

# TEKEL

Finnish Science Park Association

Homes for Innovation

# TEKEL

Finnish Science Park Association

**A nationwide cooperation network  
connecting 31 member organisations  
in Finland's University cities.**



Foodwest Ltd.



Joensuu Science Park Ltd. /  
Pentti Potkonen



## The IASP definition of a Science Park:

- A Science Park is an organisation managed by **specialised professionals**, whose main aim is to increase the **wealth of its community** by promoting the culture of innovation and the competitiveness of its associated businesses and knowledge-based institutions
- To enable these goals to be met, a Science Park stimulates and manages **the flow of knowledge and technology** amongst universities, R&D institutions, companies and markets; it facilitates the **creation and growth of innovation-based companies** through incubation and spin-off processes; and provides other **value-added services** together with **high quality space** and facilities

(IASP, International Association of Science Parks: [www.iasp.ws](http://www.iasp.ws))

## 31 Members of TEKEL

VANTAA INNOVATION INSTITUTE



SCIENCE PARK  
TURKU

TECHNOPOLIS

FRAMI:

TECHNOLOGY CENTRE  
INNOPARK



LAPPEENRANTA  
innovation

PRIZZTECH

ERINOVA  
TECHNOLOGY CENTRE

LAHTI SP PARK  
SCIENCE & BUSINESS

Joensuun  
Tiedepuisto

SNOWPOLIS  
VUOKATTI FINLAND

MIKTECH

TECHVILLA

culminatum  
INNOVATION

FOODWEST



AGROPOLIS | TIEDEPUISTO  
AGROPOLIS SCIENCE PARK

FINNIMEDI

Vaasa Parks



HERMIA LTD

KETEK®



Hermia Yrityskehitys Oy

HELSINKI  
BUSINESS &  
SCIENCE PARK  
HBSP



DIGIPOLIS  
KEMIN TEKNOLOGIAKYLÄ

Jyväskylä  
Innovation

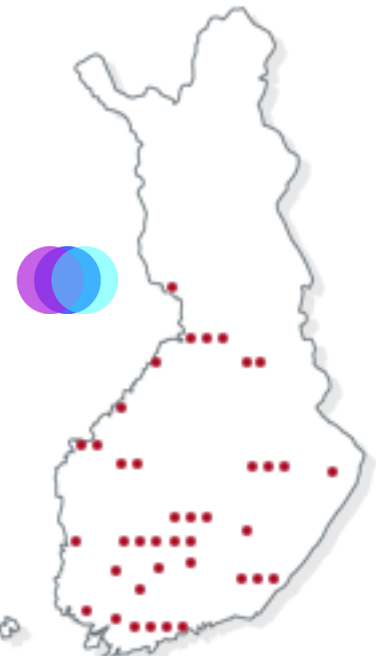


BUSINESS OULU

yrittysalo



KUOPIO  
innovation



## The mission of the TEKEL Network

The main objective of the TEKEL network is to develop **internationally attractive, top-class environments for innovation.**



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## TEKEL CENTRES' COMMON MISSION

The development of internationally attractive,  
top-class environments for innovation

## THE 3 BASIC PILLARS OF THE SCIENCE PARK CONCEPT – CRITICAL SUCCESS FACTORS

**Creative  
environments  
for operation  
& development**

**Specialised  
services  
for growth  
companies**

**Pioneering  
spirit**

**Development programmes**

## STRATEGIC FOUNDATION

**A nationwide network**, where participants from different areas effectively support the growth and internationalisation of technology companies.

Comprehensive **networks and contacts** at home and abroad.  
Implementers and developers of national **innovation policy**.

## COMMON VALUES AS A FOUNDATION

Co-operation, expert knowledge, innovation, quality, reliability

## Benefits for client companies of the members of TEKEL

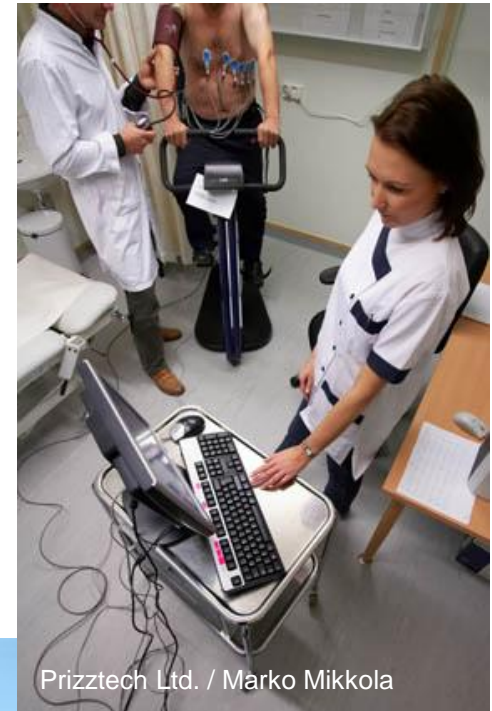
- **Business services**
- **Networking services**  
Domestic and international contacts
- **Business development services**  
Business incubator services for start-ups, business expertise for commercialising, training and consultancy services etc.
- **Space for innovation-based companies**  
High-quality, fully-equipped premises close to colleagues
- **Implementation of national programmes**  
Centre of Expertise Programme (CoE) etc.



## Technology areas

- Automation, lifting and moving technology
- Biotechnology, pharmaceuticals development
- Chemical and plastic technology
- Digital media, content production
- Electronics, optoelectronics
- Energy technology
- Environmental technology
- Food technology
- Forestry and wood technology
- Healthcare and medical technology
- Information and communication technology
- Laser technology, optics
- Logistics
- Maritime and boat technology
- Materials research and technology
- Measurement technology
- Metal, machine and tool technology
- Nanotechnology
- Paper manufacturing technology
- Sports technology

The Members of TEKEL specialise in different fields of technology.  
A single science park may specialise in several different fields.



Prizztech Ltd. / Marko Mikkola



Frami Ltd.

## Key figures

**TEKEL member centres  
contain (in total)**

- **1,300,000 m<sup>2</sup>**
- **780 employees**
- **2,200 customer companies and organisations**
- **20 technology incubators**
- **14,100 business contacts**



## Effect on industrial and innovation policy

- Entrepreneurship
- Employment
- Regional development
- International competitiveness



## TEKEL in action

- leads the co-operation of the technology centres' network
- acts as a mediator between policymakers and technology centres
- promotes the members of TEKEL and their activities
- develops and supports the internationalisation of the members of TEKEL



## Members of TEKEL help hi-tech enterprises to start up, grow and internationalise


### TEKEL

#### Focus on

- research-based technology
- specialisation in top expertise areas
- co-operation between private & public sector
- networking
- international approach



## Milestones & progress

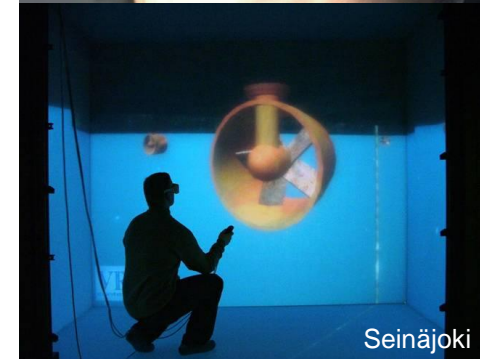
- 1982 First Finnish science park
- 1985 Premises for enterprises near universities, incubators
- 1988 **Finnish Science Park Association TEKEL**
- 1990 Commercialising research-based business ideas
- 1994 Centre of Expertise Programme (OSKE)
- 1995 Developing regional clusters, specialized services
- 2007 13 national Competence Clusters and 21 regional Centres of Expertise
- 2008  20 TEKEL years
- 2008 Enterprise Europe Network ->
- 2009-> Several national programmes starting



Jurilab / Teknia

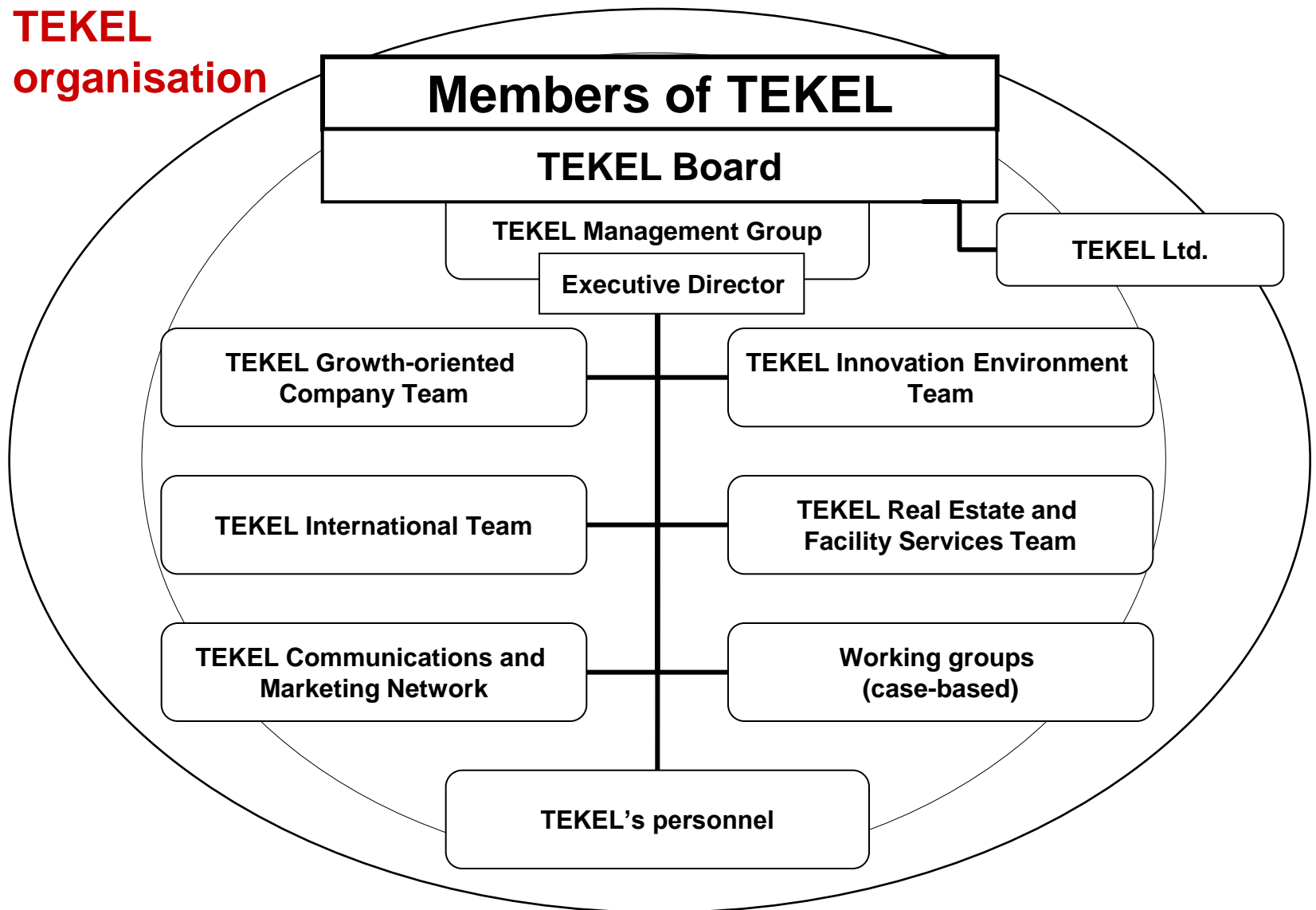


Prodetec / Jyväskylä



Seinäjoki

## TEKEL organisation



## Networking domestically and internationally

### Some examples



Member of  
**IASP**



**WAINOVA**

World Alliance for Innovation

TEKEL is an Associate Member of the **International Association of Science Parks IASP**, and a Full Member of the **World Alliance for Innovation Wainova**.



**The Enterprise Europe Network** is the largest network of contact points providing information and advice to EU companies on EU matters, in particular small and medium enterprises (SMEs).



**OSKE**  
CENTRE OF EXPERTISE  
PROGRAMME

TEKEL works as the implementation body for the national Centre and Cluster of Expertise Development Project for the new **Centre of Expertise Programme**. In its implementation, the Centre of Expertise Programme (2007-2013) relies strongly on the TEKEL technology centres. ([www.oske.net](http://www.oske.net))



Leverage from  
**the EU**  
2007-2013

The implementation of “**The SME National Growth Programme**” is the responsibility of TEKEL. In addition, TEKEL is a partner organization in several other national programmes.



**FINPRO**

**FinproLink** is a co-operation network of TEKEL and Finpro.



**'A one-stop shop for businesses in over 40 countries'**

■ **The Network offers concrete and effective solutions to entrepreneurs and companies in more than 40 countries.**

■ In Finland, the network is coordinated by the Ministry of Employment and the Economy. Partners in co-operation are the Employment and Economic Development Centre for Southwestern Finland, the Helsinki Region Chamber of Commerce, the Finnish Science Park Association TEKEL, Licentia Ltd, Technopolis Ventures Ltd, Turku Science Park Ltd and Hermia Business Development Ltd.

■ **TEKEL acts as a moderator for technology transfer services and information on framework programmes in the Enterprise Europe Network in Finland.**

■ Information on framework programmes is provided in co-operation with the Finnish Secretariat for EU R&D.



*Business Support at Your Doorstep*

## OSKE – Business and new jobs from top-class expertise



- The idea of the OSKE is **to utilise top level knowledge and expertise as a resource for business operations, job creation and regional development.**
- The **TEKEL network** in a **key role** in the implementation of the OSKE programme
- **[www.oske.net](http://www.oske.net)**



## Clusters and the Centres of Expertise



**HealthBio Red Biotech Competence Cluster**  
Kuopio, Oulu, Helsinki,  
Tampere, **Turku**

**Living Business Competence Cluster**  
Joensuu, Hämeenlinna,  
Lahti, **Helsinki**

**Nanotechnology Competence Cluster**  
Joensuu, Jyväskylä, Kokkola, Mikkeli, Oulu,  
**Helsinki**, Tampere

**Health and Well-being Competence Cluster**  
**Kuopio**, Oulu, Helsinki, Tampere

**Digibusiness Finland**  
Hämeenlinna, **Helsinki**, Tampere, Kouvola

**Energy Technology Competence Cluster**  
Joensuu, Jyväskylä, **Vaasa**, Pori ja Tampere

**Ubiquitous Computing Competence Cluster**  
Jyväskylä, Oulu, Pori,  
Helsinki, **Tampere**

**Food Development Competence Cluster**  
Kuopio, Helsinki,  
**Seinäjoki**, Turku

**Cleantech Cluster**  
Kuopio, **Lahti**, Oulu, Helsinki

**Tourism and Experience Management  
Competence Cluster**  
Helsinki, **Rovaniemi**, Savonlinna, Turku

**Forest Industry Future Competence Cluster**  
Joensuu, Jyväskylä, Kajaani, Kokkola, Mikkeli,  
**Lappeenranta**, Turku

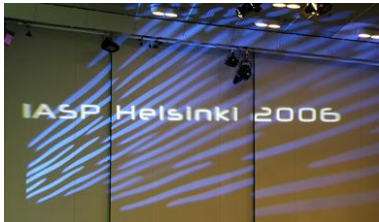
**Intelligent Machines Competence Cluster**  
Hyvinkää, Hämeenlinna, Lappeenranta,  
Seinäjoki, **Tampere**

**Maritime Competence Cluster**  
Lappeenranta, Pori, **Turku**, Vaasa

Centre of Expertise Programme  
2007-2013

## International co-operation of the TEKEL Network

- Research institutes
- Universities
- EU projects
- MOUs
- Facilities in Russia  
(Technopolis Plc.)



With the co-operation of the TEKEL network

**Internationally attractive surroundings for innovation  
& Help for companies to grow and succeed**



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[www.tekel.fi](http://www.tekel.fi)