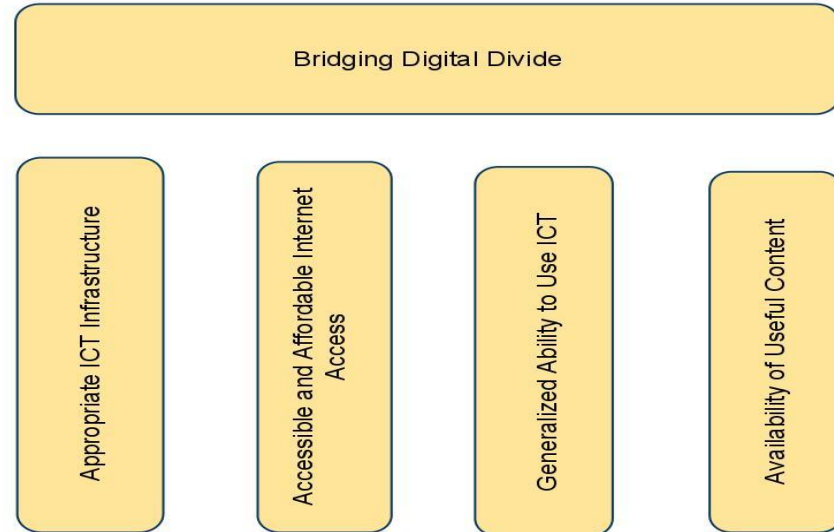
CEPIS paper on Cloud Computing

- The positive impact on all of our daily lives
- Security and privacy implications
- The CEPIS working group
 - loss of control over data
 - dependence on the Cloud Computing provider
- Recommendations to deal with the risks and privacy invasion factors
- Huge value that Cloud Computing can provide in the corporate world and beyond



Bridging Digital Divide – The four Pillars

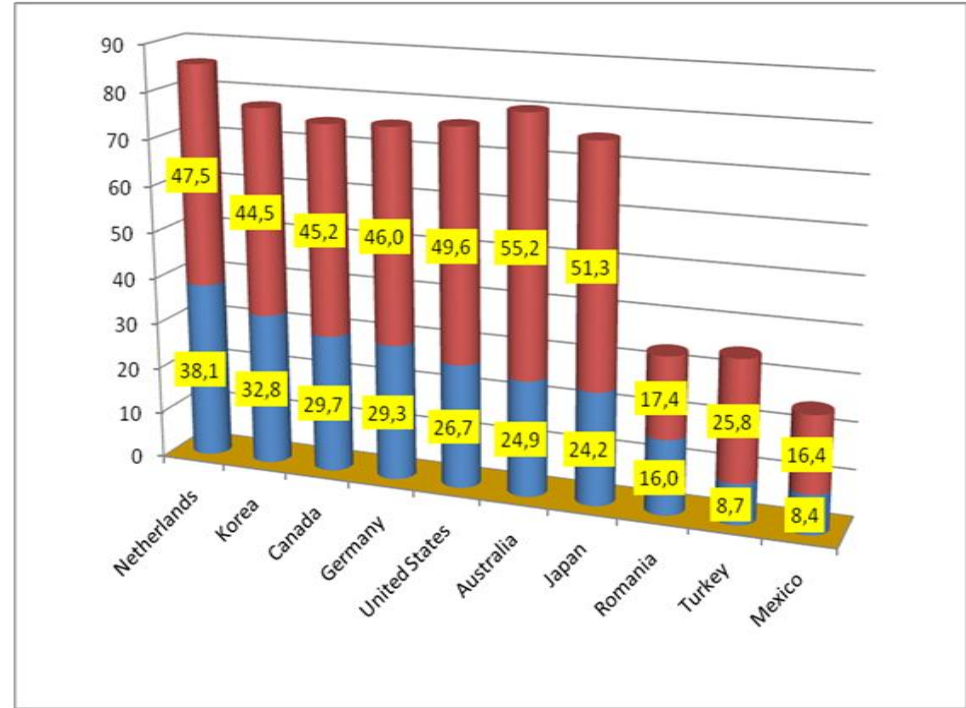
- Appropriate ICT Infrastructure
- Accessible and Affordable Internet Access
- Generalized Ability to Use IT
- Availability of Useful Content





Cloud computing and 2nd Digital Divide

- Predominant narrowband (red) vs. broadband (blue) access
- New Divide – in the use of transactional applications
 - eGovernment, eCommerce, cloud computing, etc.





Digital trends 2011

- CEPIS is proud to co-host of Digital Trends 2011 with its Greek Member Society HePIS.
- Forum – a relevant and significant event
- The event to inspire you to realise the importance of two influential topics



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Thank you!

Σας ευχαριστούμε!