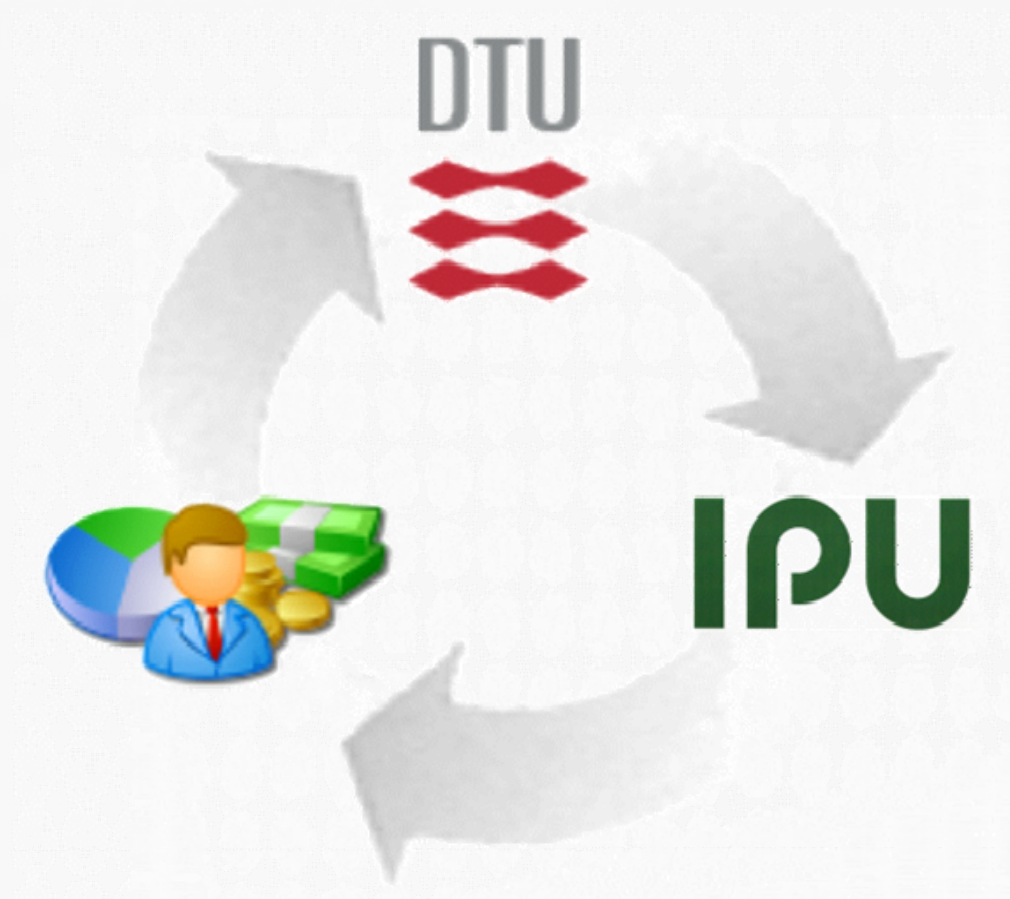

IPU

- an introduction

Kragujevac,
March. 25th 2009

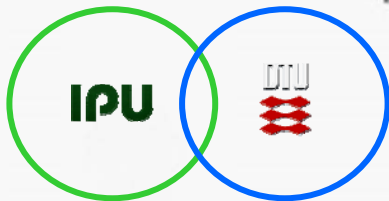


The link between university and industry....



A dedicated on-campus innovation team

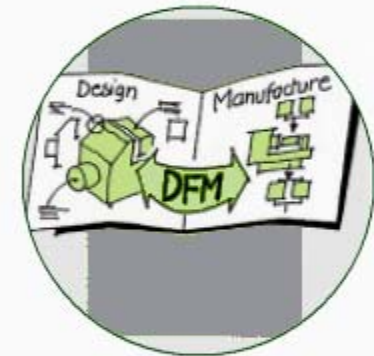
- A non-profit organisation at the TU of Denmark
- Research and development projects on contract
- 60 fulltime staff
- 60+ associated DTU staff
- Turnover: ~ 6 mill EUR/yr



... since 1956

Types of services from IPU

- Strict product, process, or materials development
- Technical advise, problem solving, and arbitration
- Project facilitation, process management, benchmarking ...
- Implementation of new methods & procedures
- Strategic analysis and planning
- Organisational development
- Continuing education and on-the-job training



IPU's organisation

CEO: Lars Hein **CFO: Torsten Rich**

Product development [T.Ahm]

- Engineering design [TA]
- Product architecture [TA]
- ScienceComm [CBH]
- Knowledge management [JJ*]
- Sustainability [HFL*]
- Industrial engineering [TA]

Technology development [M.Arentoft]

- Materials and surface technology [AAR]
- Refrigeration and energy engineering [MJS]
- Bio and food technology [PVN]
- Civil engineering [JHN*]
- Micro and nano systems [JRe]

IPU Venture [ToR]

- COM
- Electro
- Chemistry
- Mathematical modelling



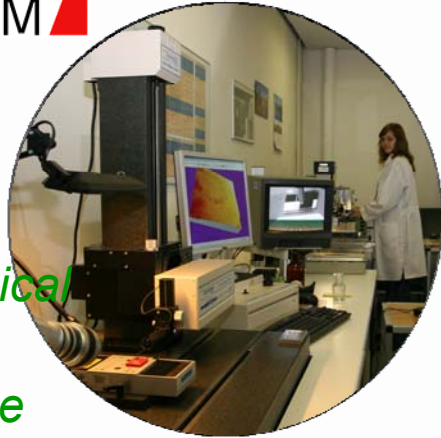
Competences (IPU-Process and micro technology)

Metrology:

Areas:

- KMM
- Roughness
- Roundness
- Optical/mechanical
- Calibration and quality assurance

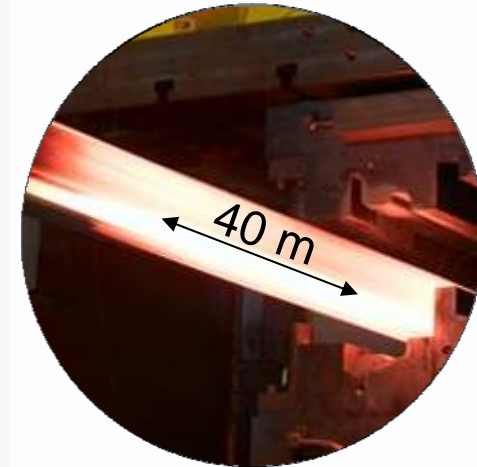
CGM



Process technology:

Processes:

- Welding
- Casting
- Punching/blanking
- Bulk forming
- Sheet metal forming
- Machining



Micro technology:

Competences:

- Micro-edm
- Fiber laser
- Metal forming
- μ -injection moulding
- Inspection
- Handling



Production equipment:

Competences:

- Concepts
- Consultancy
- Documentation
- Product development



Campus of the Technical University of Denmark

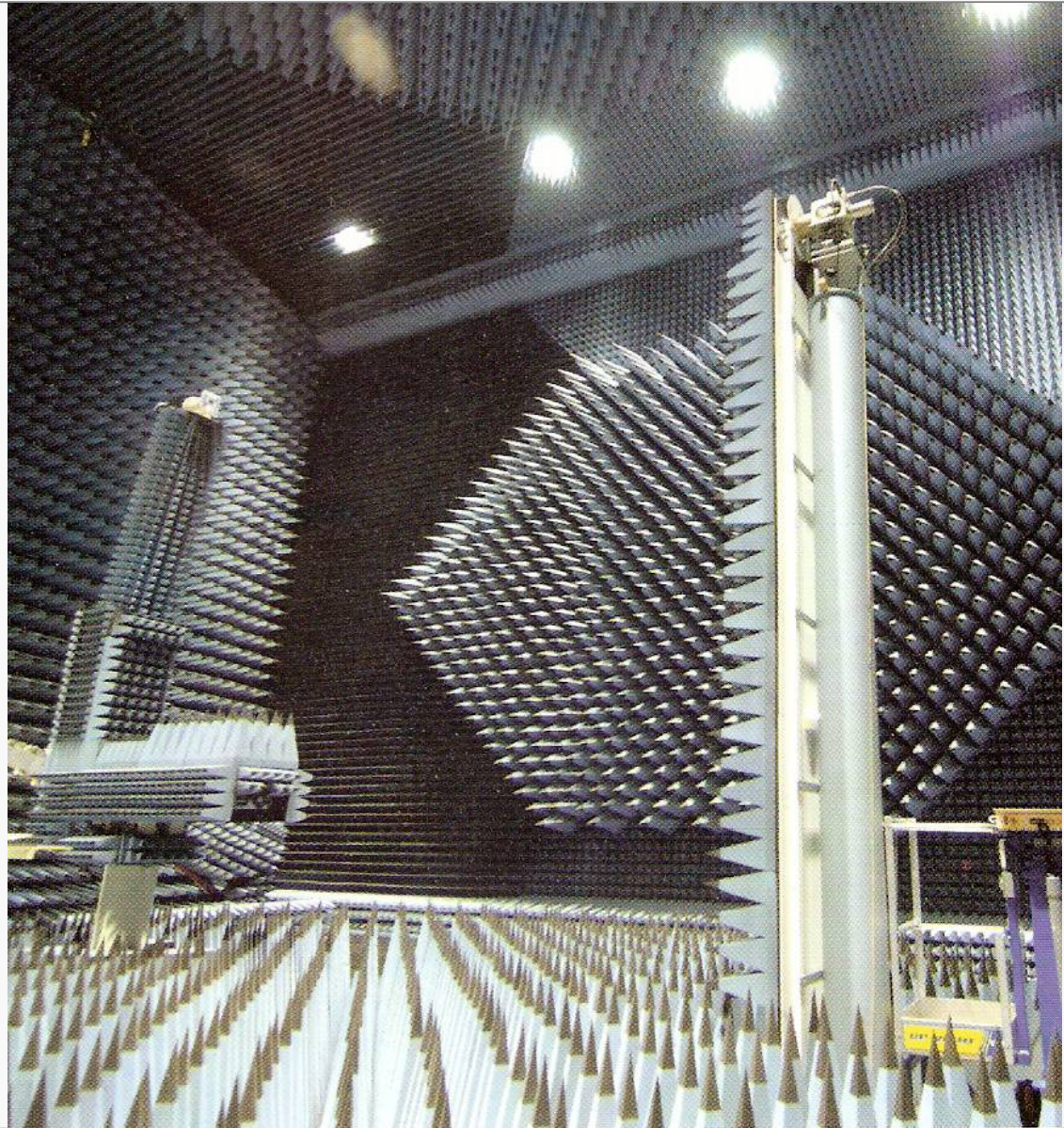


425

427

427S

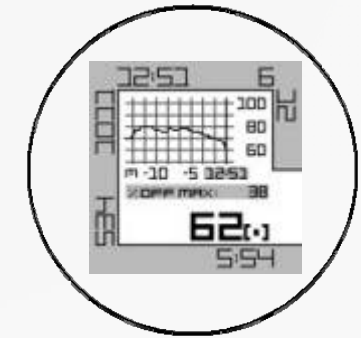
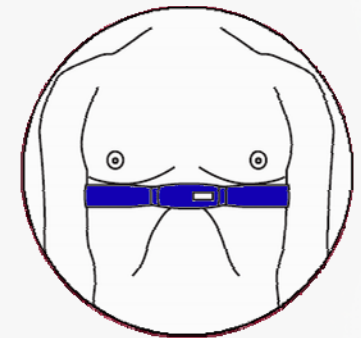
Ørsted - DTU: Probe mast



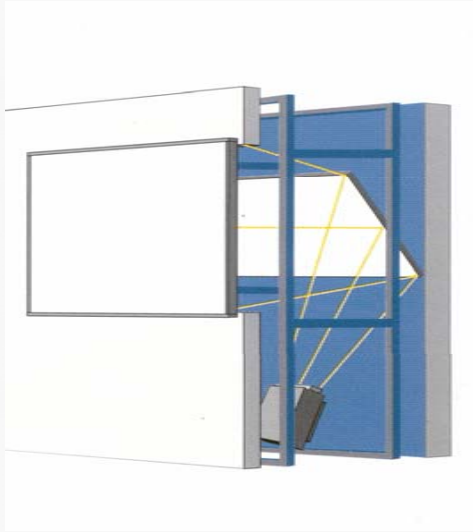
ReElight: Dynamic bicycle light



LINDE + WERDELIN: Biformeter



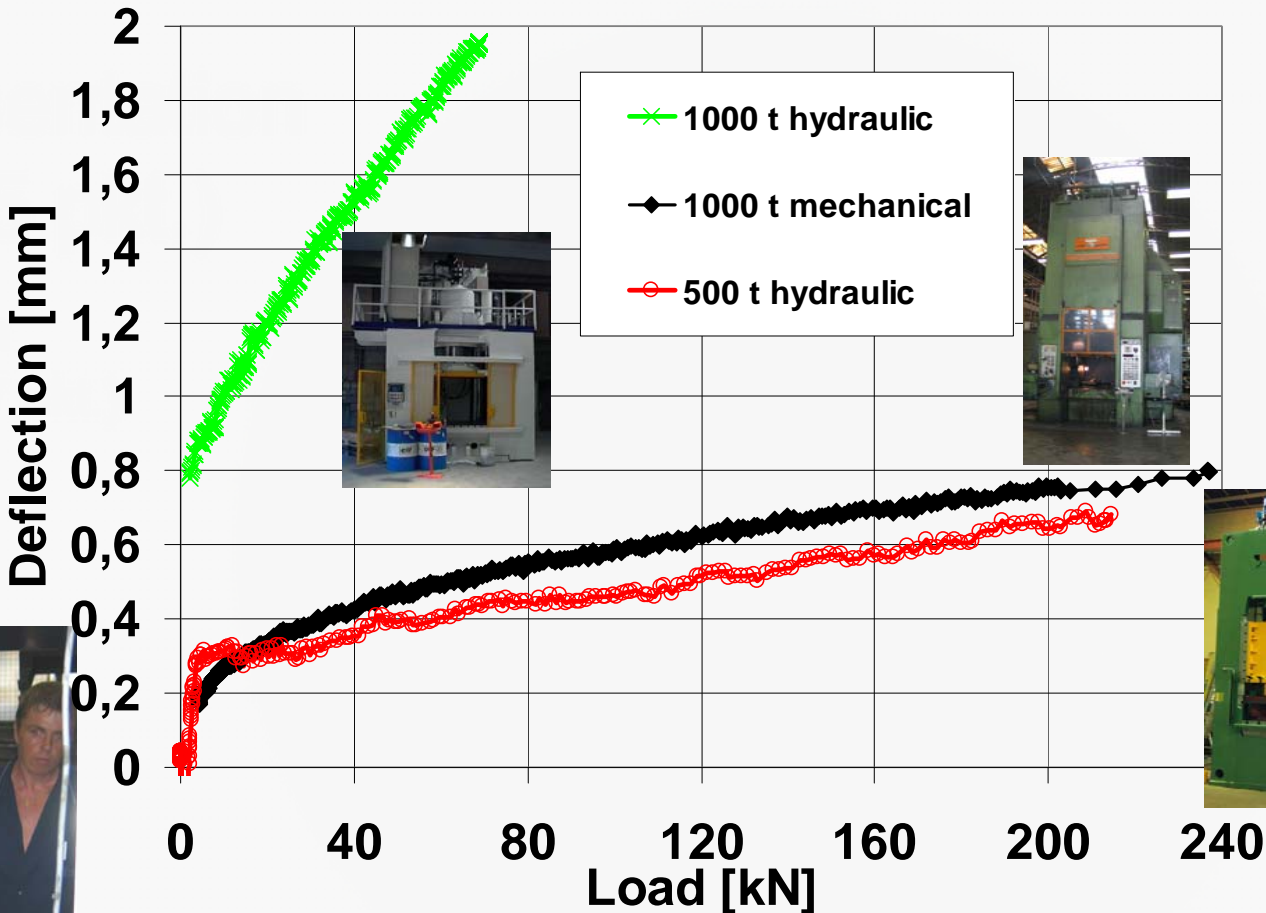
Machinery for production of "rear- projection screens"



Press stiffness measurements



1000 tonnes press at Iskra Avtoelektrika



For more info please contact:

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IPU

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