

Welcome to Ostrobothnia

Stakeholder Engagement and the RIS3 Governance

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Ostrobothnia, the most industrial region in Finland

- The importance of manufacturing is significant:
 - The share of gross value added by manufacturing is more than a third
- 71% of manufacturing revenues comes from export
- The most significant industries in Ostrobothnia are also the most important branches within energy technology;
 - Manufacture of machinery and equipment and
 - Manufacture of electrical machinery and apparatus.
 - The total share of gross value added by manufacturing in 2010 was more than 50%



The strengths of Ostrobothnia: Powerful industry, strong concentrations and international companies

- A versatile economic structure

The biggest industrial domains:

1. Manufacture of machinery and equipment and the repair and installation of machinery and equipment
2. Manufacture of electrical equipment
3. Manufacture of basic metals and fabricated metal products

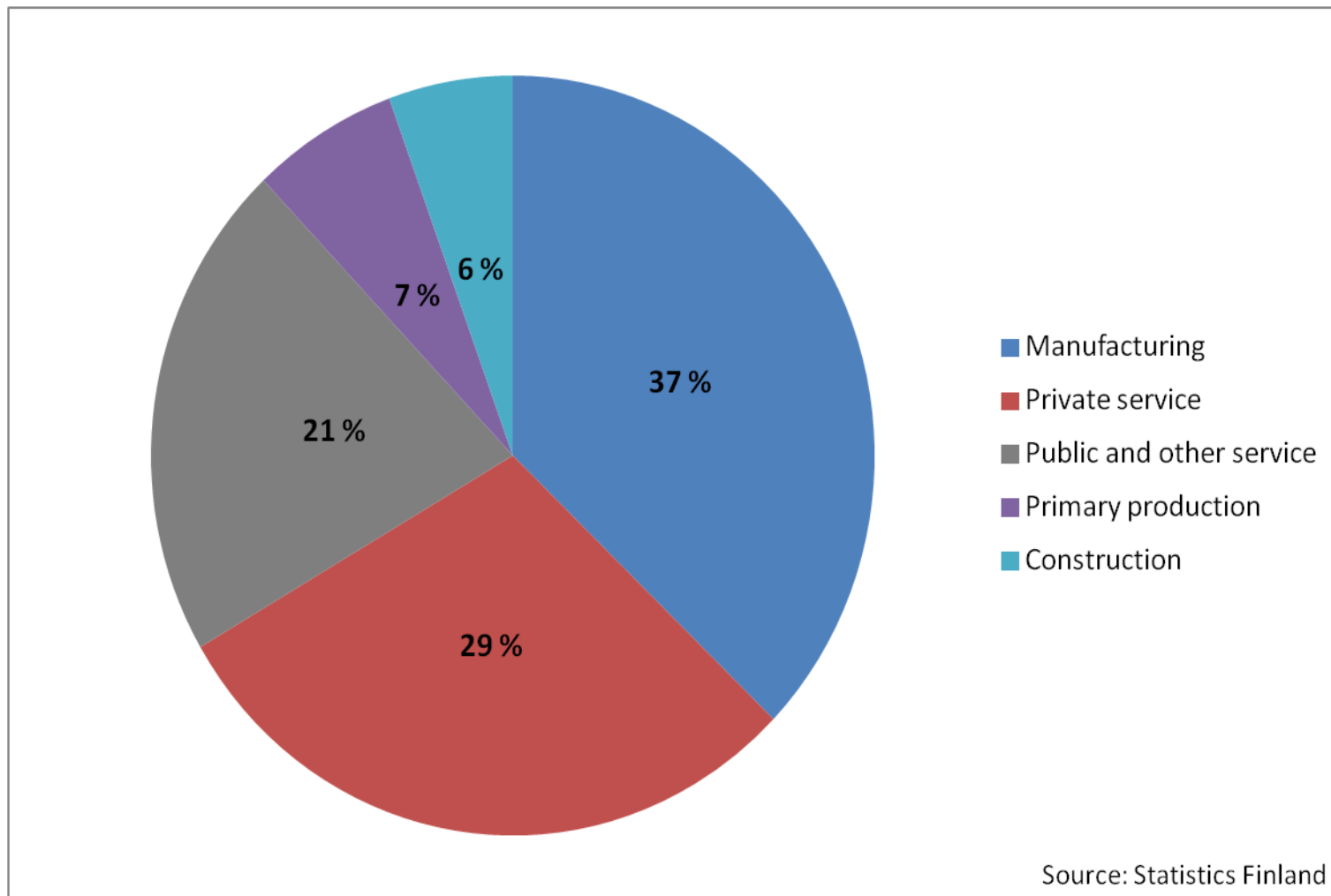
= Often subcontracting, manufacture of machinery and equipment and manufacture of electrical equipment for big global companies

This whole ensemble creates the core of the concentration of energy technology competence in the Region of Vaasa

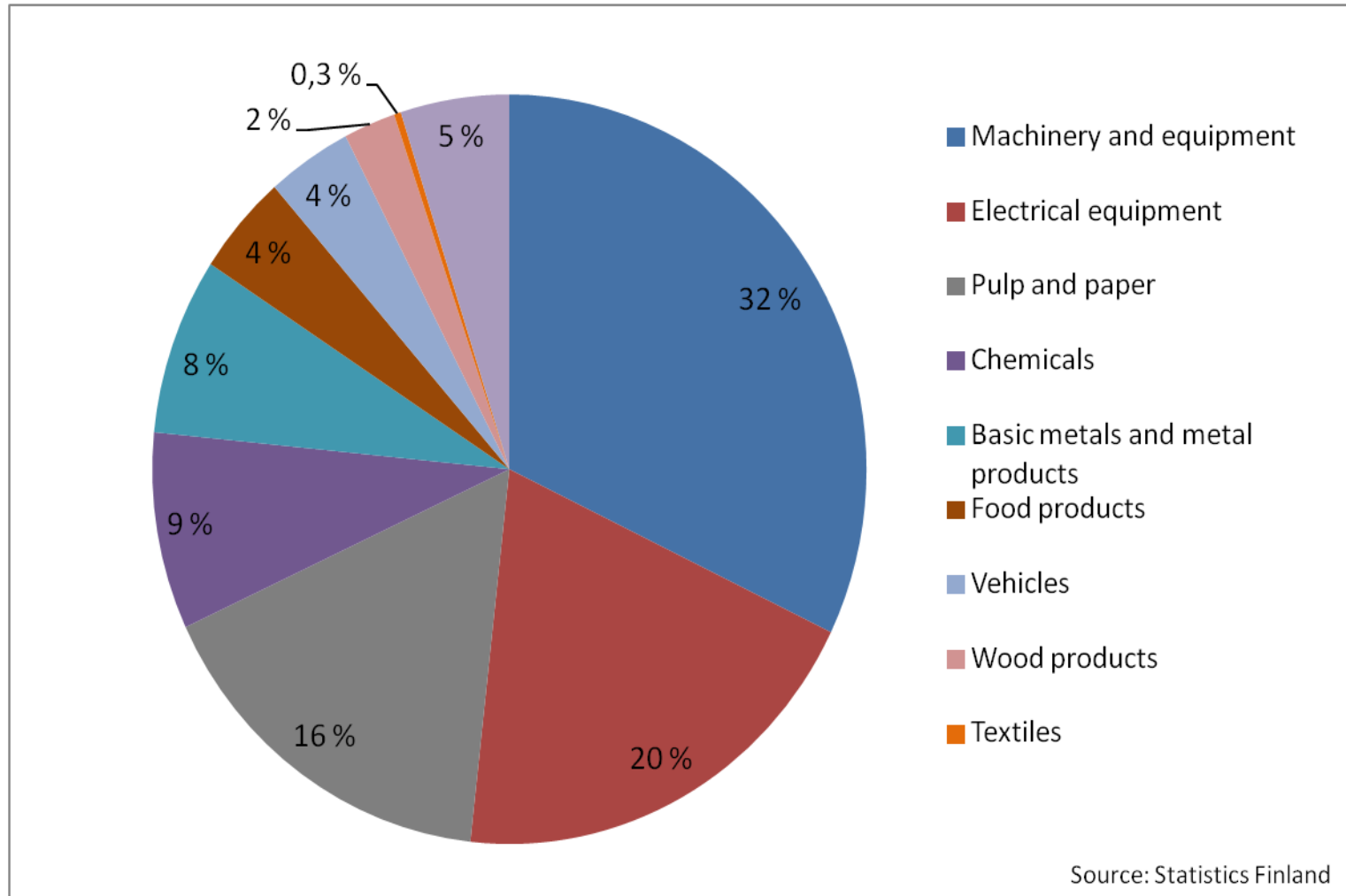
EnergyVaasa



Industrial structure in Ostrobothnia 2010, value added



Industrial structure in manufacturing in Ostrobothnia 2010, value added



ENERGYVAASA

- **co-operation, strong networks, research and education, good service and a functional infrastructure**

EnergyVaasa consists of

- businesses operating in energy technology competence
- organizations serving these businesses
- the universities and the universities of Applied Sciences in Vaasa that develop and provide competent experts for the energy business



ENERGYVAASA

The Nordic leader in energy technology

- 140 companies - several global market leading technology companies
- More than 10.000 employees - 25% of Finland's total energy-sector manpower
- Annual business turnover 4,4 billion euros
- Export rate over 70%; (= 30% of Finland's total export of energy technology)

Major energy technology companies in the Region of Vaasa:

- ABB, Wärtsilä, Citec, Vacon, VEO, The Switch, Vamp, KWH Pipe, Wapice, Mervento, EPV Energy, Westenergy, VNT Management, Leinolait Group, Mapromec, KGN Tool, Österberg Group



ENERGYVAASA

A concentration of knowledge

- **Vaasa Consortium of Higher Education** – A co-operation forum of the five universities and two universities of applied sciences in Vaasa
- **The technology campus:** technological units at the University of Vaasa, VAMK, the University of Applied Sciences, and Novia University of Applied Sciences
- The **Technobothnia** Research Centre: the common research and education laboratory for these institutions
- **Vaasa Energy Institute (VEI)**
- More than **20.000 students** in the Vaasa region
- More than **800 experts** specialized in energy related research and development
- **A wide system of other innovation organizations:**
 - e.g. Merinova Technology Centre, Vaasa region development company (VASEK), Centre for Economic Development, Transport and the Environment (ELY-center), Ostrobothnia Chamber of Commerce, Regional Council of Ostrobothnia



NOTHING IS STABLE – WE HAVE TO MOVE ON

- In spite of big potentials in the energy sector we have to develop the competitiveness of the region and operators
- Dominance of the Region of Vaasa
- Plenty of actors - a common vision and goals
- Large global companies sensitive of the fluctuations of the markets
- Most of the companies SME
- To ensure the competent labour force
- To ensure good logistics and connections

Smart specialisation strategy in Ostrobothnia helps us

- to build our innovation policy
- to set focus on main sectors and cooperation on the regional level



Thank you for your attention!

Have an energetic stay in Vaasa!

