



**Strategic Centre for  
Health and Well-being  
23.3.2010**

# Strategic Centres for science, technology and innovation

In June 2006, the Science and Technology Policy Council (Research and Innovation Council) of Finland decided to establish in Finland Strategic Centres in fields that are important to the future of Finnish society and business and industry:

- energy and the environment
- metal products and mechanical engineering
- the forest cluster
- health and well-being
- information and communication industry and services

## Research, piloting, internationality

- ✓ The Strategic Centres will carry out the research strategy and plan specified by the shareholders.
- ✓ The Centres' operational core will consist of research programmes based on the research agenda.
- ✓ Testing and piloting environments and ecosystems constitute an essential part of the centres' operations.
- ✓ The Centres will have extensive national and international partner networks.
- ✓ Long-term public funding and operative continuity is ensured for selected areas.

## The shareholders determine the direction

- ✓ The Centre will consist of the coordinating function jointly owned by the parties, and a virtual research organisation.
- ✓ A non-profit limited company will be responsible for the Centre's operations; the company's shareholders include relevant companies, universities and research institutions.
- ✓ The company's shareholders will prepare a Strategic Research Agenda for the Centre and decide on how the agenda will be carried out.
- ✓ The parties who are not shareholders can participate in the centre's research programmes and projects.

# Strategic Centres in operation

<b>The forestcluster</b>	<b>Forest Cluster Ltd. (2006)</b> <b><a href="http://www.forestcluster.com">www.forestcluster.com</a></b>
<b>Information and communication industry and services</b>	<b>Tivit Ltd. (2007)</b> <b><a href="http://www.tivit.fi">www.tivit.fi</a></b>
<b>Metal products and mechanical engineering</b>	<b>Fimecc Ltd. (2008)</b> <b><a href="http://www.fimecc.com">www.fimecc.com</a></b>
<b>Energy and the environment</b>	<b>Cleen Ltd. (2008)</b> <b><a href="http://www.cleen.fi">www.cleen.fi</a></b>
<b>Health and well-being</b>	<b>SalWe Ltd. (2009)</b> <b><a href="http://www.salwe.fi">www.salwe.fi</a></b>
<b>Built environment innovations</b>	<b>RYM Ltd. (2009)</b> <b><a href="http://www.rym.fi">www.rym.fi</a></b>

[www.tekes.fi](http://www.tekes.fi) → networking

# Strategic Centre for Health and Well-being

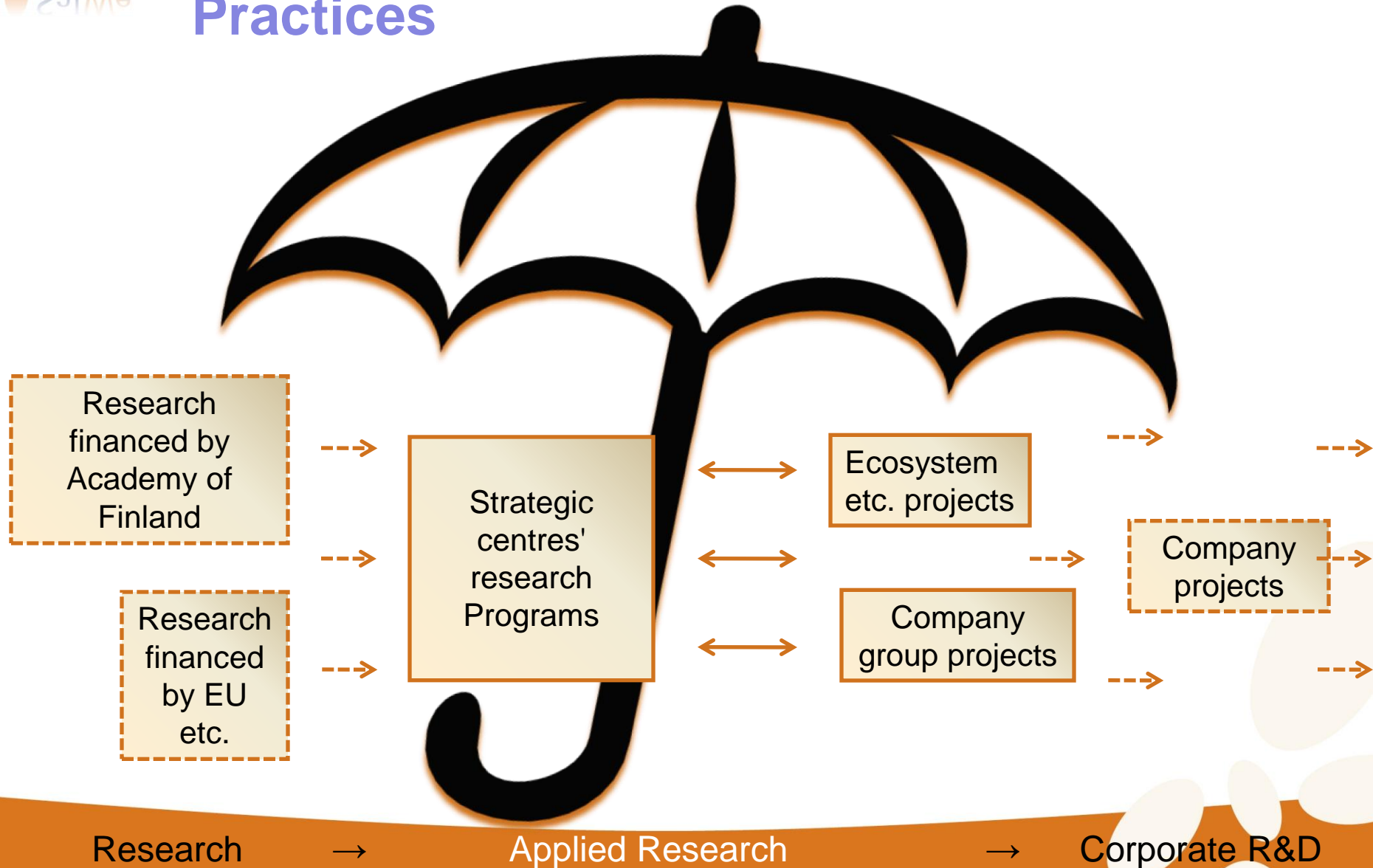
**Mission:** Improving health and well-being of an individual to foster related Finnish business.

**The goal** is to develop products, services and practices to prevent and treat diseases with major public health and economic impact, and comprehensively maintain and improve the functional capabilities of an individual.

The diseases and conditions selected for focus are

- Microbial infections and inflammation
- Obesity and metabolic syndrome
- Neurodegenerative and psychiatric diseases as well as a healthy brain under stress
- Malignant diseases, especially solid tumors

# From Research to Products, Services and Practices



# Research Programs and Work Packages in preparation

## **Intelligent Monitoring of Health and Well-being**

- WP 201 Intelligent Biomarker Combinations
- WP 202 Intelligent Platform Integration
- WP 203 Intelligent Printable Monitoring
- WP 204 Novel Models of Citizen-Professionals Collaboration
- WP 205 Multimodal Picture Archiving

## **Mind and Body**

- WP 301 Stress and Obesity
- WP 302 Progressing Brain Disease and Damaged Brains
- WP 303 Wide Range Personal Health Management



# Shareholders

## Industry

Biotie Therapies Corp.  
CSC - IT Center for Science Ltd  
Elekta Oy  
Finnzymes Oy  
GE Healthcare Finland Oy  
Invalidiliiton Asumispalvelut Oy  
Duodecim Medical Publications Ltd.  
Oy Medix Biochemica Ab  
Mobidiag Ltd.  
Nexstim Oy  
Orion Corp.  
Philips Oy  
The Finnish Red Cross Blood Service  
Thermo Fisher Scientific Oy  
Tieto Healthcare & Welfare Oy  
Valio Ltd.

## Institutions

Agrifood Research Finland MTT  
Finnish Institute of Occupational Health  
Aalto University  
Tampere University of Technology  
UKK Institute  
University of Helsinki  
University of Jyväskylä  
University of Kuopio  
University of Oulu  
University Tampere  
VTT Technical Research Center of Finland  
Åbo Akademi

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**Salute!**