PIEp - Product Innovation Engineering Program

- a national program for innovative product and business development
The Scope in summary

- Technology companies, small and large
- National strategic commitment
- Duration of 10 years
- Approx € 5.5 Million annually, out of which 1/3 comes from the industry
- Hosted by KTH
- Initial parties, beside KTH, are Lund University, Jönköping University, Umeå Institute of Design and the Center for Technology, Medicin and Health
- New party. Luleå Technical University
- International partners
The Board

- Anders Narvinger, Chairman
- Kristina Alsér (Mercatus Engineering AB)
- Mats Leijon (Uppsala University)
- Anna-Carin Månsson (Theia Investment AB)
- Jan-Anders Månson (EPFL, Lausanne)
- Margareta Norell (KTH)
- Ulf Wahlberg (Ericsson)
- Jan Wikander (KTH)
Five main fields of operation

- **Innovation Knowledge (IK)**
  - Models for assessing innovative capability
  - Research in innovation, Research for innovation

- **Innovation Business (IB)**
  - New products
  - New companies
  - Rotation programs
  - PIEp Trainee
  - Creative sessions
  - Learning networks

- **Innovation Experience (IE)**

- **PI Ep Education (EDU)**

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Flow and Interaction

Innovation support network
- Authorities
- University holding companies
- Incubators
- Venture capital

Education - Teachers
- Creative coaching

Education - Students
- Innovation Engineering

Education - Research school

Innovation Business (IB)

New Entrepreneurs
New Products
New Companies

Innovation Management (IM)
- Production of innovations
- Models for assessing ability

Innovation Knowledge (IK)
- Research in innovation,
- Research for innovation

Innovation Experience (IE)
- Exchange programs
- Projects
- Learning networks

Industry and Business
- Global corporations
- SME
- Institutes

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IIEp

New Products
New Companies

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Deliverables

- **Tools**
  - Models and Methods

- **People**
  - Innovators and Entrepreneurs

- **Innovations**
  - Products, which otherwise would have stayed as ideas
Innovation Research

- Innovation Knowledge – Five R&D projects started
  1. Innovation capability – organizational factors
  2. Interaction and interdependencies in product innovation
  3. Customer interface in product innovation
  4. Measuring for innovation – focus on groups in early phases
  5. Innovation in theory – literature studies. Doctoral student course

Involving 23 experienced researchers from 11 Swedish universities and 20 technology companies from different sectors.
Corporate offering

1) PIEp corporate partner program
2) Learning networks on specific topics
3) Concept and product development Projects
4) Concept implementation work-shops
5) Consulting - Research
6) Exchange programs