

Partnership of Local Authorities with Universities and Industry

**European Day of the
Entrepreneur**

Sofia, 30 October 2008

Background

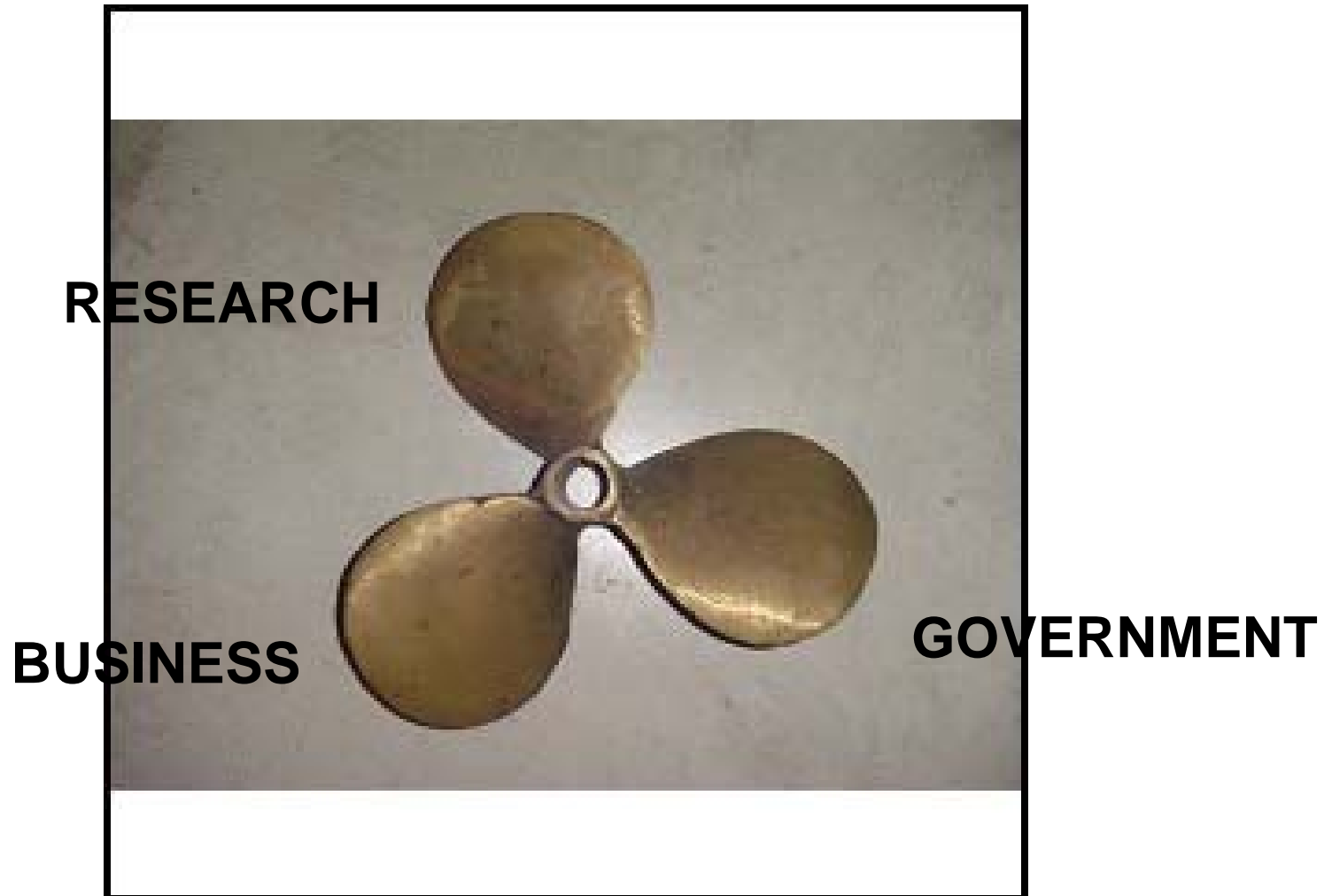
- The OMC-NET Programme
 - BIS-RTD, Building and Improving Support for RTD Policy and Public Spending
 - www.bis-rtd.net
 - R4R, Regions for Research
 - www.regions4research.eu
 - 17 regions from 13 countries

A helix



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The Triple Helix



Triple Helix – The Players

- **Research.** Centers and Universities ready to exploit their knowledge and adjust to society needs
- **Business.** Entrepreneurs, managers and investors recognizing the value of knowledge and accepting the risk of waiting for a return
- **Government.** Legislators, politicians and local authorities that promote and create the right environment and allocate the resources needed

Triple Helix - Implementations

- A widely used model across EU to promote R+d+i, but different origins, approaches and objectives
 - Promoting innovation in rural areas
 - Urban renewal
 - Creation of new suburban structure
 - Promotion of regional R+D+i systems

Triple Helix – Some barriers

- Lack of strategic planning from public authorities
- Funding problems
- Difficult relationship between academia and business
- Lack of human capital and networking culture in SMEs
- Communication, awareness creation about the importance of R+D+i

A few EU Best Practices

- 22@Barcelona.
- Lindholmen Science Park
- Emilia-Romagna R+D+i framework
- EPANET

22@Barcelona

- www.22barcelona.com
- The conversion of a 200-hectare derelict industrial urban area into an innovation district
- Run by a Municipal Company
- 4 strategic clusters: ICT, Media, Medical Technology and Energy
- >1000 companies (37% R+D, 47%new)
- Research centres and departments from the local Universities

22@Barcelona



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Lindholmen Science Park

- www.lindholmen.se
- New city district in Göteborg
- Run by a triple-helix company
- >16.000 workers and students
- Intelligent transport, Mobile Internet, Media, Design
- Open Arena: a physical environment where triple helix projects are developed to foster triple helix cooperation within the Park

Lindholmen Science Park Ltd

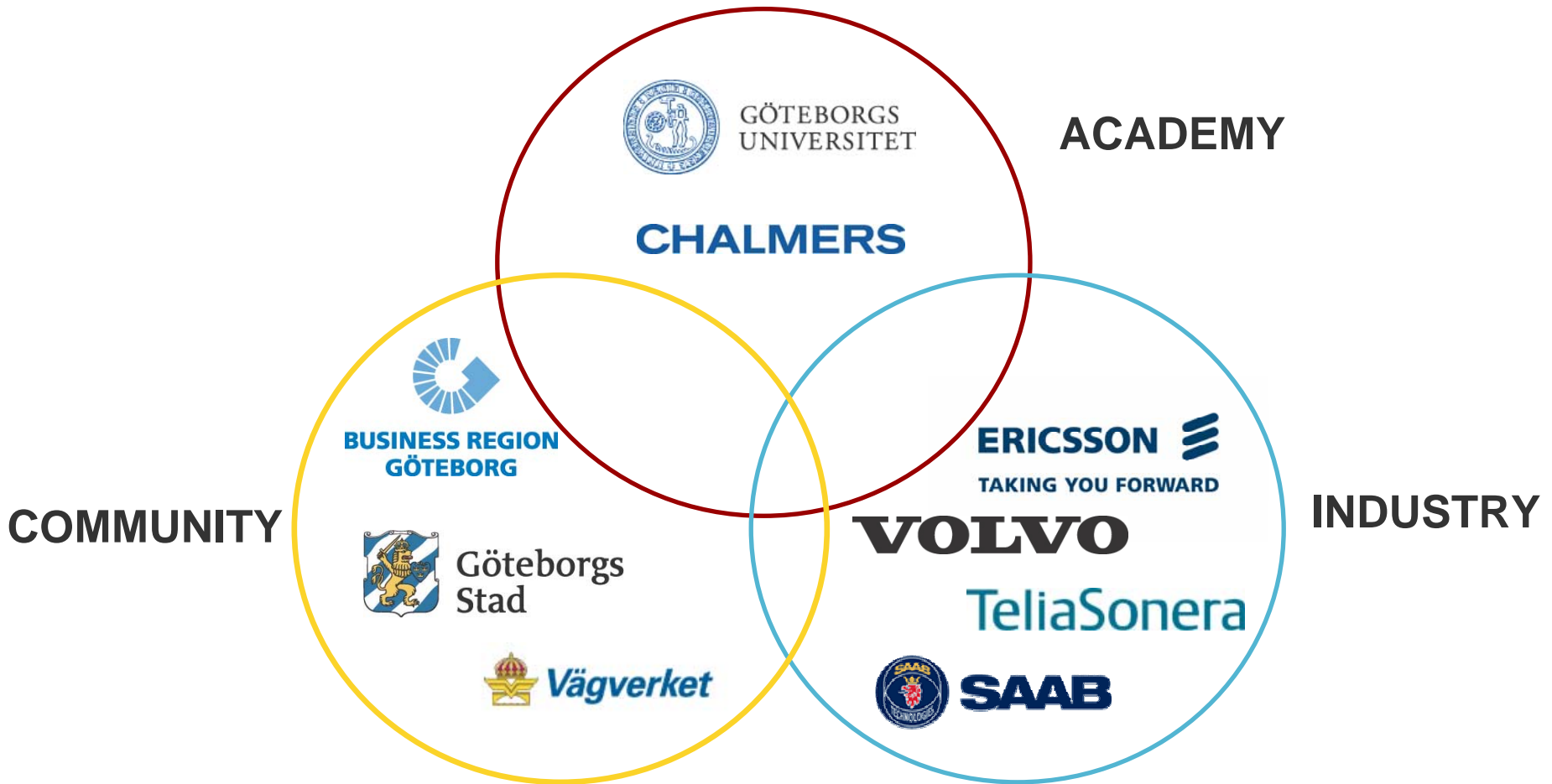




Foto: Flygare Palmnäs



Emilia-Romagna R+D+i Framework

- www.aster.it
- First, the legislation: Law 7/02 on *Promotion of the Regional system of Industrial research, Innovation and Technological Transfer activities*
- Then, the structure: ASTER, Emilia-Romagna Technological Development Agency. Partners:
 - Regional Authority
 - Universities and Research Centres
 - Business Associations

Emilia-Romagna R+D+i Framework

- Finally, the projects and initiatives.
Examples:
 - HI-MECH. The technology district for advanced research in Mechanics
 - SPINNER. The use of European Social Fund money to promote innovative SMEs
 - Other areas: ICT, Environment, Energy, Health

EPANET

- www.epky.fi
- The South Ostrobothnian University Network
- A Programme agreement signed by the six regional universities and the local and regional authorities
- Main fields of research: ICT, Economics and Business Administration, Food Industry, Regions and Welfare

EPANET

- The Network works with the local industry in mind
- New professorships are created answering to practical demands of local SMEs
- Besides institutional funding, the Network is supported by funds from the companies, in exchange for their services

Thank you for your attention!

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