

Luleå University of Technology

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OUR STRENGTHS



Applied research – the highest proportion of corporate funded research among Swedish universities.

Technical excellence combined with multidisciplinary research.

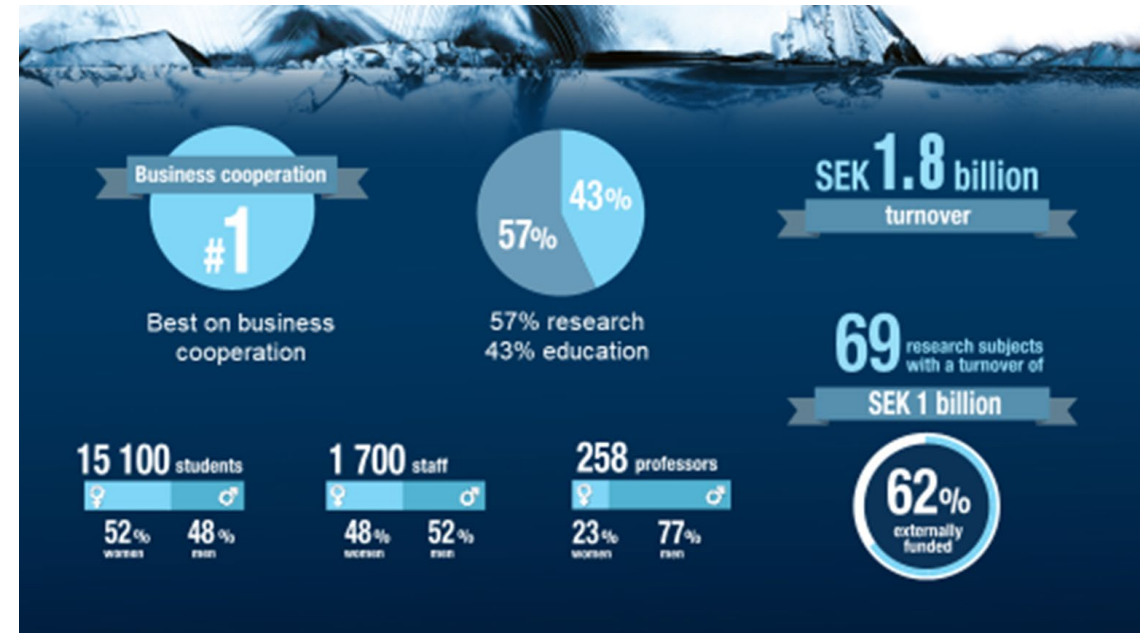
Unique experimental environments for research.



OUR RESULTS



- Best on business cooperation
- Total turnover 1,8 billion SEK
- 57% Research, 43% Education
- 69 research subjects with total turnover of 1 billion SEK
- High level of external funding (62%)
- 15 100 students
- 1 700 staff



OUR RESEARCH AND EDUCATION AREAS

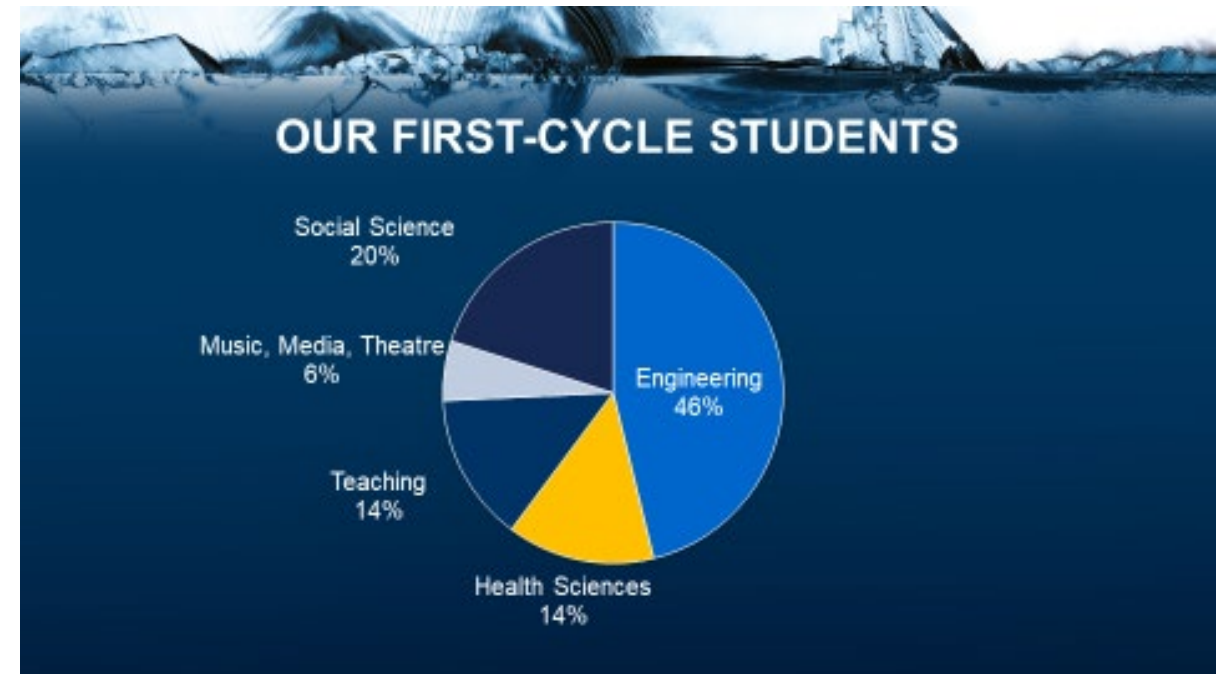


- Attractive built environment
- Effective innovation and organisation
- Future mining
- Renewable energy
- Innovative art and technology
- Sustainable transportation
- The future of health
- Intelligent industrial processes
- Pioneering teaching and learning
- Enabling ICT
- Infinite space
- Smart machines and materials

OUR FIRST CYCLE STUDENTS



- Engineering
- Social Science
- Health Sciences
- Teaching
- Music, Media, Theatre



OUR VISION and STRATEGIES

– VISION 2030



VISION 2030

Luleå University of Technology

We shape the future through innovative education and ground-breaking research results. Drawing on our location in the Arctic region, we create global societal benefit.



With solid and long-term collaborations, we ensure quality, relevance and visibility.



Through strategic networks and alliances, we position ourselves and have an impact on societal development.



With a high-quality infrastructure, we confirm our profile and strengthen collaboration.



Through internationalisation, we strengthen and broaden our activities and contribute to global societal benefit.



Through digitalisation and new technology, we promote innovative teaching and learning environments as well as efficient and accessible services.



With an inclusive culture formed by courage, openness and trust, we create development and innovation.

SPACE @LTU



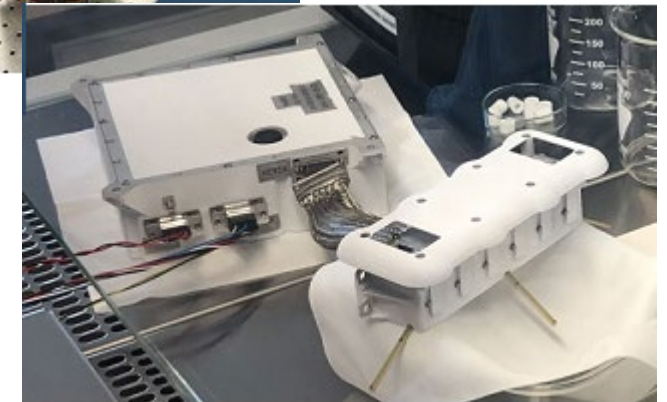
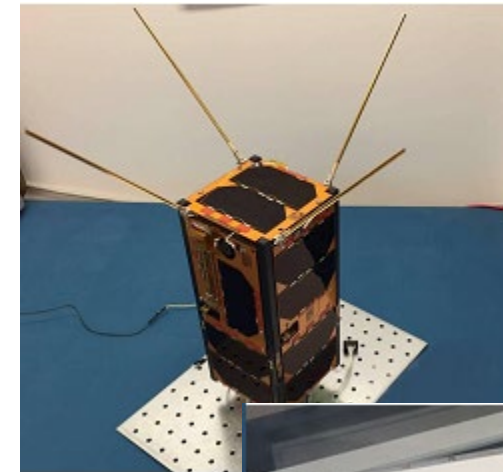
- SPACE Education
- SPACE Research
- PROJECTS to support Space for Innovation and Growth



SPACE EDUCATION



- 5-year National Master Program in Space Engineering
- 2-year International Joint Master Program in Space Science and Technology
- 2-year International Master Program in Spacecraft Design
- 4-year Graduate School in Space Technology (46 PhD's graduated)



SPACE RESEARCH



- Onboard Space Systems
- Atmospheric Science
- Engineering Materials
- Product Innovation
- Fluid Mechanics
- Space Robotics
- Tribology
- Computer Science



PROJECTS TO SUPPORT SPACE FOR INNOVATION AND GROWTH - RIT 2021

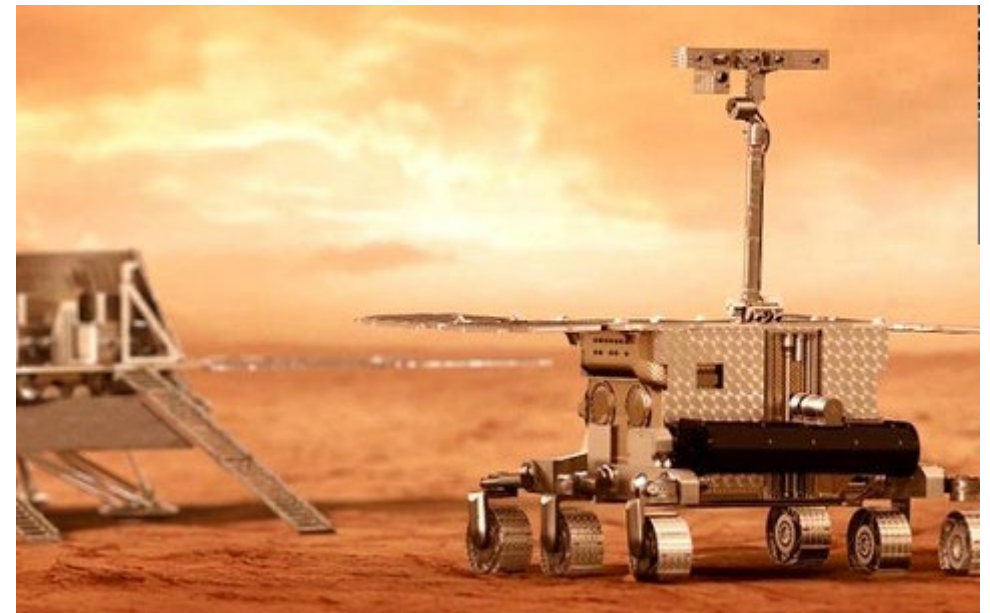


Support research projects together with space industry

- Establish a testbed for space systems testing
- Strengthen the regional innovation ecosystem
- Establish a Center of Excellence in Space Technology
- Establish a northern node of Aerospace Cluster Sweden

Together with our partners:

- Esrange Space Center, SSC
- Swedish Institute of Space Physics (IRF)
- EISCAT Scientific Association



THANK YOU

