

on Line



Using tomorrow's ambient intelligence to shape today's business

UBIQUITOUS COMPUTING
CLUSTER PROGRAMME
FINLAND



UBIQUITOUS COMPUTING
CLUSTER PROGRAMME



OSKE
CENTRE OF EXPERTISE
PROGRAMME

VISION 2013

The vision of the Ubiquitous Computing Cluster is that by the end of the programme season in 2013, Finland will be the know-how leader in the development, commercialisation and capitalisation of embedded intelligence in human-centred, distributed, mobile and constructed environments.

Assignment of the cluster

In the future ICT will be increasingly embedded as an integral part of applications and business in various industries. The cluster's main task is to generate new, globally competitive ICT business activity. The production of applications and services is made possible by a strong research foundation, companies that represent the global frontline and close networking between companies, research institutions and the public sector.

Centres of Expertise

The Ubiquitous Computing Cluster Programme consists of five Centres of Expertise:

**The Helsinki Region Centre of Expertise
Culminatum Ltd Oy - Helsinki Region
Centre of Expertise ●**

Irmeli Lamberg, Tel. +358 400 883 822
irmeli.lamberg@culminatum.fi

**The Jyväskylä Region Centre of Expertise
Jyväskylä Innovation Ltd ●**

Kari Halttunen, Tel. +358 50 340 9911
kari.halttunen@jklinnovation.fi

**The Oulu Region Centre of Expertise
Oulu Innovation Ltd ●**

Olli Lukkari, Tel. +358 40 593 7465
olli.lukkari@ouluinnovation.com

**The Satakunta Centre of Expertise
Prizztech Ltd ●**

Ari Eklund, Tel. +358 44 710 5345
ari.eklund@prizz.fi

**The Tampere Region Centre of Expertise
(Coordination 2007-2010)**


Technology Centre Hermia Ltd ●

Kirsi Lindfors, Tel. +358 40 820 4608
kirsi.lindfors@hermia.fi

Associate Member

**STOK – electrical building services centre
Posintra Ltd ●**

Leena Tuomi, Tel. +358 40 730 5440
leena.tuomi@stok.fi



The Ubiquitous Computing Cluster Programme in Finland is part of the national Finnish Centre of Expertise Programme. The main national objective of the Centre of Expertise Programme is to create a long-term strategy for the full utilisation of the top-level expertise present in the regions of Finland.

Strategic Objectives

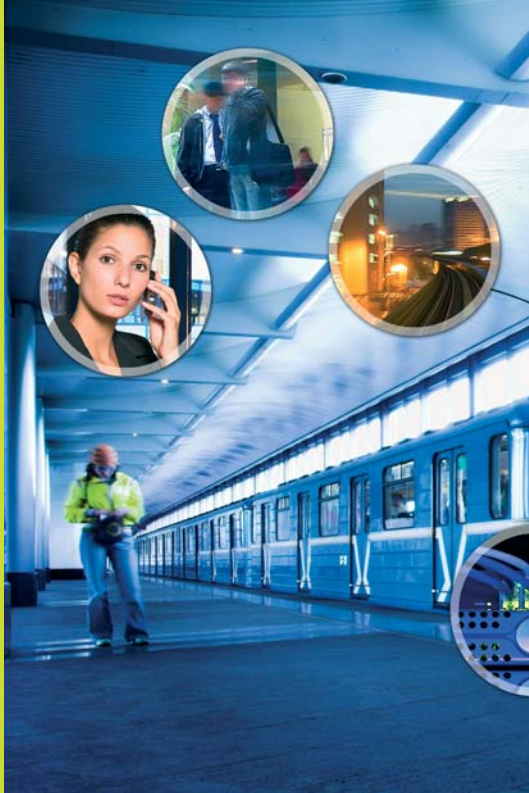
- 1. To increase the exploitation of ICT in different areas of society**
- 2. To accelerate the commercialisation of ICT-based ideas and products in the global business arena**
- 3. To support the development of new technologies that bear risks for business**

In the fields of research and technology, platforms, pilots and solutions all based on the latest wireless and ambient intelligent technologies are developed using Living Labs.

Promoting networking between businesses in different ICT domains in order to generate product concepts and applications which are better suited to leading market needs.

The establishment of Living Labs in order to support the development of user-driven applications as well as for speeding up business innovation and product-to-market processes.

The challenges presented in business networks, productisation and commercialisation are all channeled as part of the business innovation process so as to create a better understanding of user needs and of the scope of business processes.



Internationalisation

Bridging the gap between domestic and global markets

- **Finnish industry can use the Ubiquitous Computing Cluster Programme's framework to access key foreign markets and international networks in which to build new business partnerships and strive for further business growth.**
- **The Ubiquitous Computing Cluster Programme recognises the potential for transnational cross-cluster collaboration.**

Areas of focus

Jyväskylä region • Technology based on the growth of business • Mobile information communications • Multichannel services and applications • Human-centeredness, user-driven planning, HCI • Analysis- and data-acquisition tools • Nanotechnology sensors and relevant applications

Oulu region • Seamless end-user experiences/ network convergence • Vertical integration • Wireless applications and services

Satakunta • Technology brokerage activities • Technology and ubi-application pilots • Software fora • Researcher meetings • Anticipation of future technologies

Tampere region • New electronics • Human-centered technology • Networks and network elements • Software engineering and Open Source • Ubimedia

Helsinki region • Innovation arena processes • Forecasting activities • Living Lab environments • Ubiquitous computing technology travel bag • Theme-specific virtual incubators • Electrical building services • Open source integration platform for the electrical building system and ICT





*Ubiquitous Computing
Cluster Programme
Finland 2007-2013*

Contact information

www.ubi.fi

info@ubi.fi

Programme Director

Juha Miettinen

Tel. +358 400 567 575

juha.miettinen@hermia.fi



UBIQUITOUS COMPUTING
CLUSTER PROGRAMME



OSKE

CENTRE OF EXPERTISE
PROGRAMME