



Types of data, statistical measures and indicators of green jobs to be produced



What do we want to know?



Who, what, when, where and how many?

- Employment by economic activity
- Employment by occupation
- Employment by environmental domain
- Type of green technologies used by economic activity
- Percentage of companies using green technologies
- Employment by sex, region
- Wages and hours worked

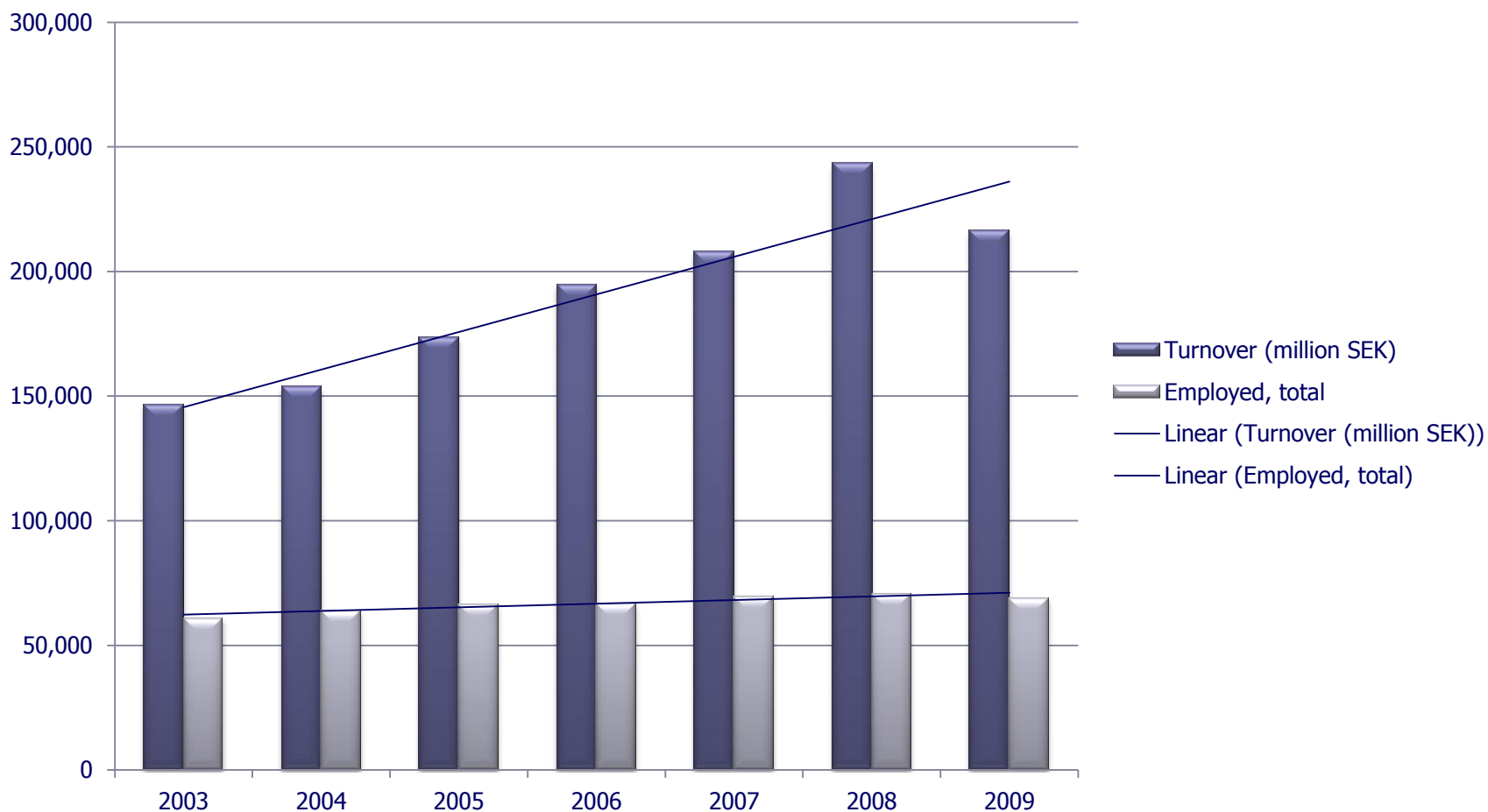


Employment in environmental activities



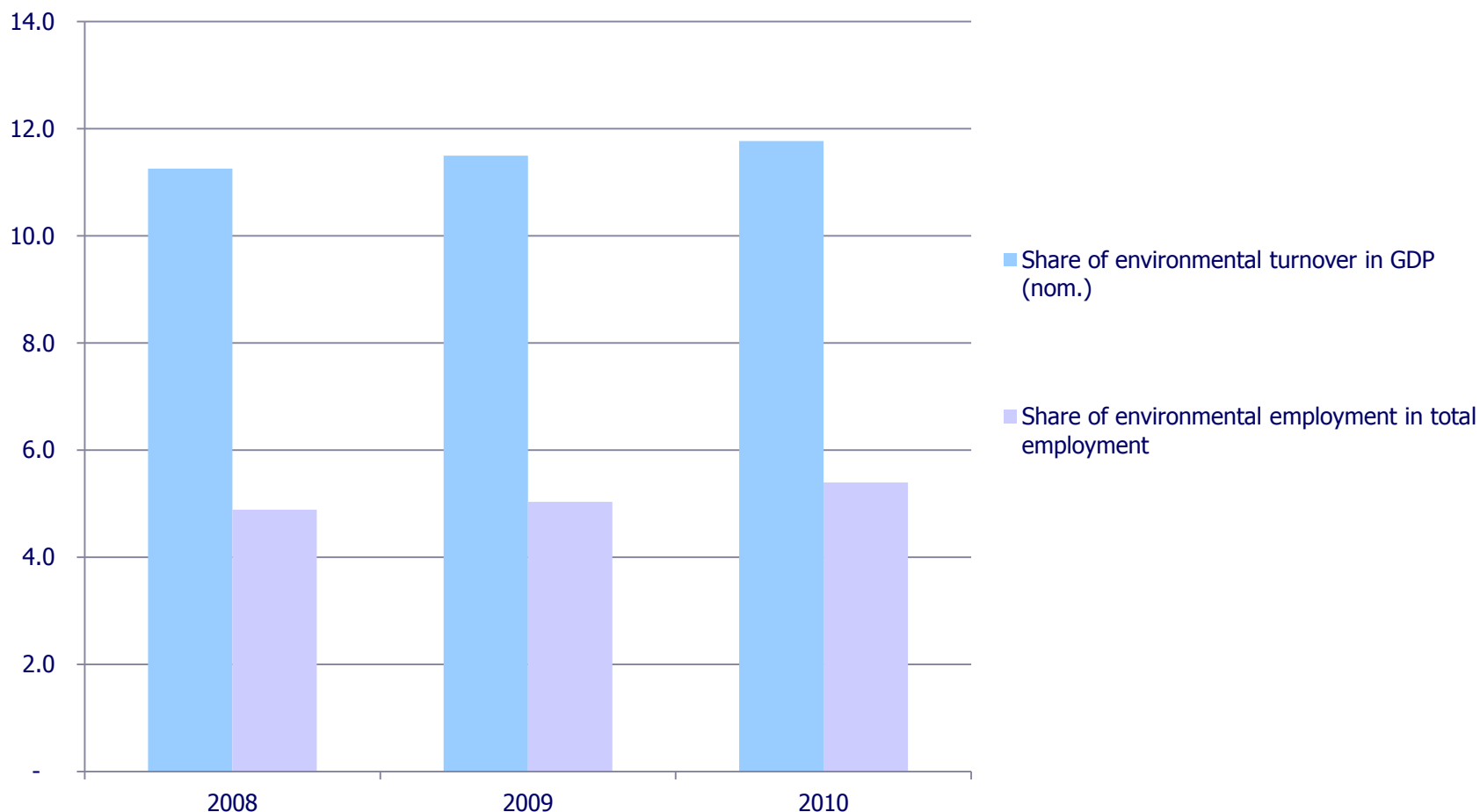
- Total and by economic activity
 - expressed in absolute numbers and as a percentage of total employment
 - potential headline indicator of progress towards a green economy.
 - separate data for employment in production of environmental outputs and for employment in environmental processes
 - focus on the core of key green industries that characterise a green economy
 - disaggregation of data by economic activity will facilitate both identification of core industries and monitoring of progress in other industries.

EGSS Employment and turnover, Sweden 2003-2009





Share of environmental turnover and environmental employment in total turnover and in total employment, Austria, 2008-2010





Employment by occupation



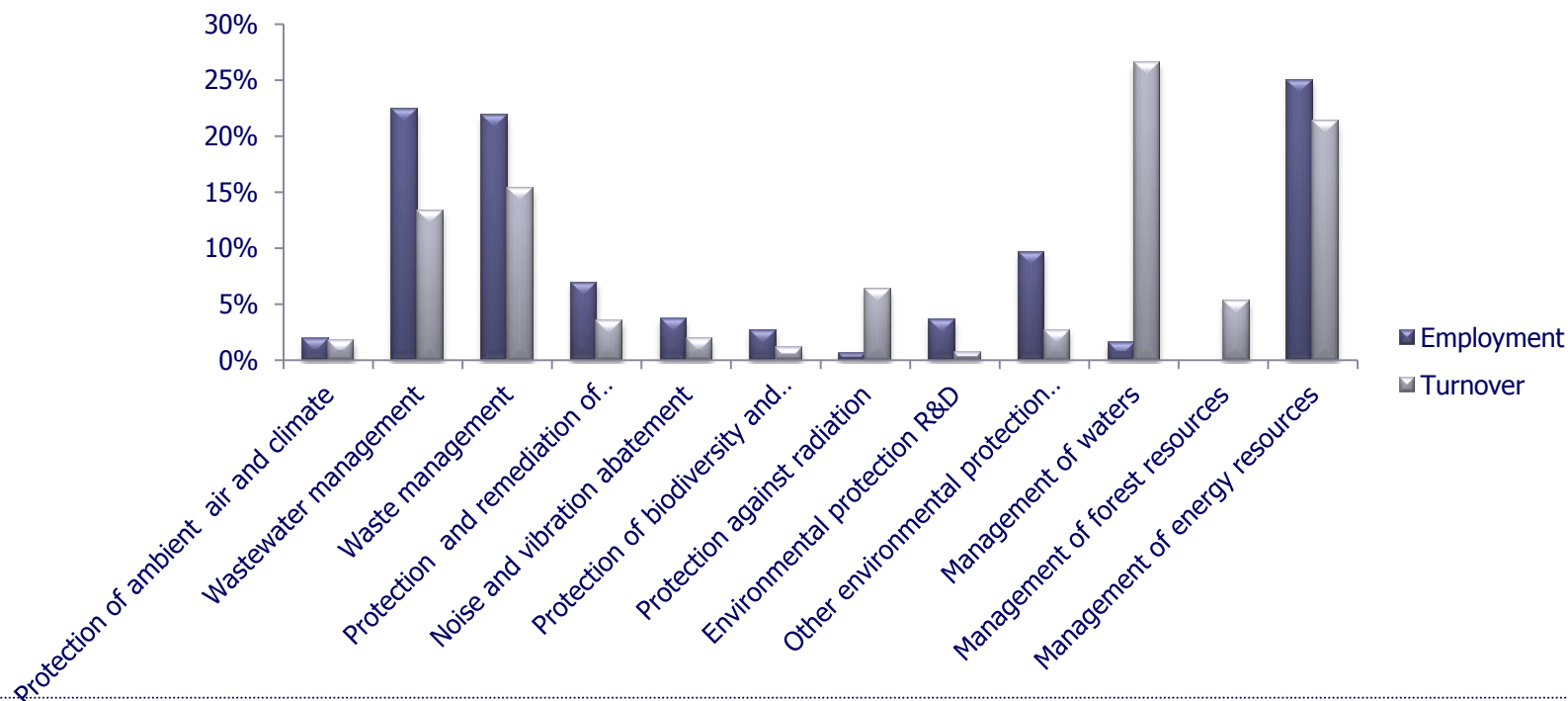
- Employment in the environmental goods and services sector classified by occupation.
 - Assessment of skill requirements for employees in terms of skill levels, levels of education and specialized skills required.
 - Requires relatively detailed occupational data
- Identification of occupations in demand in transition to a green economy
- Potential to identify environmental initiatives that offer employment opportunities for less skilled workers

Employment by environmental domain



Breaking down employment and turnover (or output) data by the environmental domains specified in the SEEA will allow identification of the types of environmental initiatives that are likely to lead to the creation of more jobs, and to assess relative levels of labour productivity

Environmental employment and environmental turnover by environmental domain, France 2009





Employment by sex



Statistics

- A complementary analysis disaggregated by sex is essential to allow understanding the gender patterns of employment in the environmental goods and services sector employment
- Differential impact on males and females of particular environmental initiatives



- **Employment by type of green technology used (total and by economic activity)**
 - Statistics on the employment impacts of how companies re-structure their organisation and production processes and of the technologies that are used to reduce environmental impact of the production will provide important inputs to labour market planning, and understanding of which technologies are likely to create employment opportunities.
 - Disaggregation by economic activity to evaluate how local labour markets are making the transition to greener activities.
- **Percentage of establishments using green technologies**
 - Statistics on the percentage of establishments using green technologies (total and by economic activity) would allow assessment of the general progress made towards a greener economy.



Wages and hours of work



- Data on wages and hours of work in employment in environmental activities
- Insights into quality of employment in the environmental goods and services sector