

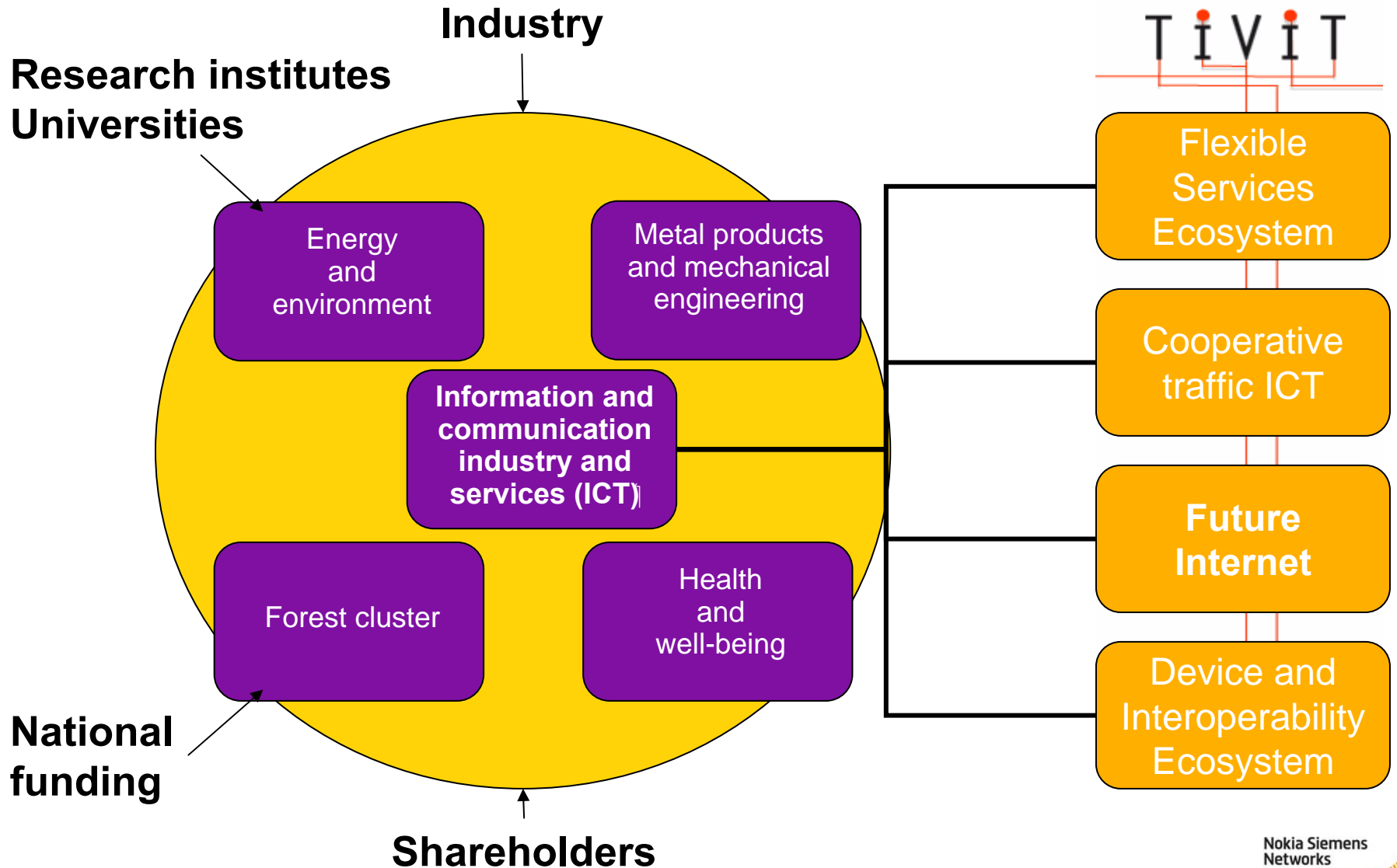
ICT SHOK Future Internet Programme

A Finnish national research programme on Future Internet

Reijo Juvonen, Nokia Siemens Networks

FIRE Launch, 10 Sep 2008, Paris

Strategic Centres for Science, Technology and Innovation (SHOK) in Finland



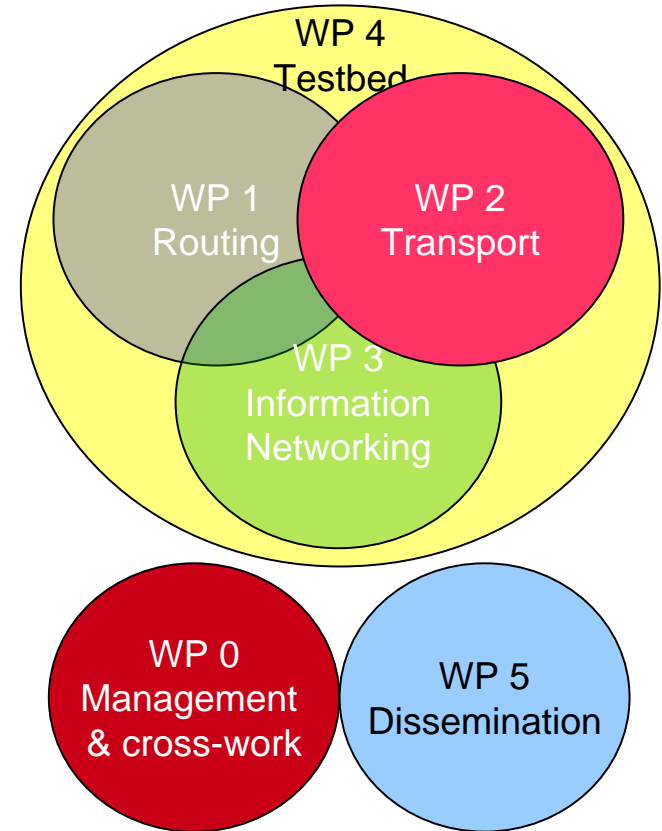
ICT SHOK Future Internet Programme

Mission:

Enhance the Internet technology and ecology as a *platform for innovation* while providing strong governance over the use of the network resources and information in such a way that especially mobile use of the network and its services will be natively supported



- Start: April 2008
- 50 person years/year
- + SMEs



ICT SHOK Future Internet Testbed

- Testbed Infrastructure based on Finnish national research and education network (NREN) FUNET:
 1. Separate Internet connection (non-firewalled)
 2. Point-to-point lambda connection (usually a CWDM/DWDM wavelength), (all layer 2 encapsulations supported)
 3. Multipoint-to-multipoint layer 2 network (standard Ethernet)
 4. International testbed interconnection is possible using already interconnected fiber/DWDM infrastructure through Europe (up to GEANT2 network and national NRENs)

- International cooperation needs
 - Wider scale testing of routing, e2e and information networking solutions and protocols, as well as interoperability of reference implementations

Cooperation welcome!

More info:

www.futureinternet.fi

- Focus area director of FI@FI:
Reijo Juvonen / NSN (reijo.juvonen@nsn.com)
- Academic coordinator of FI@FI:
Jukka Manner / TKK (jukka.manner@tkk.fi)