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## Innovation Cooperation over Traditional Boundaries

Networked Business and Government –  
Something Real for the Lisbon Strategy

Finland's EU Presidency Conference in  
Helsinki 23-24 October, 2006  
House of the Estates


Yrjö Neuvo  
Nokia

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## Vision

Current state:  
The Finnish successes is based on technology creation



Target State:  
The Finnish strength is quick implementation of  
new service innovations

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## Dimes (Digital Media Service Innovations)

- To create an open innovation environment for the Finnish ICT Cluster
- To turn technology and competences effectively into customer driven services earlier than elsewhere
- Benefiting both business and society

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## Dimes Operational Principles

- Dimes promotes networked projects, which have high level of ambition in terms of applicability and productivity.
- Main criteria: national base – international reach, business orientation, strategic impact

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## Scope of Activities

- Promotes service innovation opportunities for SME's, public sector and research institutions in cooperation with large ICT enterprises
- Provides concrete ICT-industry initiatives for public R&D programs
- Creates an open innovation network and environment for its members and partners
- Provides a neutral forum for PPP strategy development
- Possesses capacity to ramp-up programs of national and international impact

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## Current Programs

- Program Areas:
  - Service Innovation Foresight
  - Service Oriented Systems
  - Rich Media Services
  - National Test Beds
  - National EU Cooperation Network
- Participants:
  - Enterprises
  - Public Sector Organizations
  - Regional and Interregional Players

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## Service Innovation Foresight

- Make Finland a forerunner in determining digital media services offered, standards applied and platforms used
- Take social changes and trends – social innovations
- Translate them to services needed
- Translate services to technology platforms, standards and other infrastructure

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## Service Oriented Systems

- Contributes to emergence of service centric ICT market by
  - Coordinating projects and activities
  - Deployment of service oriented ICT infrastructure based on business priorities and users needs.
  - Organizing cross sectoral workshops
  - Making recommendations, roadmaps and tutorial material
- Spearheads projects: e-business service infrastructure, smart phone innovations, e-invoice deployment at the EU-level and ubiquitous systems

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## National Test Beds

- Collects Finnish Test Beds resources available for third party testing under a uniform framework
- Covers geographically Dimes sites
- Develops independent test services
- Organizes joint workshops and produces tutorials
- Has international reach trough EU programs
  
- Includes broadcast, telecom and ubicom networks for embedded applications
- Spearheads with DVB-H, IPTV and OFDM test networks and industrial ad hoc networks such as WSN and RFID

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## National EU Cooperation Network

- Technology Platform eMobility
  - Three workshops, contribution to the SRA
- Technology Platform ARTEMIS
  - Three wokshops, contribution to the SRA
  - National Artemis mirror group: ARTEMIS-Simetra
  - Call for proposals for Tekes Ubicom program
- Technology platform NEM
  - One workshop event, contribution to the SRA
- Finnish EU project coordination office
- Networking ICT cluster in Finland with Brussels

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## Dimes achievements

- Number of active members is over 50
  - Big enterprises 27% of members
  - Small and medium size enterprises 48% of members
  - Research bodies 10% of members
  - Other 15% of members
- Five active programs in place
  - Number of active projects in these programs is over 10
  - Number of project in preparation is over 15
  - Total value (cost) of above mentioned development projects is over 16M€
- Networked open innovation environment has been established in practice, not only on paper
- Nationwide operations collecting actors from several sectors, not only from ICT cluster

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## Three (3) main obstacles slowing Europe's competitiveness down

- Obstacle 1: Europe's fragmentation slows down ICT services innovation
- Obstacle 2: We lack agile innovative companies that could make ICT innovations real
- Obstacle 3: ICT does not attract enough young talents

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## Three (3) concrete measures to boost Europe's competitiveness

- Measure 1: Expand the Joint Technology Initiative type of operating model to cover ICT services ASAP
- Measure 2: Set up target (within ten years) when all major public services in Europe are based ICT usage with homogenous interaction principles
- Measure 3: Leapfrog to mobile internet with 3G and unlicensed wireless with seamless European wide free roaming

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## Dimes, official members status, August -06

- Elisa
- Nokia Corporation
- TietoEnator
- YLE
- Finnet Association
- TelliaSonera
- VTT
- Pöyry Telecom
- Hewlett Packard
- Fujitsu Siemens
- Elektrobitt Group
- Vaisala
- Teleste
- ICT Turku
- Oulu Innovation
- Technology Centre Hermia
- FiCom
- PM's Office (Information Society Program)
- Elcoteq
- Sanoma WSOY
- Nordea
- Microsoft
- Digita
- Ilmatieteenlaitos
- ManPower Business Solutions
- Plenware
- Mermit Business Applications
- Movial
- Idean Research
- Bulbon
- Ortikon Interactive
- Valkeus Interactive
- BookIT
- Conifidex
- FCB/Esoa Oy
- Paikkatietopalvelut MHG Oy
- Aurora Borealis Research Centre
- CSC
- IAMSR, Åbo Akademi
- University of Turku, Department of Information Technology
- Helsinki University of Technology
- Helsinki Institute of Information Technology
- University of Helsinki
- University of Oulu
- Tampere University of Technology
- Teke as an expert member
- Sitra as an expert member

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