

Finnish cleantech market development

Environmental Programme | Cleantech Finland®

Jukka Noponen
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Finland, a model country for environmental sustainability

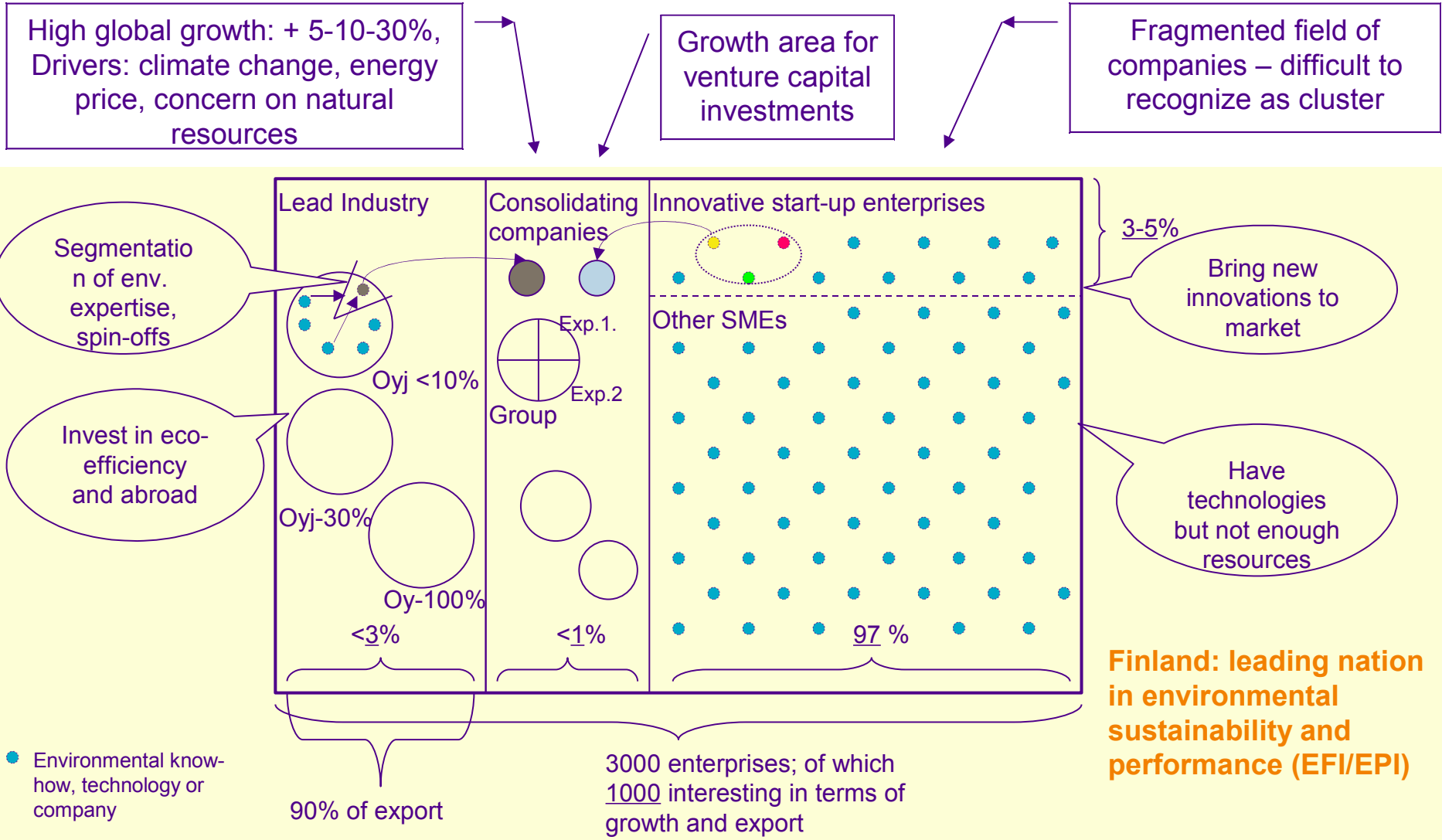
- Top nation in environmental sustainability
- ESI & EPI Yale and Columbia Universities
 - Finland's excellencies: Science and technology, water quality, sanitation, environmental health, private sector responsiveness, environmental governance
- Best in competitiveness (WEF), education (PISA), innovation, low corruption index (TI)
- Innovative and eco-efficient industry



Picture of the industry, although...

- Polarized and fragmented
 - 90% of export is carried out by the biggest segment of companies
 - Great number of small early phase companies and start-ups, a few mid-size companies
- Production 3.4...4 billion €
- Low growth rate in production and employment

Growth with innovative cleantech enterprises





Objectives of the Sitra Environmental Programme

- To network and upgrade the business activities and competitiveness of the Finnish environmental technology sector in the global markets.
- Core areas
 - Capital investments to developing companies
 - Development of internationalizing networks
 - National development and action plan

Major phases	2005	2006	2007
Studies	—————		
Foresight process	—————	—————
Strategy process	—————
Implementation, out-sourcing of actions	—————

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Programme Framework

Project areas	Objectives	Tools
Industry profile	Bringing cleantech firms forth	Network/Cluster Analysis
	Follow-up of market development	Statistical systems development, market follow-up
	Challenges of the Future	Foresight system, R&D analysis
	The Wherewithal for Venture Capital Investments	Finnish VC investment analysis and follow-up system, Cleantech Forum in Finland
Growth and internationalisation of export	Company Networks	Regional co-operation - national centre for expertise, network models/ China, Russia, USA
	Target market studies	Company driven pilot projects for selected markets/ China, India, Russia
	Financing	Financing models, subsidies and funds
Finland as top ranked environmental country	Top-ranking competences	Industry analyses
	Innovative Entrepreneurship – New Businesses – New Markets	Industrial residuals, material efficiency, green public procurement
	Integration	Regional co-operation - National Centre for Expertise, International co-operation, Business Awards, Congresses

Venture Capital Investments
 National Action Programme



Focus areas for venture capital investments

Clean and eco-efficient technologies

- Renewable energy, decentralised energy production
- Industrial clean technologies

Water, waste water and waste management

- Sludge treatment, organic waste, biogas
- Recycling
- Operation and PPP

Environmental measurement and monitoring

- Measurement systems, networks and sensors
- Information technology solutions



Bringing
the environment
into business
development

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Jukka.Nojonen@sitra.fi

www.sitra.fi | +358 9 618 991 | Itämerentori 2, PL 160, FI-00181 Helsinki