



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.



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Business Areas

Volvo Trucks



Renault Trucks



Mack Trucks



Nissan Diesel



Buses



Construction Equipment



Volvo Penta



Volvo Aero



Financial Services



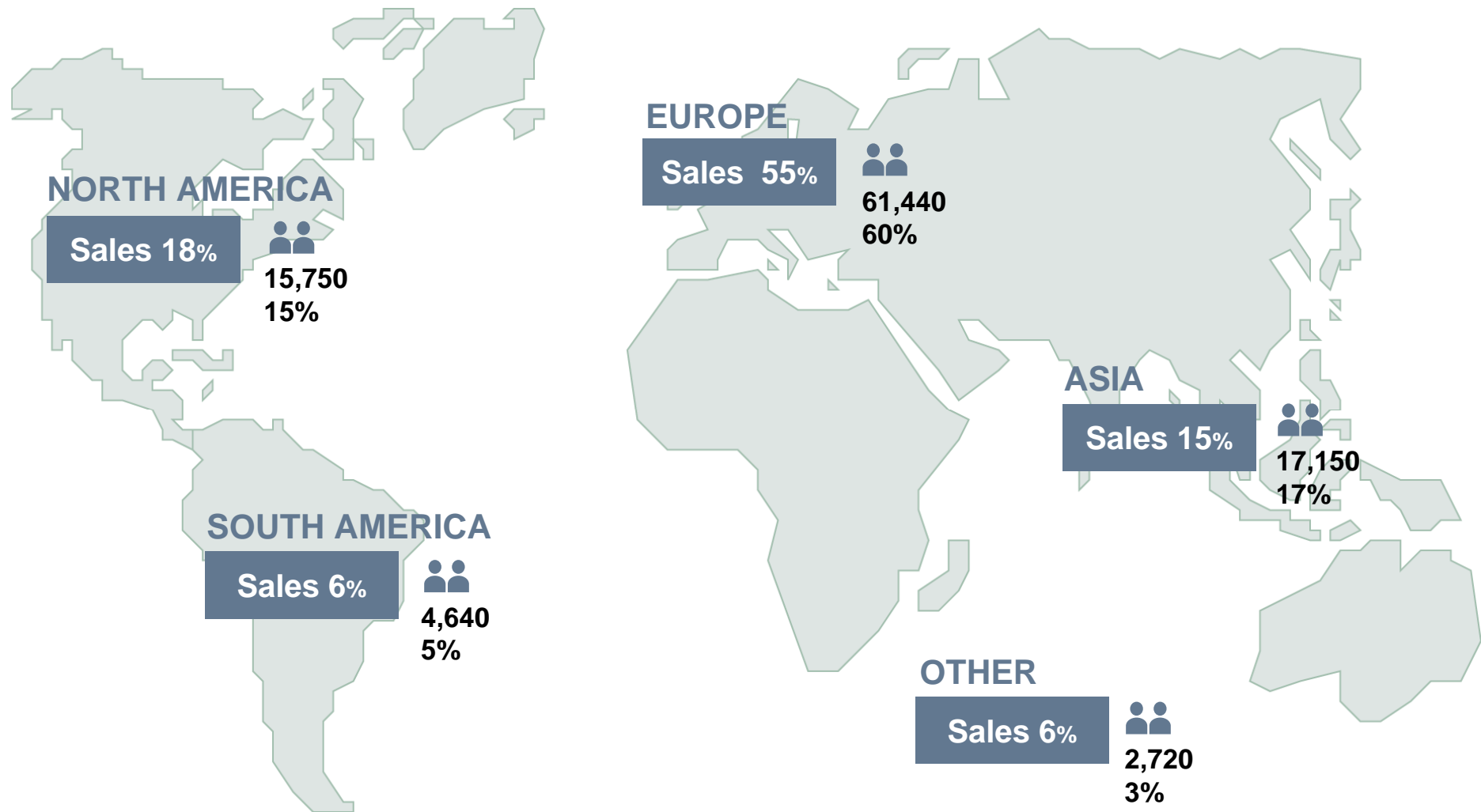
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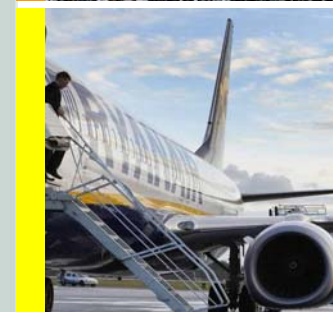
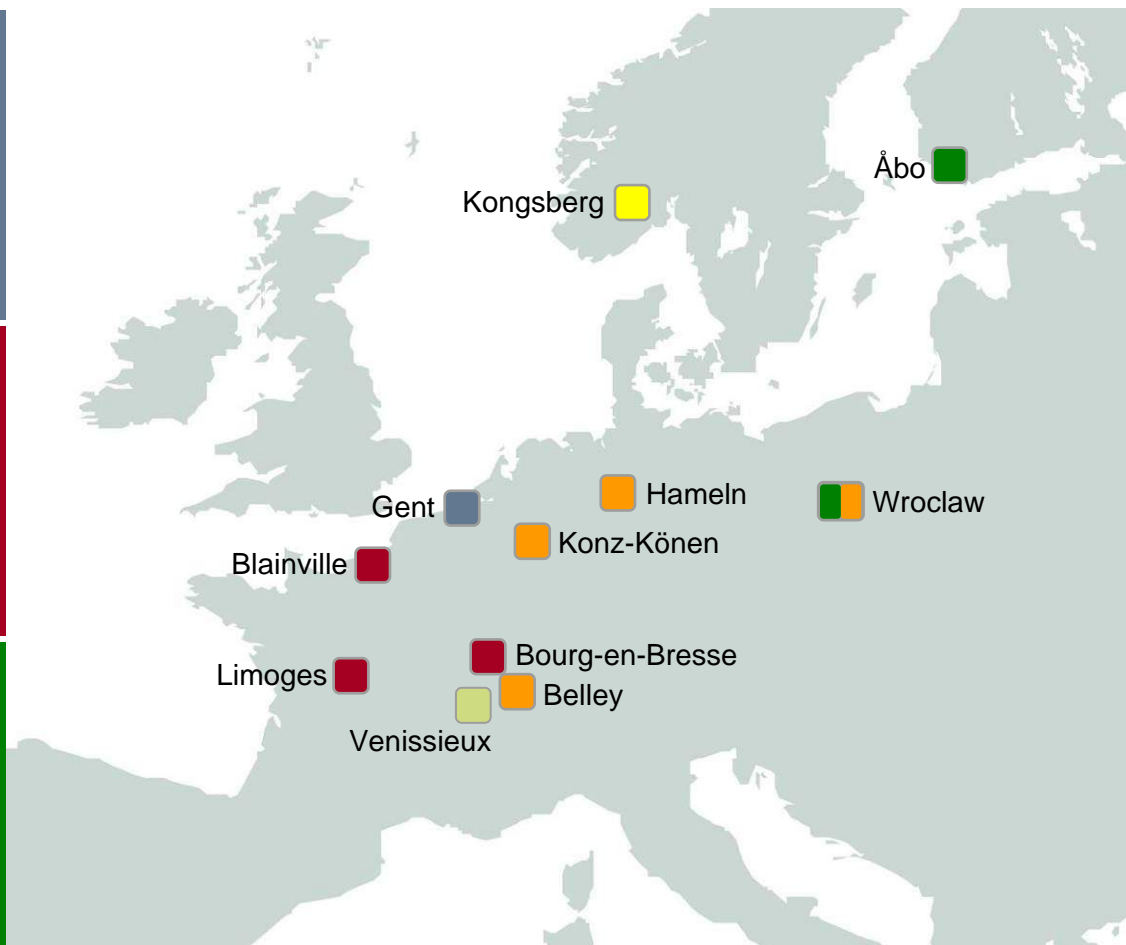
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Sales and Employees Worldwide 2007



Production in Europe

Excl. Sweden



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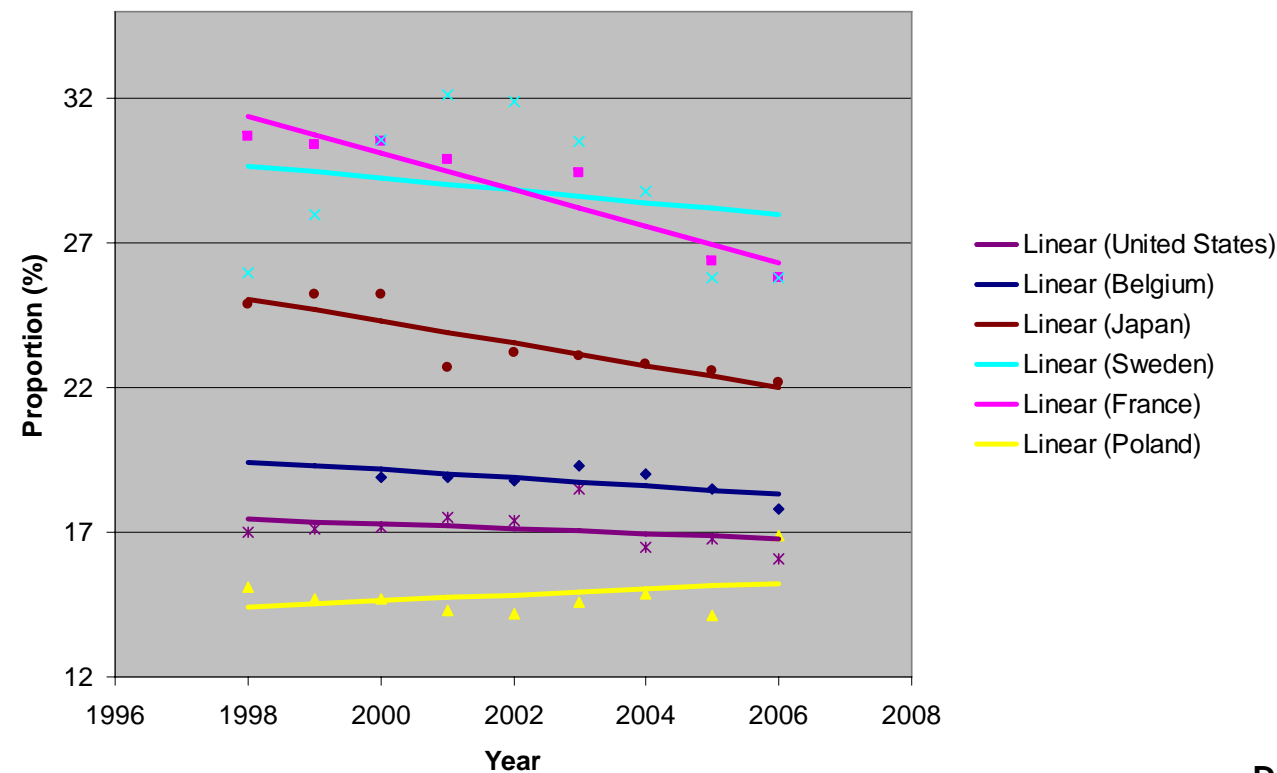
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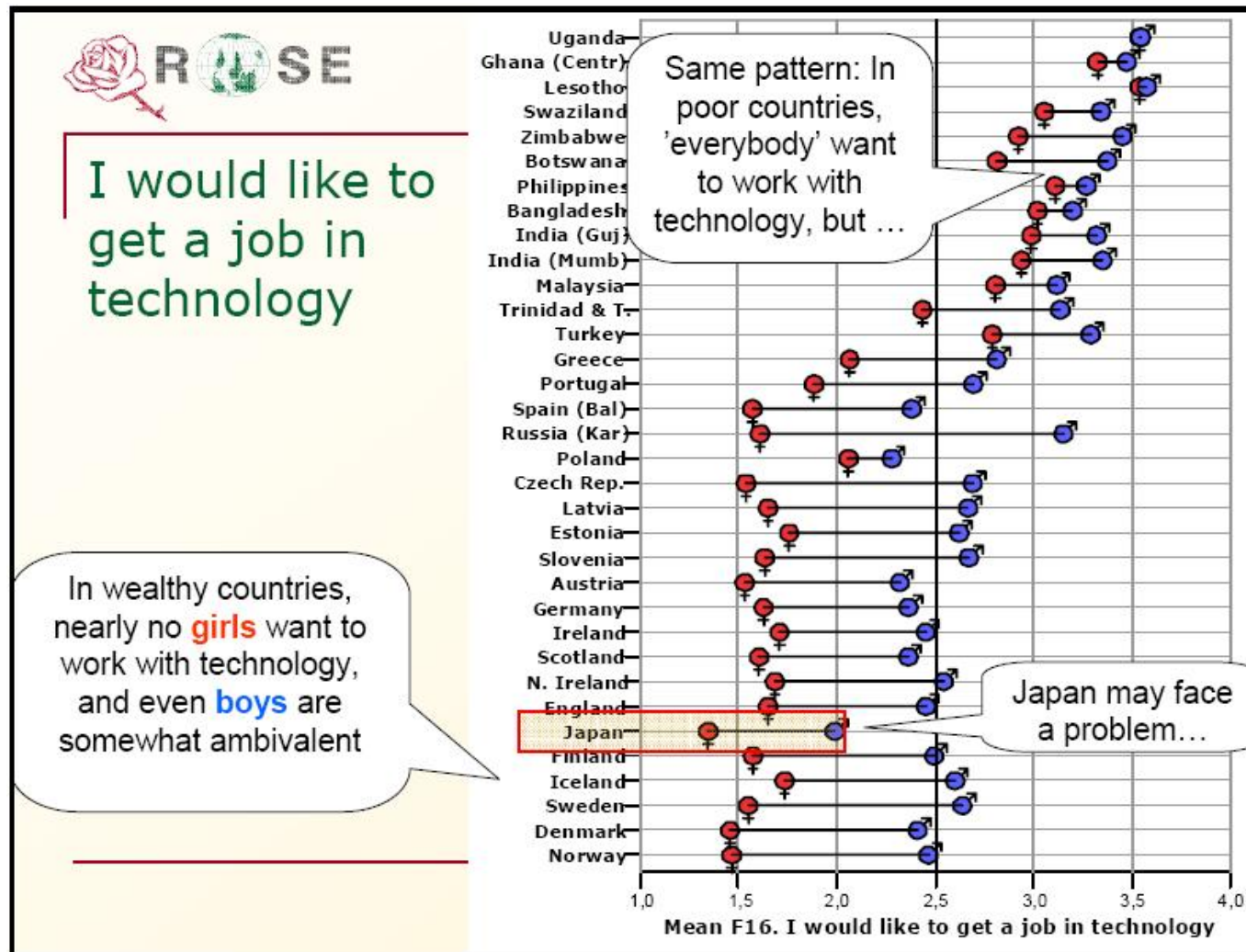
University graduates in selected countries

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



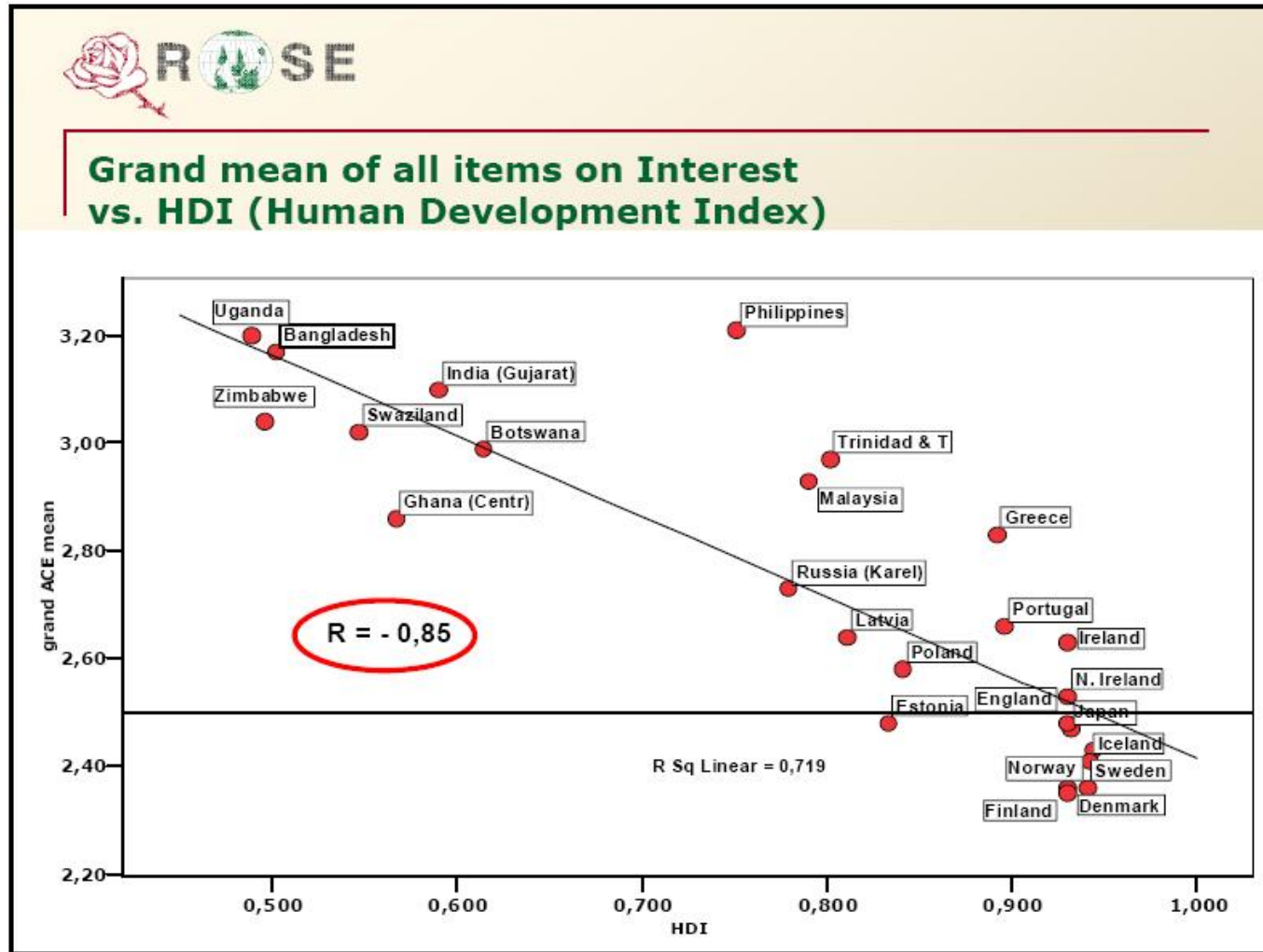
Data: Eurostat 2008

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



Inspiring the Next Generation

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



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VOLVO

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

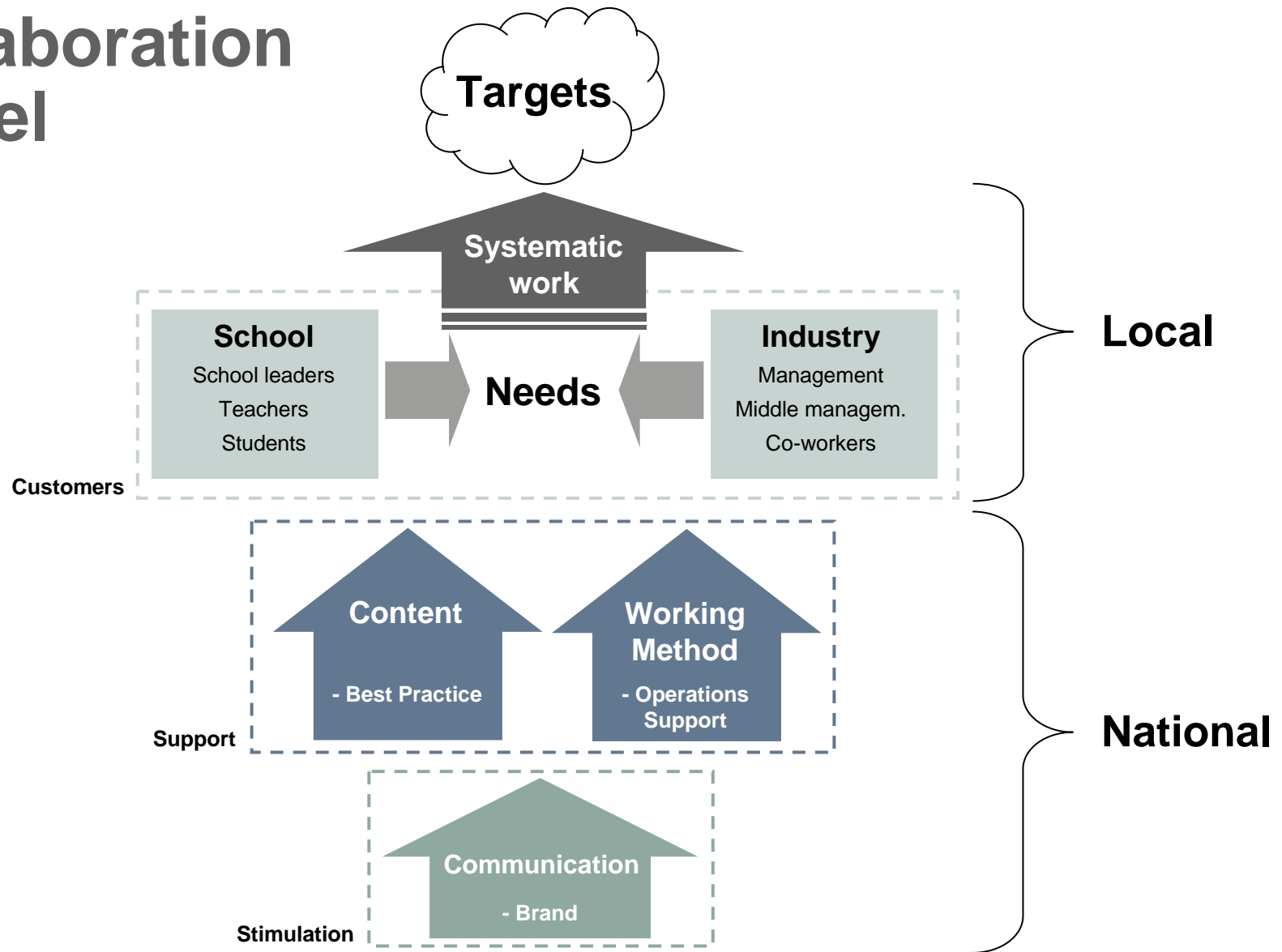
Provide students with access to role models

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!