

# **VOLVO**

## **School and Business Collaboration**

Nicholas Tengelin

25 October 2008

# Outline

## Volvo Group

### Statistics and Research

### European Round Table of Industrialists

- Businesses' role in the education system
- Examples of good practice
- How to move Europe forward

### AB Volvo's Efforts in France and Sweden

# Volvo Group

Volvo Group is one of the world's leading suppliers of transport solutions for commercial use.

We also provide complete solutions for financing and service.



**AB Volvo**

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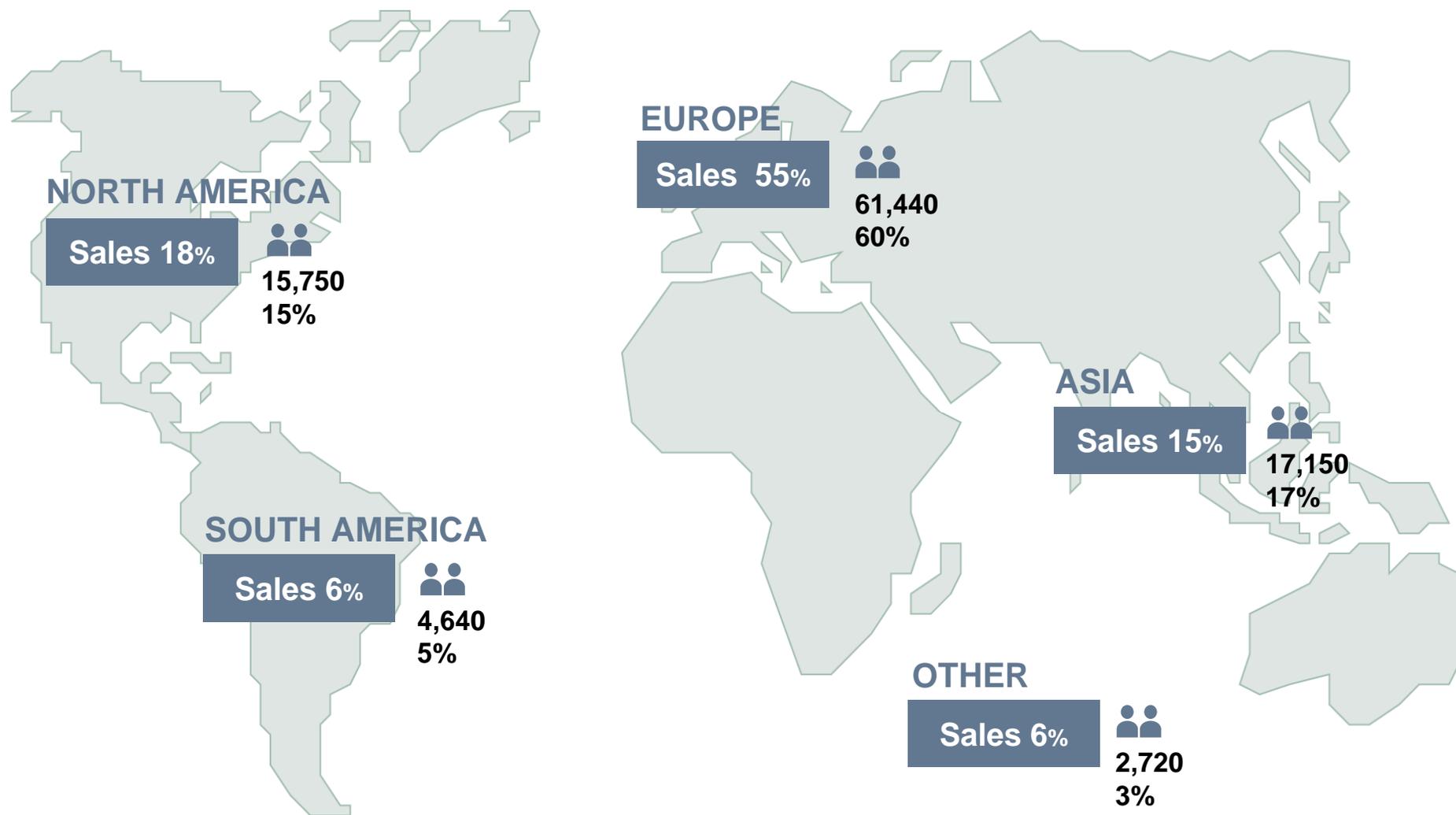
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# Business Areas



# Sales and Employees Worldwide 2007



**AB Volvo**

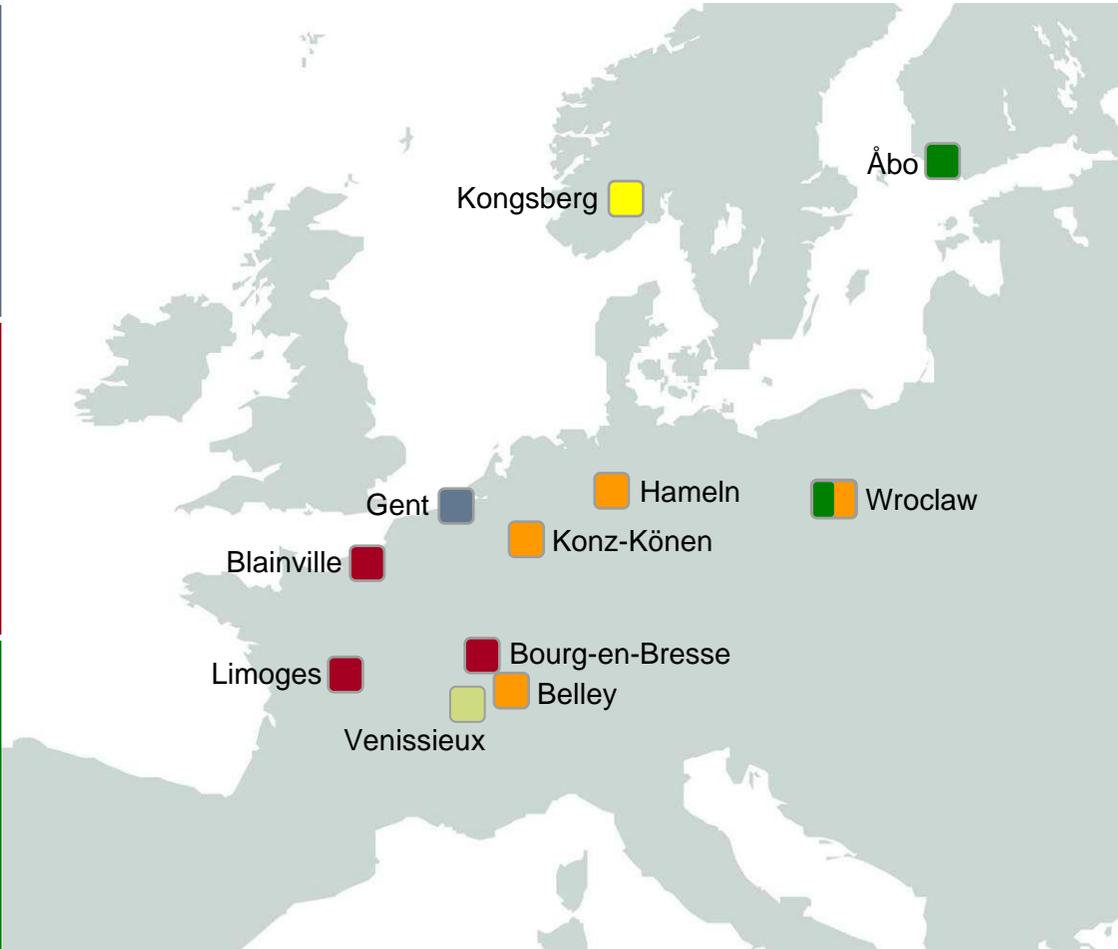
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# Production in Europe

Excl. Sweden



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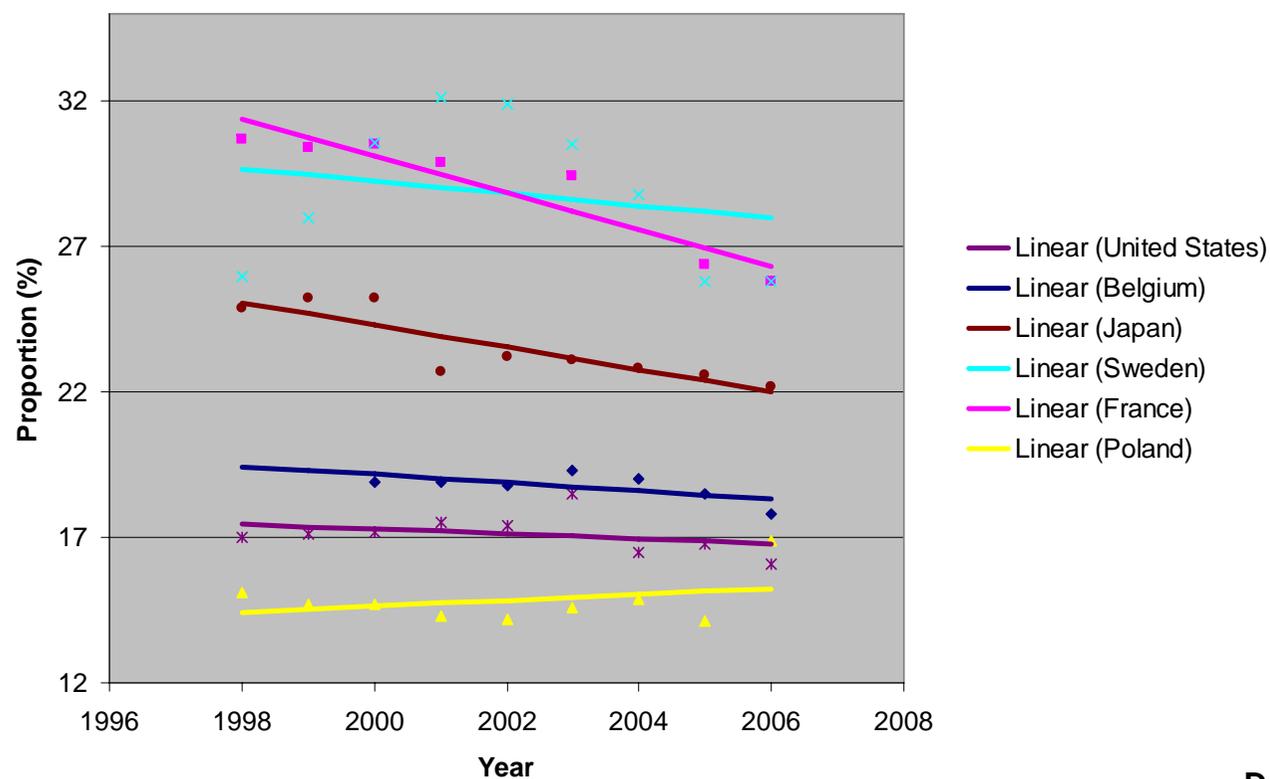
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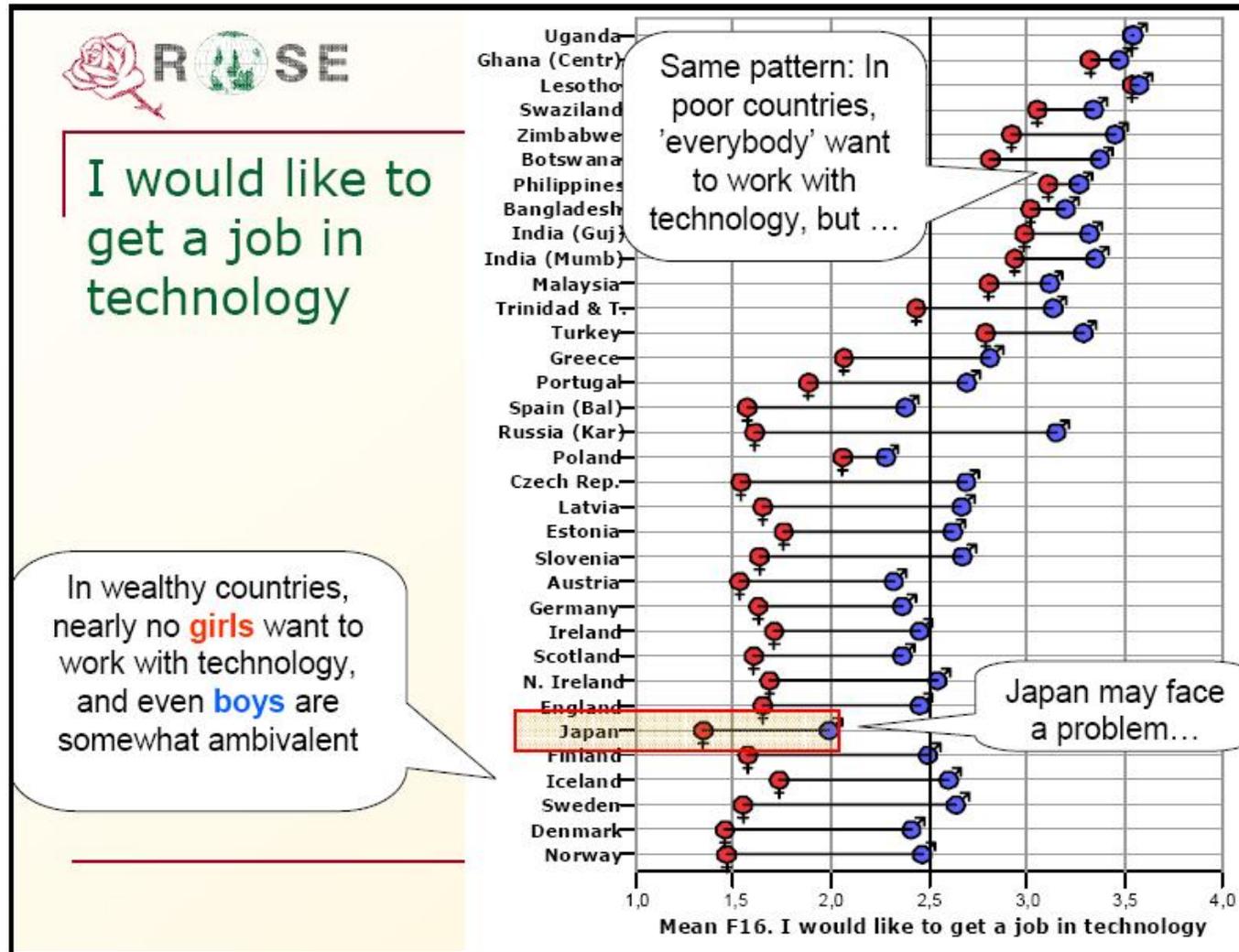
# University graduates in selected countries

Proportion of graduates from higher education in mathematics, science and technology in selected countries



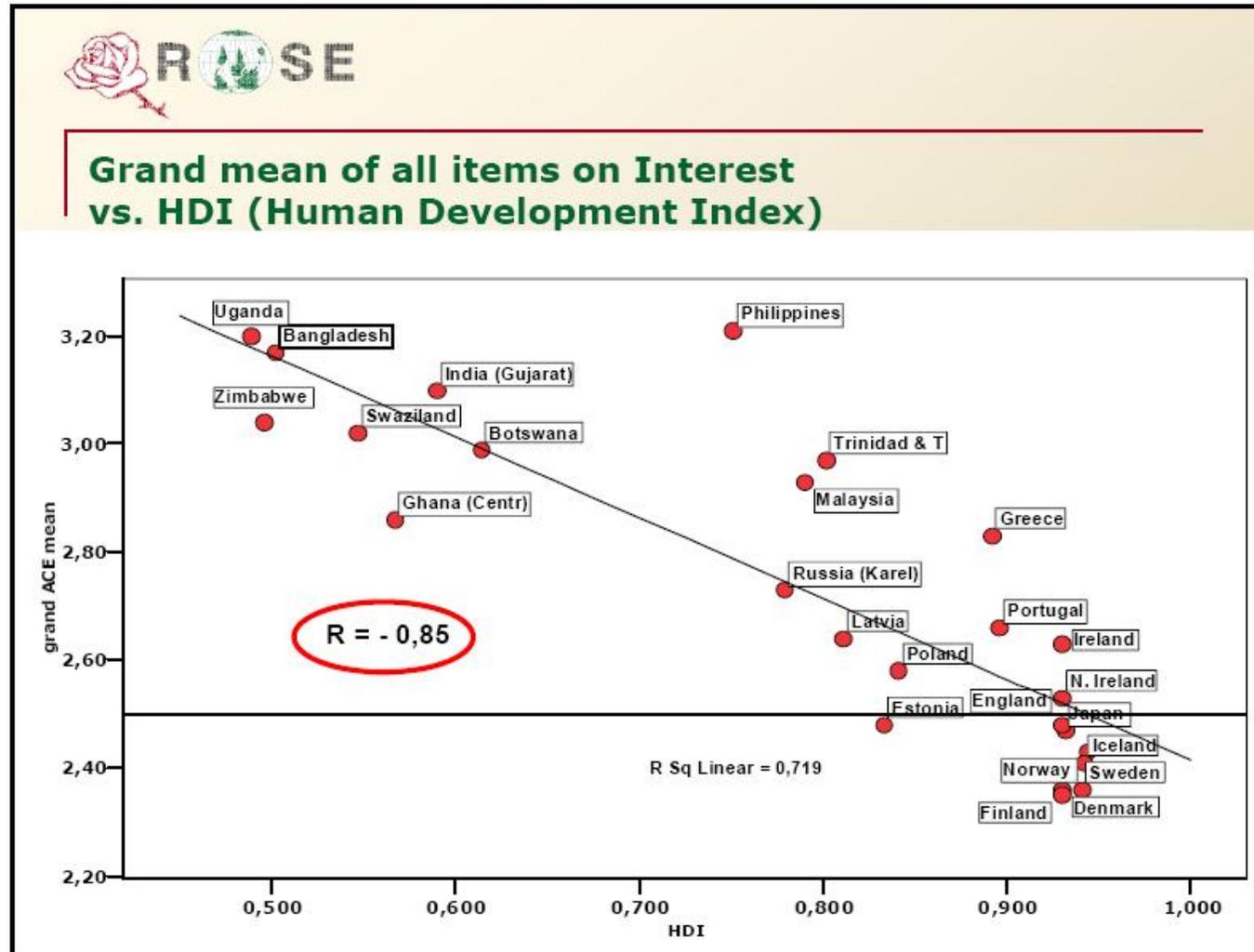
Data: Eurostat 2008

# Attitudes



Source:  
Relevance of Science  
Education (ROSE), 2007

# Attitudes



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# European Round Table of Industrialists



## **Members**

45 CEOs or Board Chairmen of global industries with European parentage

Their companies have a combined turnover of €1'600 billion annually and employ 4.5 million people worldwide

## **Working Group: "Societal Changes"**

Chairman is Leif Johansson, CEO Volvo Group

School/Industry Collaboration, Immigration and Demography

[www.ert.eu](http://www.ert.eu)



# Inspiring the Next Generation

Leif Johansson  
President AB Volvo & CEO Volvo Group  
2nd October 2008



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## Europe will face large scale competence disparities in the MST area

European stakeholders need to coordinate efforts

- Declining student proportion
- Stabilisation of access to tertiary education
- Unfavourable demographic trends
- Negative attitudes



# ERT believes business has an increasingly important role to play

**Schools and businesses need to work together**



## **Students**

- Meaningful life and career contexts
- Role models

## **Teachers**

- Information on MST careers

# Schools and businesses need support to succeed in working together

Build on what already exists



- Improve coordination, evaluation and use of research and empirical results
- Create support infrastructures like Jet-Net in every European country
- Create a European coordinating body

## AstraZeneca and Volvo have taken the lead in Sweden

### National infrastructure

- Hosted by the Association of Swedish Engineering Industries



### Gothenburg pilot scheme

- 10 local schools
- 5 companies
- local government

# President Barroso's comment

*“Your analysis on the need to promote MST in our schools and universities is spot-on. And so is your solution. The European Commission has been calling for more partnership between education and business for some time. Together let us show the way ahead.”*



# ERT Chairman Ollila's comment

The event confirmed ERT's belief that existing and future collaboration needs to be better coordinated in order to leverage full potential and inspire future generations of MST students.

*“We believe that this event has provided us with a mandate to take immediate steps in this direction”.*



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**AB Volvo's Efforts in France & Sweden**

# Strategy: Systematic collaboration between schools and industry

## Focus on the right activities

- Activities followed up and shown to be resource effective
- Rationale, role models and knowledge of working life

## Coordinated pluralism

- Unique sub solutions for unique situations

## Formalise relationships

- Schools needs matched against industry's resources
- Local clusters across France and Sweden

## Build on what already exists

# Targets

1

## **Rationale**

Set student's mathematics, science and technology education in meaningful life and career contexts

2

## **Role Models**

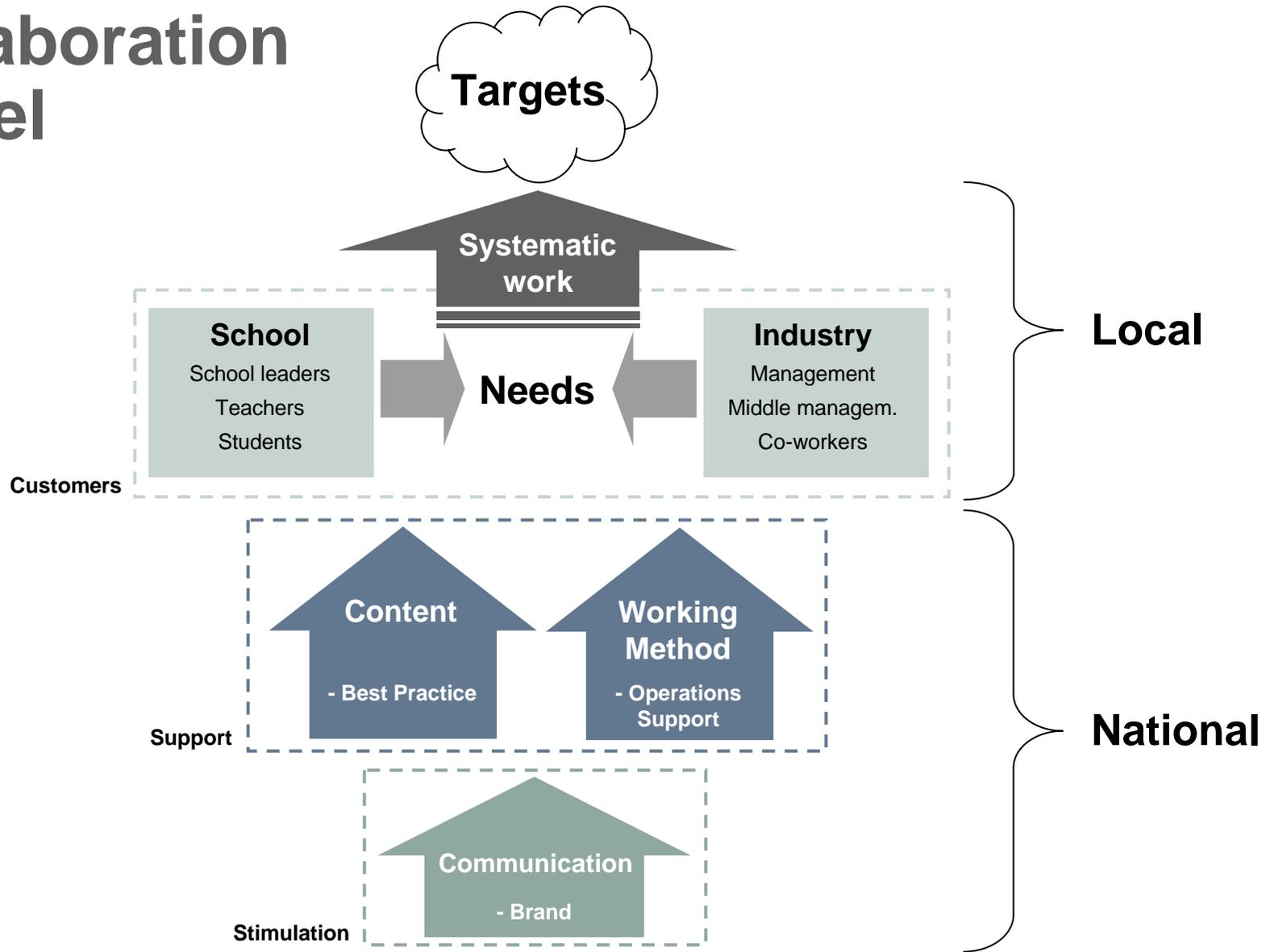
Provide students with access to role models

3

## **Knowledge of working life**

Provide teachers, careers officers and school leaders with information on how MST is used in enterprise and industry

# Collaboration Model



# Thank you!

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