

Industry-university cooperation, some reflections

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Business Areas

Volvo Trucks



Renault Trucks



Mack Trucks



Nissan Diesel



Buses



Construction Equipment



Volvo Penta



Volvo Aero

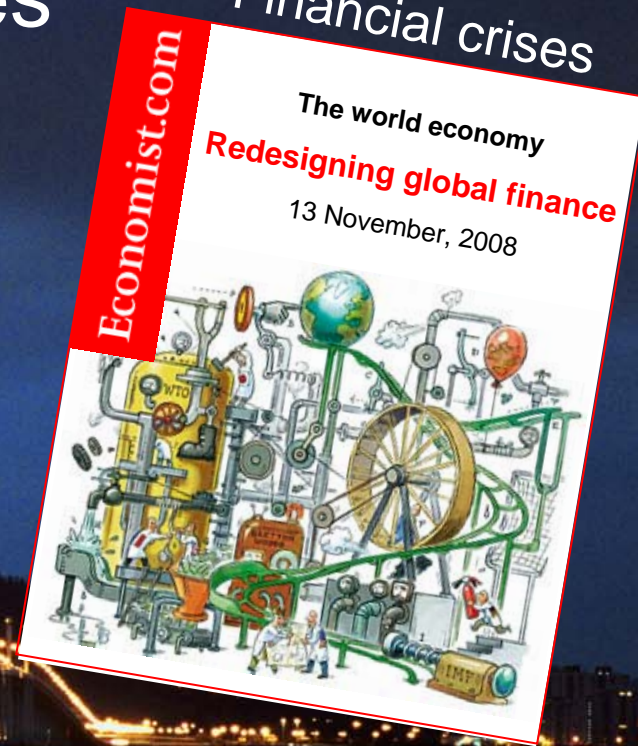


Financial Services

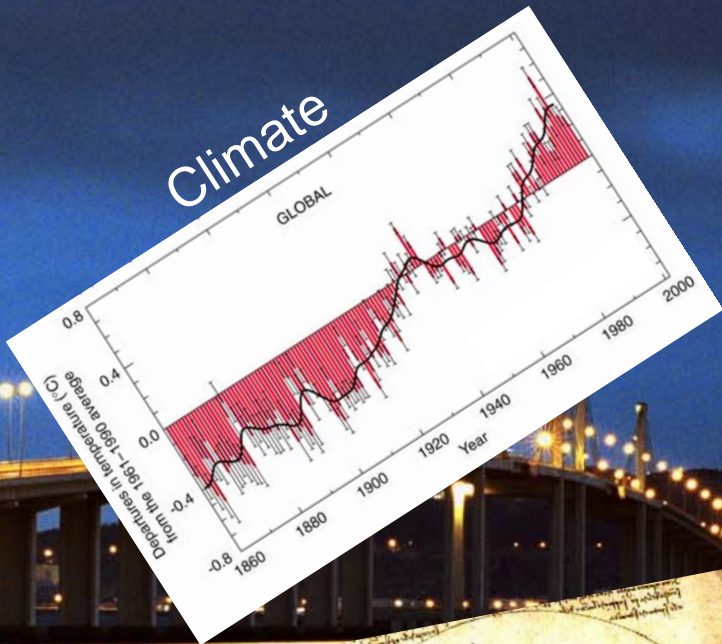


Facing major challenges

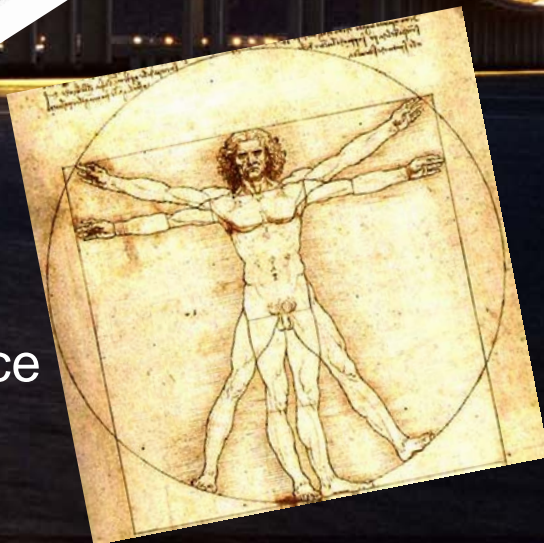
Financial crises



Climate



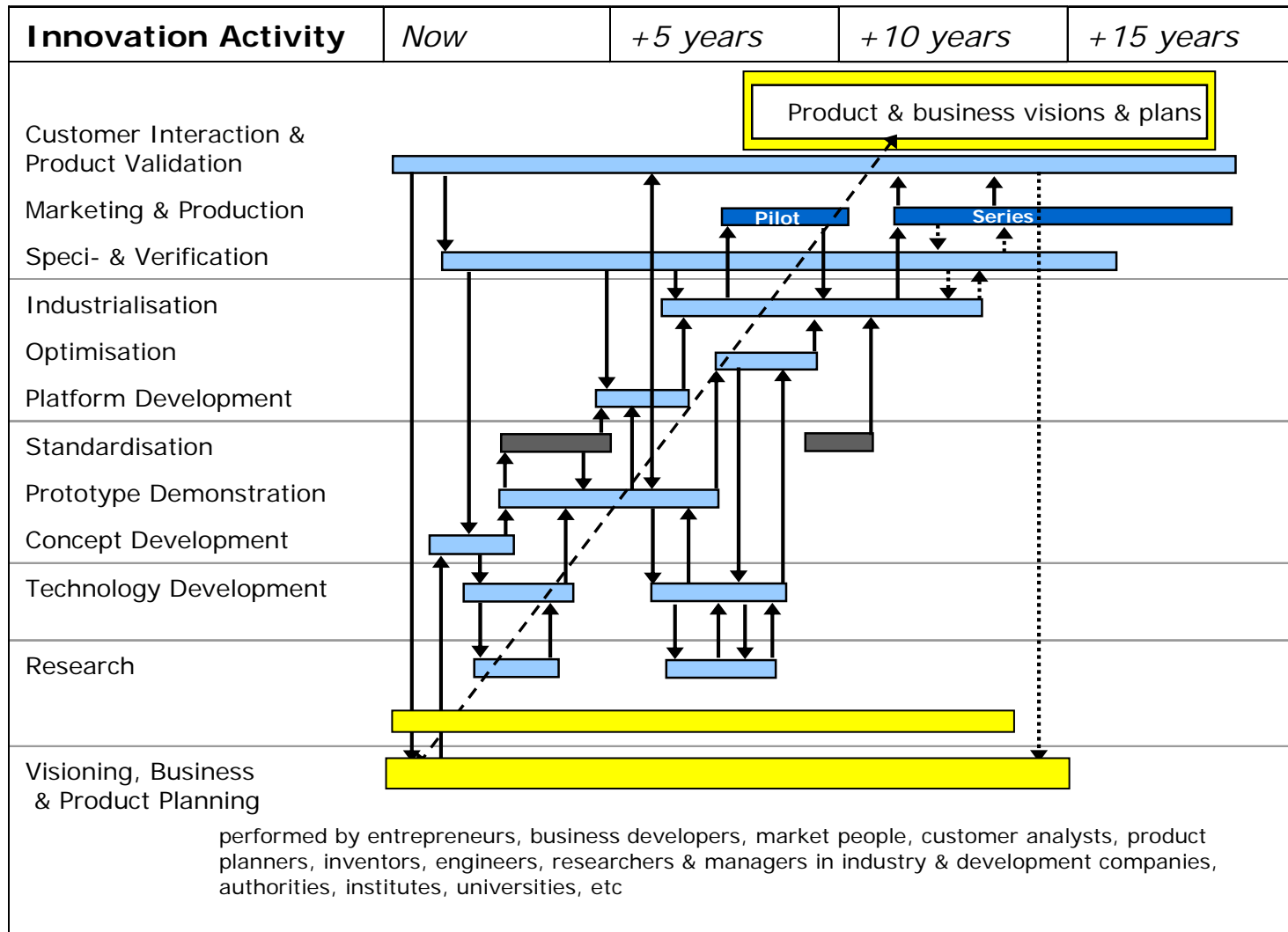
Competence



Innovations



How innovation is driven in the Volvo Group



University cooperation is essential



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Access to competence

(**Influencing curricula** through partnership, guest lectures, board participation, internships, giving access to our laboratories, providing projects with access to real life problems, support for **stimulation of interest** in Mathematics, Technology and Science)

Access to new knowledge

Research partnerships, participation in research applications and in projects with both in-kind resources and grants)

Access to new networks

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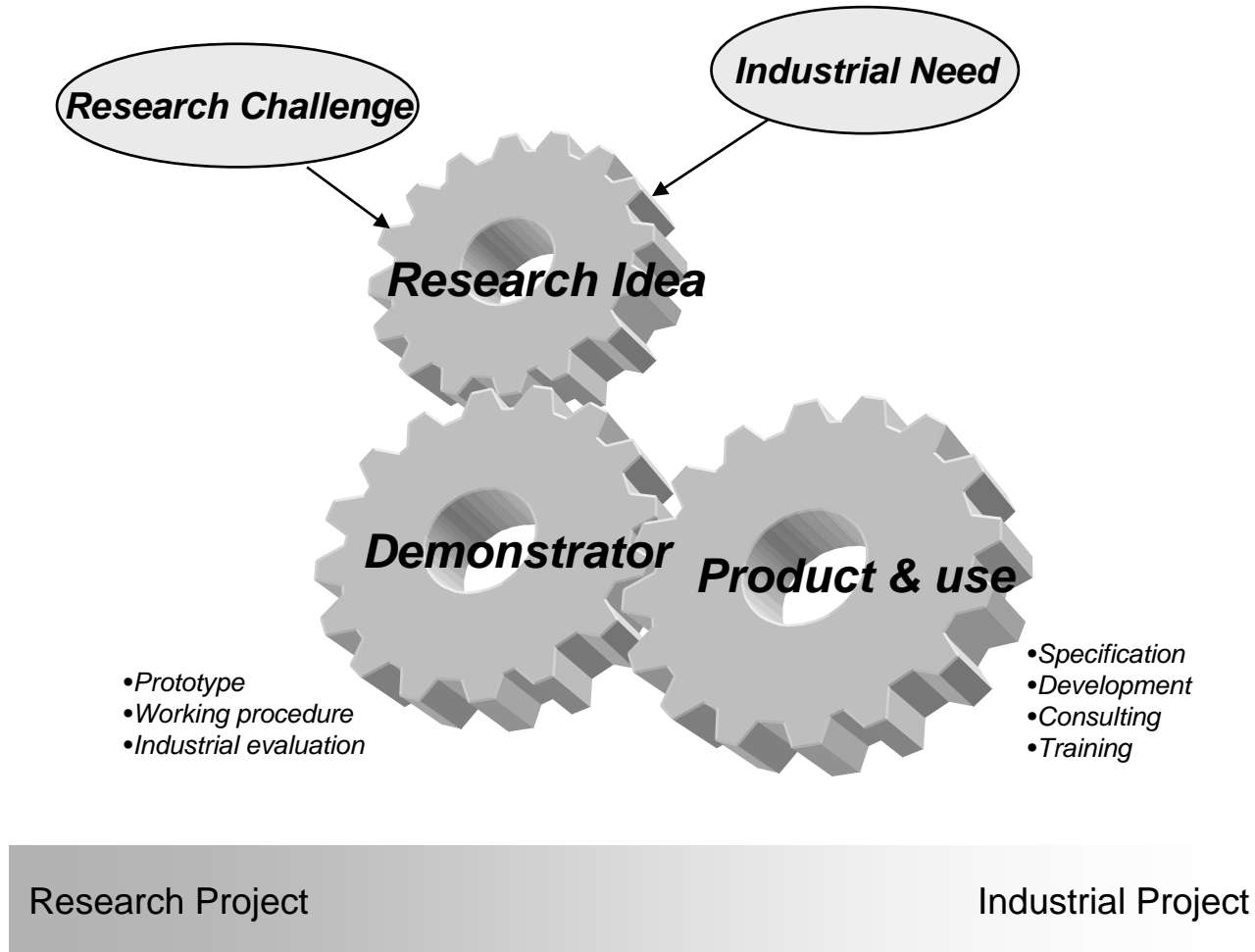
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Research partnerships, participation in research applications and in projects with both in kind resources and grants)

Access to new networks

Benefit to university development

Implementation model for effective Industry-University research cooperation

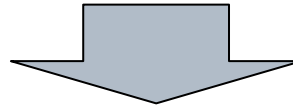


Competence Supply

A Critical Challenge



- **Negative attitudes** in industrialised countries towards education and work in maths, science and technology
- **Declining student proportion** in Mathematics, Science and Technology (MST) education in OECD



- **Poorer quality of education**
- **Weakened competitiveness**
- **Recruiting and retaining employees - expensive and difficult**

Competence Supply A Critical Challenge

Schools need Industry to provide

- Work Related Content
- Role Models
- Information on MST use



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We need a broad leadership that can and dare to retake the initiative in cooperation over boundaries

