

Sustainability aspects of ICT related programmes with R&D elements



Mr. Sándor Ferge

Ministry of Informatics and Communications
Hungary



Introduction



- **ICT related programs =
Developing Information
Society**

- The role of technology
- The role of science and research
- The role of cooperation
- The role of development and innovation



What is Information Society?

- Immaterialisation
- New products
- New services
- Knowledge based economy



Sustainability and economics models



- **Conflicts between cooperation based and market based model**
- **Balanced Economy, Environment, Society**



Hungarian programs of IT



- NIS – 1995
- **ITB - 1996**
- Magyar Válasz – 1999
- Tézisek – 2000
- Charta - 2000
- NITS - 2001
- **MITS - 2003**
- **ITKTB - 2003**

New objectives

- **Review of Lisbon Strategy**
- **i2010 goals**
- **More complex approach**

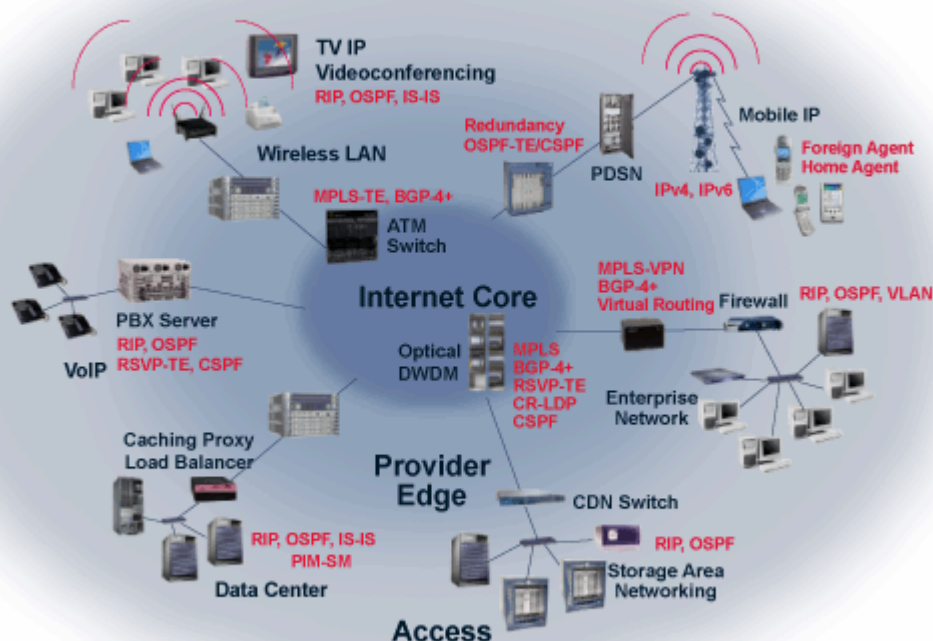


The role of science and research

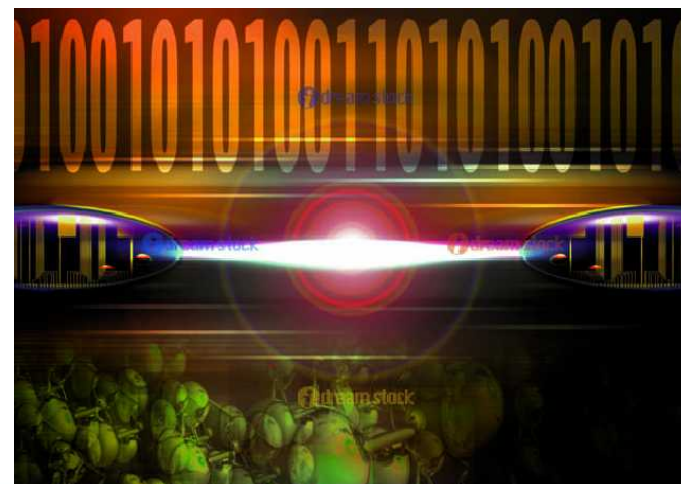


- Part of i2010
- High priority in MITS
- Needed to develop Information Society

The role of technology

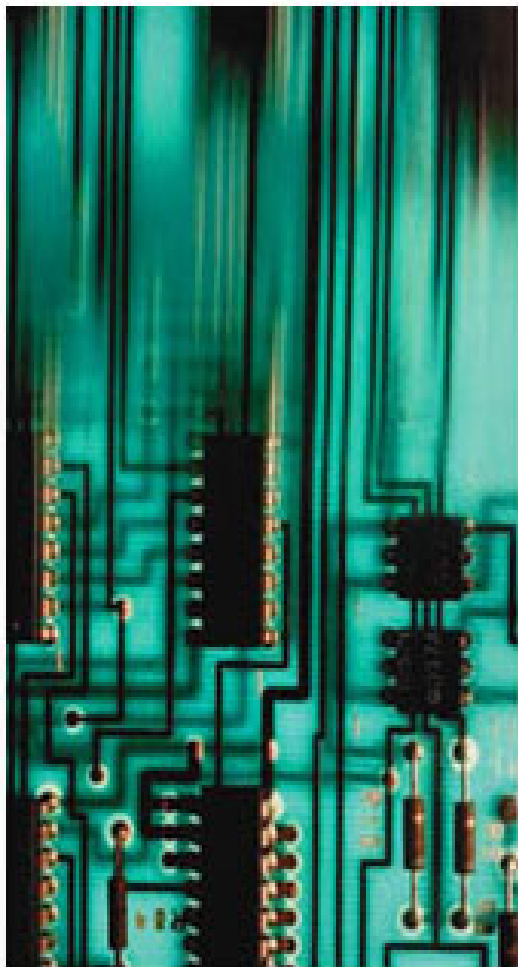


- Fusion of technologies
- Next Generation Network



The role of technology

Technological forecast



Push

- Digital delivery
- Cognitive systems
- Linguistic systems
- IT - utility
- Augmented reality
- Services-based systems
- Network society

Pull

- eWork
- eLearning
- eGovernment
- eBusiness
- public services

The role of cooperation



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- EU
- State
- Region
- Community



The role of cooperation

Share of knowledge



WIKIPEDIA
The Free Encyclopedia

- **Public domain goods**
- **Wikis**
- **Open sources**

The role of development and innovation

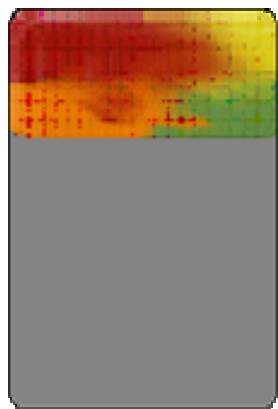
- S&R
- D&I
- modernisation



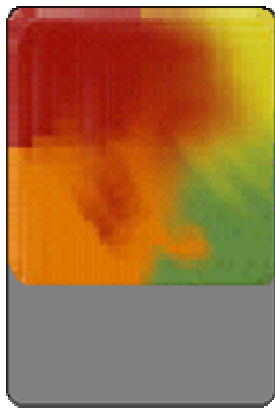
The role of development and innovation

Research & Development – Innovation

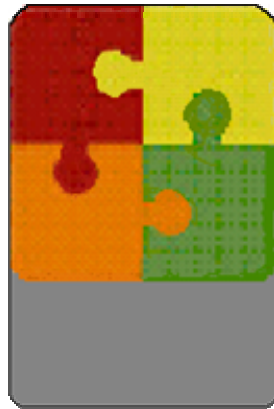
Business Process Reengineering



Conventional
working process



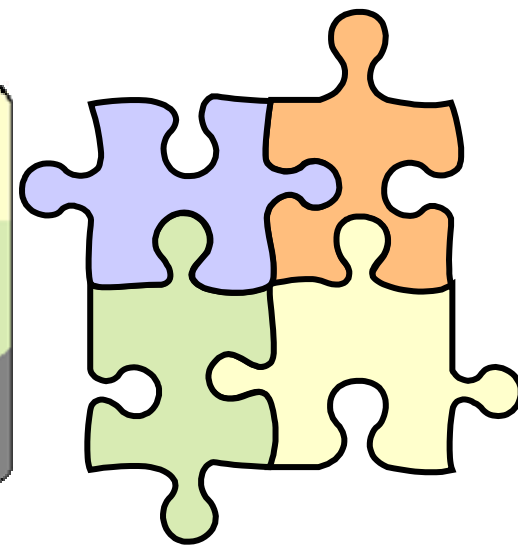
Prevalence
intellectual
working processes



Use of informatics
in working
processes



Immaterialize
working
processes



Electronic services

Use of ICT technologies

***Thank you for
your attention!***



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Mr. Sándor Ferge

Ministry of Informatics and Communications

sandor.ferge@ihm.gov.hu