

Environmental Goods and Services Sector in Sweden,

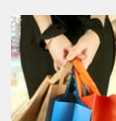
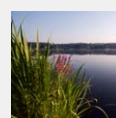


or in short:

Environmental sector

Nancy Steinbach

Environmental accounts and natural resource unit





Sweden's work in the field

- Statistics Sweden under restrictions to perform surveys...
- ...therefore, we make use of already existing registers and data (resource demanding..)
- Database since 2000, now with 15 000 establishments.
- Publish on website.
- Large clients: Ministries and regional actors.





Defining the scope

- According to OECD/Eurostat:
"Environmental goods and services industry consists of **activities to measure, prevent, limit, minimise or correct environmental damage to water, air and soil**, as well as problems related to **waste, noise and ecosystems**. This includes cleaner technologies, products and services that reduce environmental pollution and resource use





Environmental domains

- **Environmental protection**
 - Pollution treatment and pollution prevention
 - ...such as protection of air, soil and water, waste and wastewater management, monitoring, control, R&D
- **Resource management**
 - Technologies for an efficient and sustainable use of natural resources
 - ...such as renewable energy; heat/energy saving and management; sustainable agriculture/ forestry/fishery; recycled materials

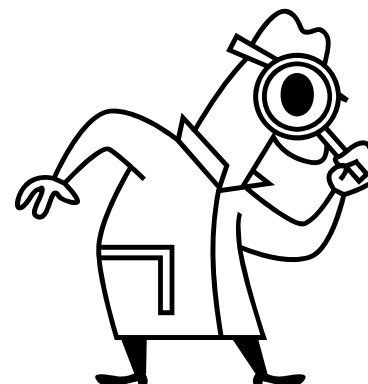




Compiling a register

Step 1:

- Business Register (NACE code)
- Different registers over companies
- Organisations collecting one type of companies (member catalogues)
- Energy statistics
- Searching the web.....





Compiling a register continued

Step 2 and 3:

Once the population is in place....

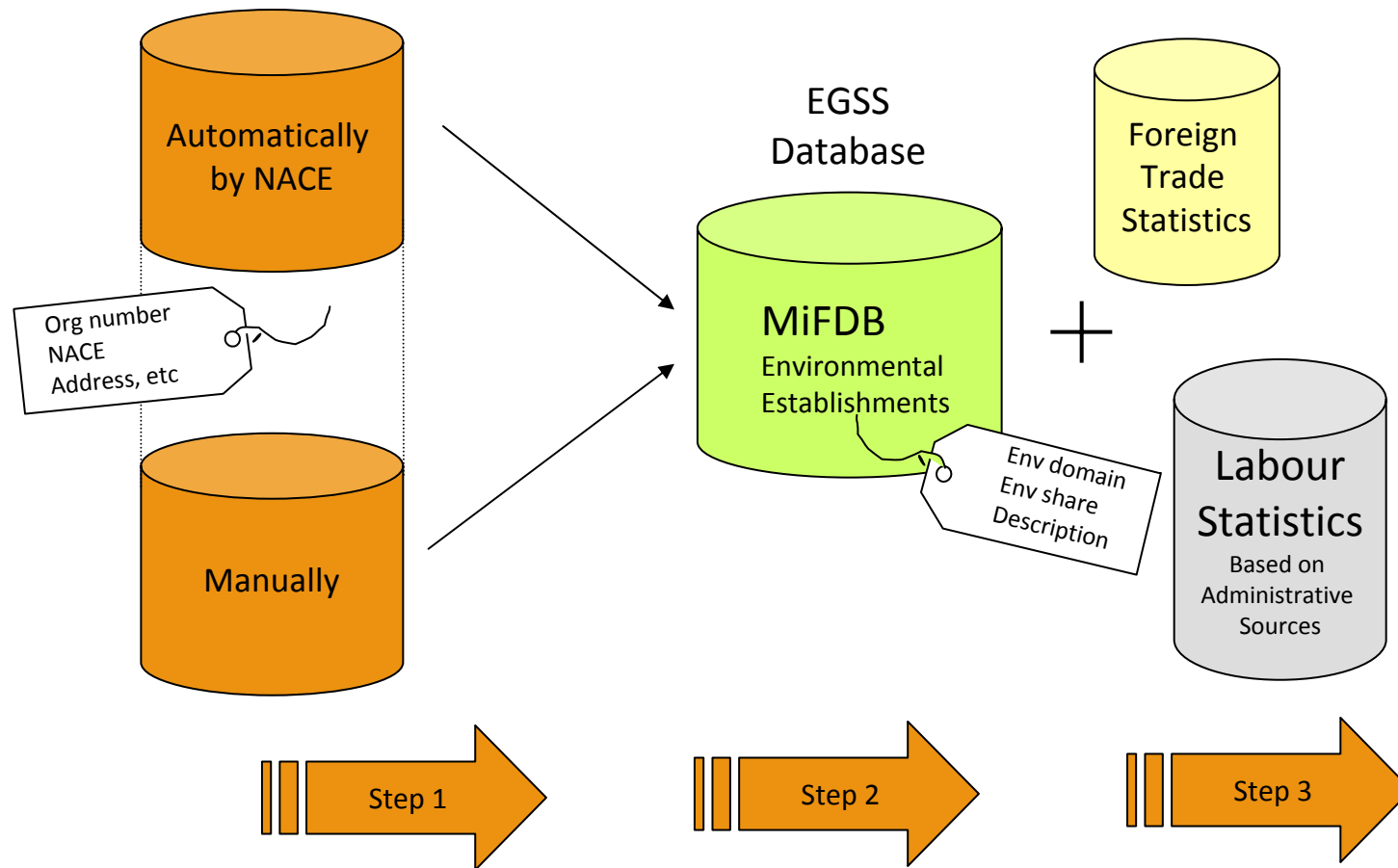
- Own variables are “Environmental domain” and “Share of environmental activity”
- Link to other registers:
 - Labour statistics
 - Foreign trade statistics
 - VAT-register
 - registers on educational levels
 - etc, etc





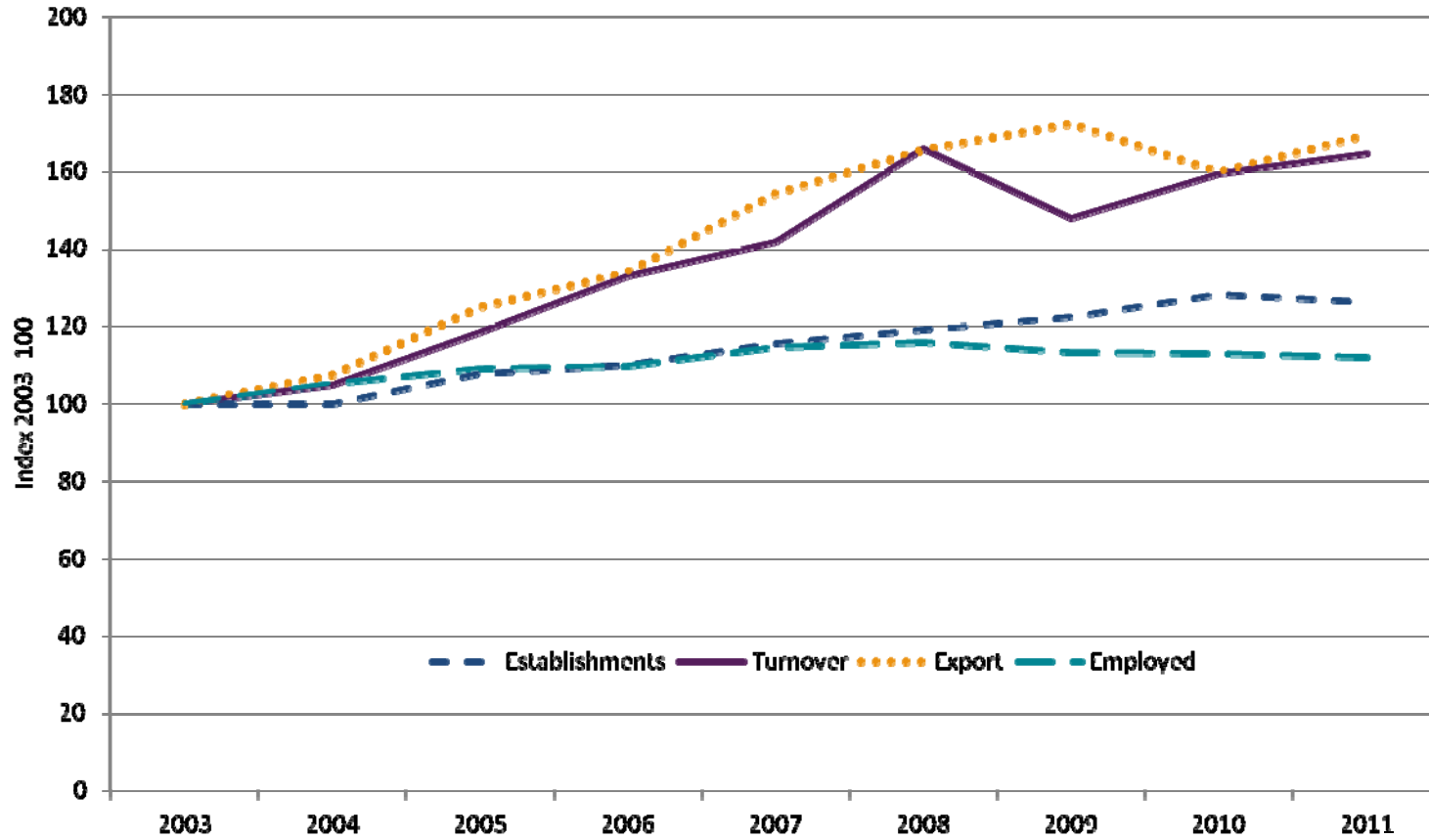
Data sources combined

Statistiska centralbyrån Statistics Sweden





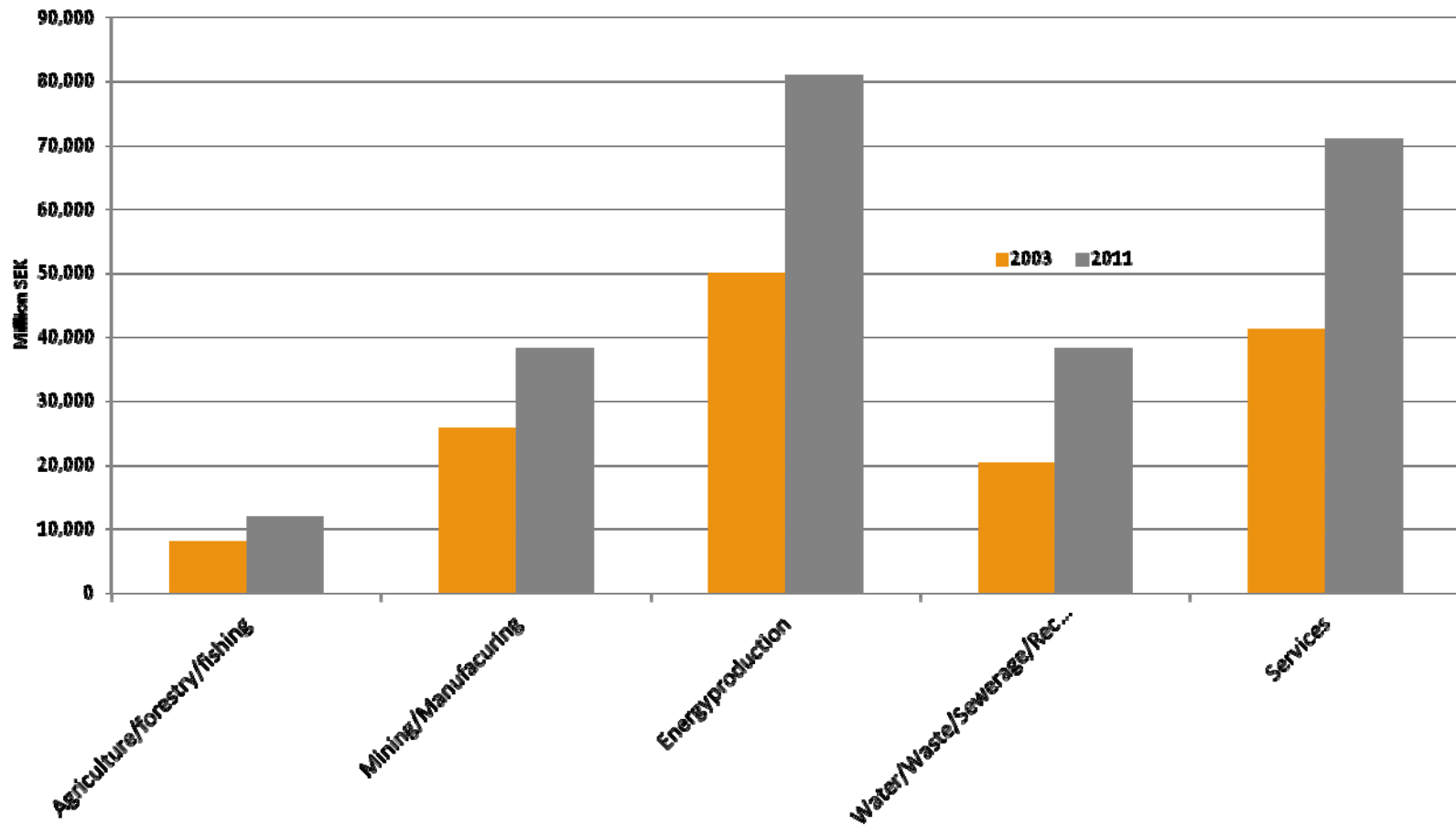
Employment, Turnover, Export and Employment in Sweden for EGSS





Which economic activities do the EGSS belong to?

Statistiska centralbyrån Statistics Sweden



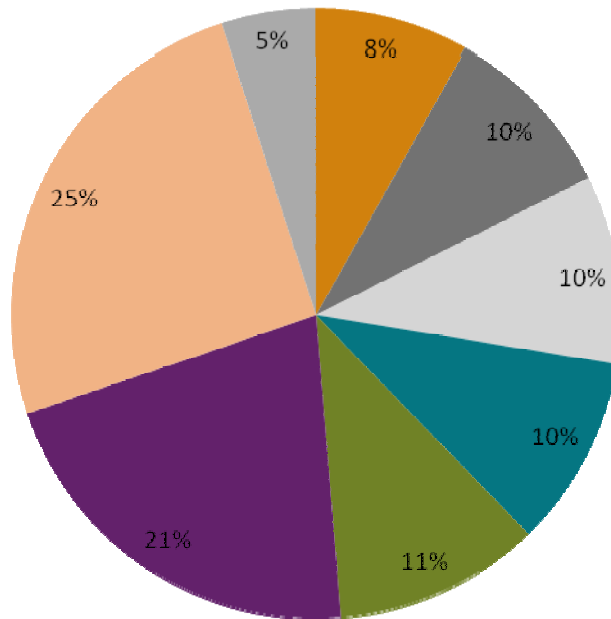
Turnover, Million SEK



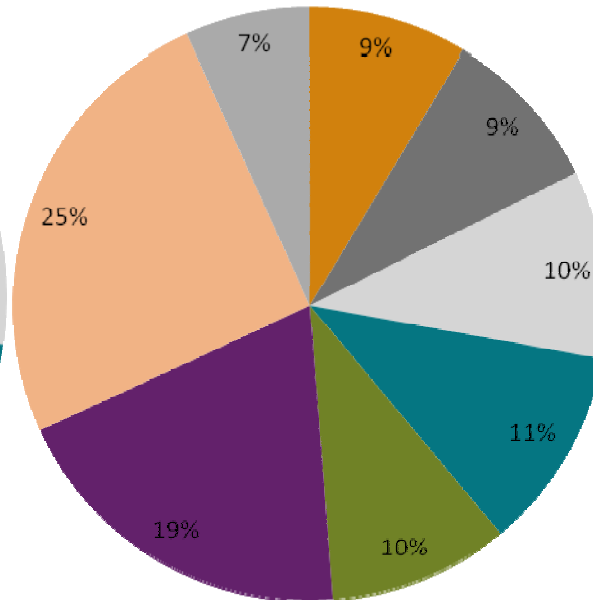
What activities do they cover?

Statistiska centralbyrån
Statistics Sweden

Employed 2003



Employed 2011



- Heat/energy saving
- Education, research and monitoring
- Environmental consultants
- Recycled materials
- Wastewater management
- Renewable energy
- Waste management
- Sustainable agriculture/forestry/fishery

Total EGSS employed in 2003: 61 thousand people

Total EGSS employed in 2011: 68 thousand people

About 1,4% of total employed persons in Sweden work in EGSS in 2011

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Remaining 4% missing above cover air pollution control, noise and vibration, eco tourism and other natural resource management



Issues we work on

Quality assurance important, this cover:

- Improve the structure and guidance on how to calculate the EGSS share of a specific LKAU
- Improve the evaluation routine of existing register, such as: should the share stay fixed over a number of years and should the LKAU registered stay indefinitely in the register?
- Improve the routine for searching new LKAU, by e.g. improving the extraction application currently in place
- Move towards official statistics
- Publish the results in accordance to what has been delivered to Eurostat
- Develop the part related to environmental technology (Green tech)





Statistiska centralbyrån

Statistics Sweden

Thank you for your attention!

