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— Finnish Metals and Engineering
Competence Cluster

FIMECC Oy

Finnish Metals and Engineering Competence Cluster

Facts & figures, 11/2009

Shareholders

Institutions

- ▶ Hanken School of Economics
- ▶ Helsinki School of Economics
- ▶ Helsinki University of Technology
- ▶ Hermia Oy
- ▶ Lappeenranta University of Technology
- ▶ Laurea Univ. of Applied Sciences
- ▶ Metropolia Univ. of Applied Sciences
- ▶ Tampere University of Technology
- ▶ University of Art and Design Helsinki
- ▶ University of Jyväskylä
- ▶ University of Oulu
- ▶ University of Vaasa
- ▶ VTT Technical Research Centre of Finland
- ▶ Åbo Akademi

Industry

- ▶ ABB Oy
- ▶ Andritz Oy
- ▶ Boliden Kokkola Oy
- ▶ Cargotec Oyj
- ▶ FIMA ry
- ▶ Finn-Power Oy
- ▶ Konecranes Oyj
- ▶ KONE Oyj
- ▶ Kumera Oy
- ▶ Metso Oyj
- ▶ Outokumpu Oyj
- ▶ Outotec Oyj
- ▶ Rautaruukki Oyj
- ▶ Raute Oyj
- ▶ STX Europe Oy
- ▶ Tieto GMR Oy

Strategic research themes:

Outcomes

SB Service Business (open systems & processes)

High performance
service concepts

UE User Experience, Usability & Industrial Design

Outstanding
user experience

GN Global Networks (supply & demand chain mgmt)

Efficient and flexible
network structures

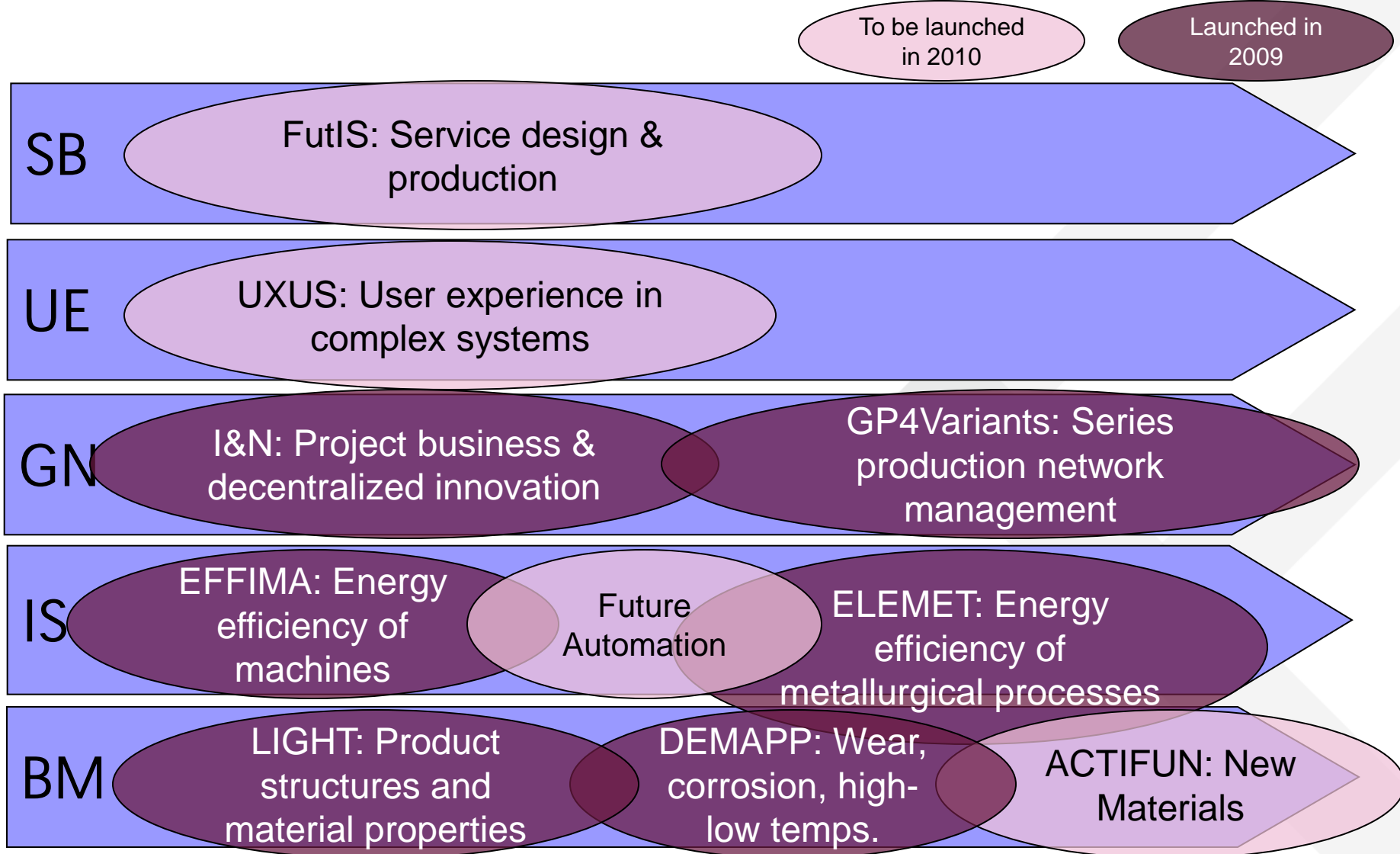
IS Intelligent Solutions (products & processes)

Leading solutions
to pioneering
customers

BM Breakthrough Materials (materials & processing)

New materials that
create new markets

Strategic research themes & program coverage:



Volume data

- ▶ Current volume of the six launched programs
 - 198 M€, ca. 2 000 person years
 - Growth: 26M€ (2009), 49 M€ (2010), 64 M€ (2011)
 - 73 companies (including 32 SMEs)
 - 15 universities & research institutes
- ▶ Objectives before 2012
 - 300M€ program base
 - To double the R&D intensiveness of metals and engineering sector
 - To create international innovation platform

Launched Programs

- ▶ **Innovation and Network**
 - About 44 M€, 2009 - 2014,
- ▶ **EFFIMA** - Energy and Life Cycle Cost efficient machines
 - About 41 M€, 2009-2013
- ▶ **ELEMET** - Energy & Lifecycle efficient metal processes
 - About 35 M€, 2009 - 2014
- ▶ **LIGHT** - Light and efficient solutions
 - About 20 M€, 2010 - 2013
- ▶ **DEMAPP** - Demanding applications
 - About 33 M€, 2009 - 2014
- ▶ **GP4Variants** - Global processes for high variety products
 - About 25 M€, 2009 - 2014,

Programs to be launched in 2010

- ▶ **UXUS** - User experience, usability & industrial design in complex systems
 - 2010 - 2014, 15 M€
- ▶ **FutIS** - Future Industrial Services
 - 2010 - 2015, 20 M€
- ▶ **ACTIFUN** - active and functional solutions (material)
 - 2010 - 2014, 20 M€
- ▶ **Future Automation** - Business power from new automation systems
 - 2010 - 2015, 20 M€

Contact

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