



# Future Developments in the ICT in Relation with Telecentres

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## **Drivers for Changes in the Society**

**My Life** 

Private and Leisure Time, Hobbies
Social Life / Working Life
Becoming Senior
Privacy, Trust and Security

How are my private and working life changing?

**My New Services** 

eHealth
eBusiness
eGovernment
All other e-Services

Changes and new requirements in my living and working environment

Savings and economies

New groups of employees

Health and satisfaction in work

Efficiency increase in organisations

Climate change, air pollution, eVehicles

Traffic jams, transport and intelligent logistics

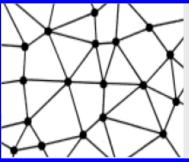
Ecological use of materials and process efficiency

Regional development, new businesses and employment



## **ICT Enablers for Telecentres / Proxi-offices**





Enabling
Distributed
Networks,
Organisations
and Businesses

## **Trust and Security**

- PKI and eID-management, authentication
- Digital signature
- eID federation between organisations, also cross border
- TSSO (total single sign on) Integrated role-based physical and logical access control to buildings and data

#### Infrastructure

- Fibre, broadband
- Mobile telecoms
- Satellite telecoms
- NFC
- Cloud computing



#### **Applications**

- Mobile solutions
- Video conferencing, telepresence
- SaaS & Cloud apps
- Telemanagement
- Virtualisation

## New opportunities for telecentres and Proxi-offices



### **Changes in Working Environment**

- Mobility and flexibility in work
- Responsibility of work results
- Entrepreneurship, self discipline
- Virtual organisations
- Collaborative team working
- New work culture and management

#### **Telecentre – Proxi-office Services**

- Generic and specific office services, software
- Videoconferencing, Telepresence
- Booking system platform with user, facilities and services management
- Virtual cloud services for various user groups (for independent, public, business, & other organisations)
- Collaborative working tools & methods
- eBusiness support web2.0-based services (SMEs, etc.)
- eServices (health, social, etc.)
- Proxi-services (food, energy, etc.)



## Suurpelto, new smart suburbs in Espoo



## Suurpelto

- Started in 2009 (+ 10 15 years)
- Designed for 10,000 residents and 10,000 workplaces.
- Modern office facilities, new advanced technologies, flexible collaborative working systems and methods to be used
- Proxi-office units and meeting rooms run by operators enabling employees to carry out their daily work patterns without travelling to the employer's premises.
- Meeting rooms with videoconferencing equipment to minimize work-based travelling





## Thank You!

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