



JRC Information Day

2007-11-08

**Prof. Per Eriksson
Director General VINNOVA
Swedish Governmental Agency for Innovation Systems**

Knowledge Based Economy and Global Competitiveness

- **The economy is becoming more and more knowledge based, global and competitive**
- **R&D becomes very important, but R&D has to be strongly linked to business needs, needs-driven R&D**
- **An effective Innovation system that brings competitive new products, services and processes to the market**
- **International cooperation in R&D and Innovation**

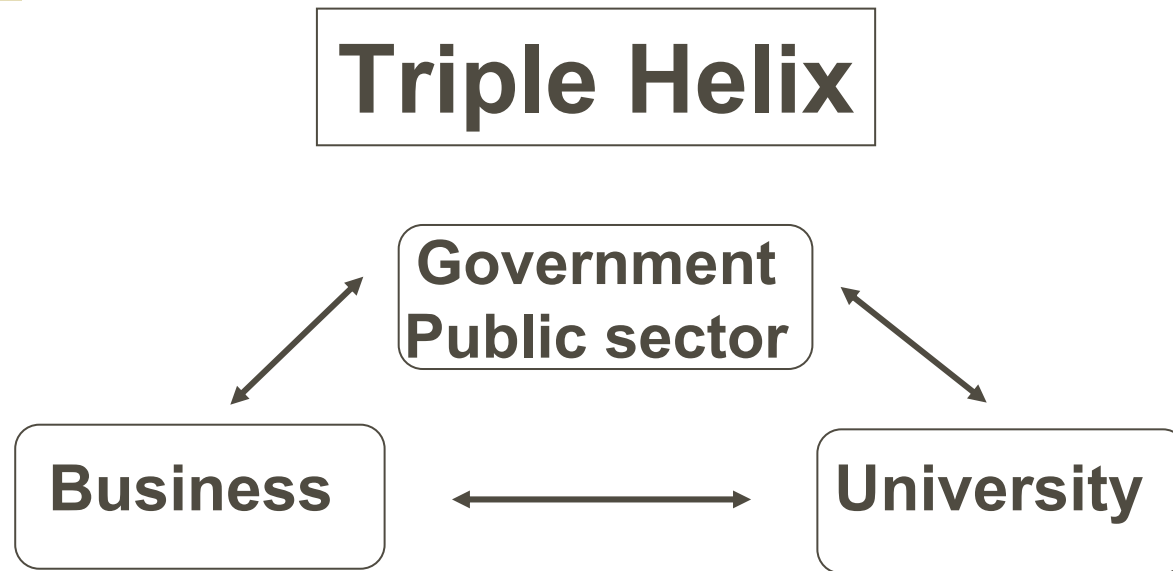


Globalization for the Triple Helix Groups of Actors

Business – includes now also SMEs

**Academia – needs strong Research &
Innovation Milieus**

**Politics and policy meets global
competitiveness**



Depending Actor Groups

Knowledge based economy

**From PPP, Public Private Partnership,
To Public Private Univ. Partnership,
i.e. Triple Helix**



Mission for VINNOVA

**Promote sustainable growth
by financing needs-driven R&D
and developing effective
innovation systems**

Budget: 200 M US€ per year

- Big international companies dominates the R&D-system
- SME invest very little in R&D
- Universities dominates the public R&D-system and they have a third task, to cooperate with companies and society
- Small sector of Research-institutes
- Government invests very little R&D-money in companies outside the military sector, more market pull is needed



Research and Innovation

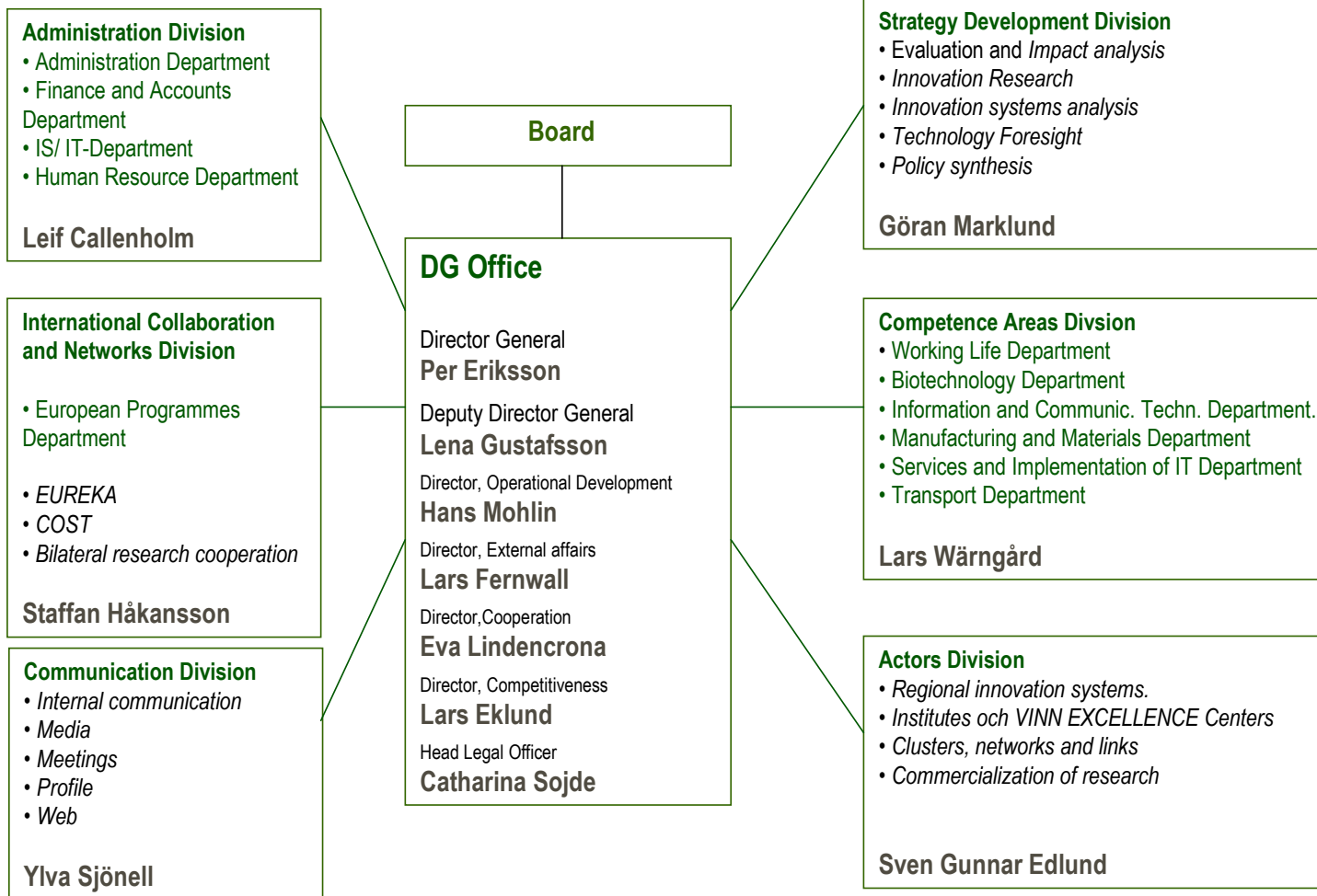
Research: Money transformation to
Knowledge & Competence

Innovation: Knowledge & Competence
transformation to Money

Developing innovation system is to make above efficient, i.e. to make investment in R&D profitable. Identify bottlenecks and possibilities.



VINNOVA's Organisation





Globalization for three competing continents

Asia – focus on products

America – focus on business

Europe – focus on planning and support agriculture



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