

SUSTAINABLE NETWORKS INTERNATIONAL COOPERATION

Terhi Jantunen 22.9.2016
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LAPPEENRANTA: WE MAKE THE FUTURE LOOK BETTER

DEFINING A GREENER TOMORROW

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**Decrease in
GHG emissions.**



Active public transport.



**High waste recycling
rate.**



**Extensive use of biomass
as a by-product of the
forest industry in energy
production.**



**The biggest inland
windfarm in Finland 2014.**



**Large production of
electricity by solar cells.**



**Energy-efficient
pumping station
purifying Lake Saimaa.**



**Combined power
and heat production
by CHP plant.**



Ecological actions and new
business operations to achieve
a more sustainable tomorrow

GREEN ENERGY SHOWROOM

Greenexample 16

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Green for Real

- Energy and Clean Tech Companies Cluster showcases the region's high-tech sites
- Promotes local enterprises among customers, partners, and prospective employees
- Promotes the region as a centre of energy and environmental technology
- attracts innovative investment to the region
- The city sees itself as a development platform for energy and environmental companies and tries to benefit from the newest technologies, while providing a reference market for innovative companies
- greenenergyshowroom.fi

Green Energy Showroom

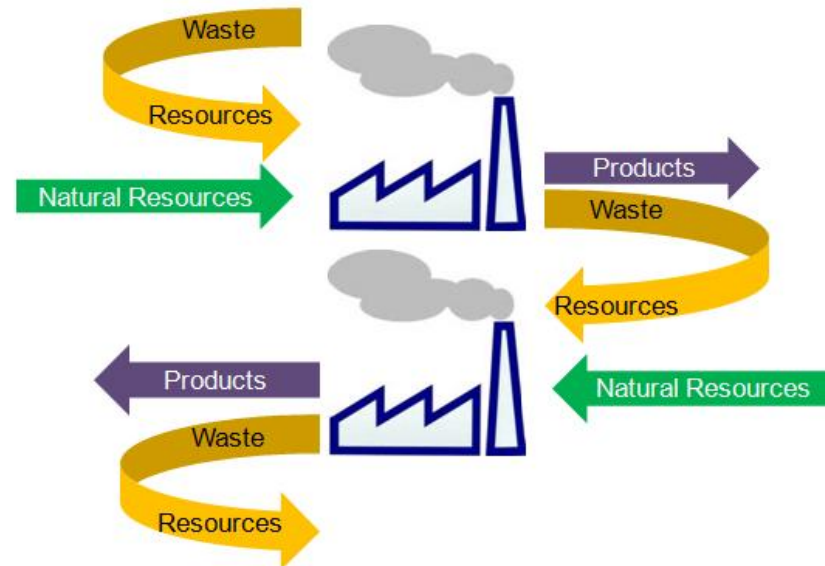




FISS – Finnish Industrial Symbiosis System

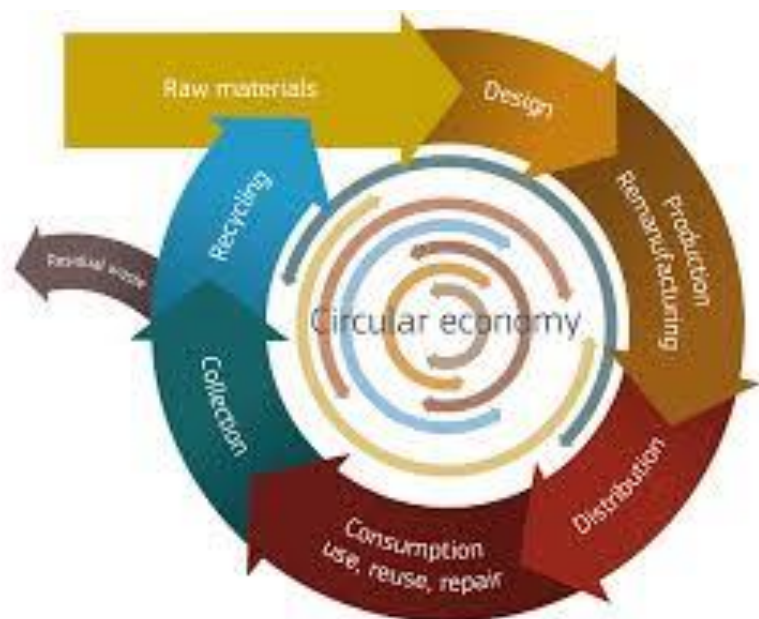
Motiva coordinates a national approach promoting industrial symbiosis called Finnish Industrial Symbiosis System (FISS). The system is based on British National Industrial Symbiosis Programme (NISP) methodology adapted to the Finnish operational environment.

517 companies, 4020 resources involved in FISS



Source: Rise (2015).

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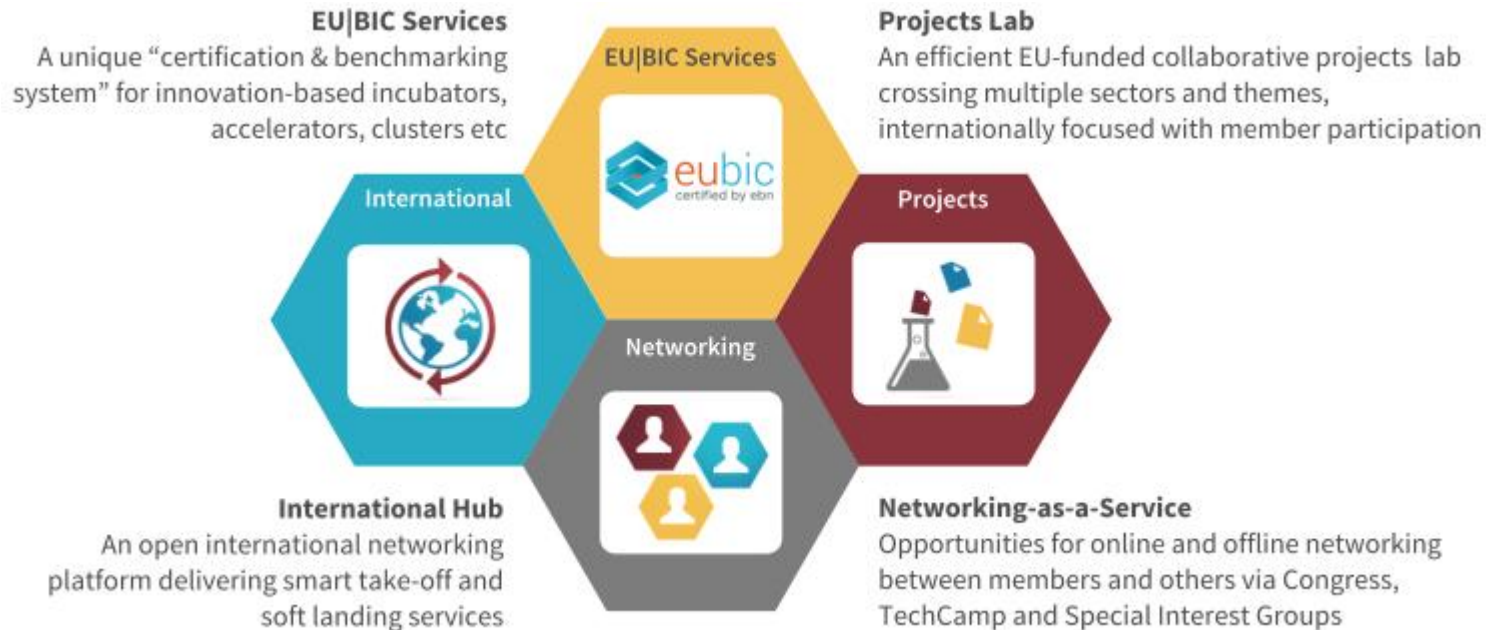
Source: OECD





An international community of smart & specialised organisations,
that connect & coach innovators, entrepreneurs & SMEs,
to start, grow & transform our economies

EBN is a network of around **150 quality-certified EU|BICs** (business and innovation centres) and **100 other organisations** that support the development and growth of innovative entrepreneurs, start-ups and SMEs. EBN is also a **community of professionals** whose day-to-day work helps these businesses to grow in the most effective, efficient and sustainable way.





Sectoral SIGs Special Interest Groups

Green Economy

climate change, environment, energy, cleantech

Bio Economy

medical technologies, biotechnologies, health, life sciences, pharmaceuticals, agro-food

Creative and Cultural Industries

design, leisure, fashion, media, culture, digital apps

Advanced Manufacturing

robotics, mecatronics, nanotechnologies, new materials, industrial processes, photonics

Smart Mobility

satellite-enabled services, geo-location, future transportation

CROSS-CUTTING THEMES SIGs

Entrepreneurship and Education

supporting new entrepreneurs with education and training to enable more effective start-ups and growth companies

Acceleration, Funding and Growth

new support programmes, crowd-funding, business angels and novel investment approaches

Internationalisation

cross-border acceleration, smart take-off and soft-landing programmes, starting global

Social Innovation

new ideas - products, services and models - that simultaneously meet social needs, more effectively than alternatives, and create new social relationships or collaborations

International sustainable development clusters integration

Shared Objectives

- Mutually set up and agreed objectives
- Easily followed-up objectives
- Enough freedom for individual actions

Commitment

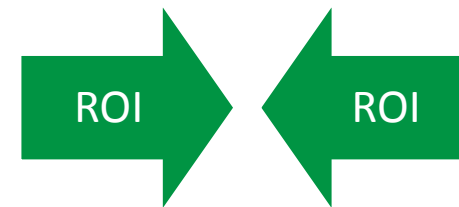
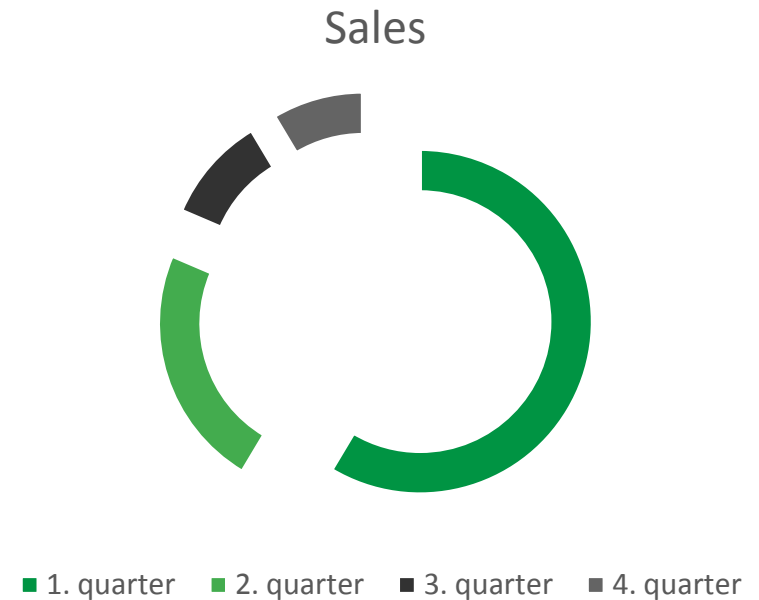
- Individual schemes for reaching shared objectives

Resources

- Enough resources
- Expertise
- Financial resources

ROI

- Multiplying ROIs
- Value adds from broad networks, excellent talents, high expertise



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THE POWER OF YES.

Thank you for listening.

Terhi Jantunen
Wirma Lappeenranta Ltd.
Terhi.jantunen@wirma.fi

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