



Strategic Plan

LTH / FACULTY OF ENGINEERING / LUND UNIVERSITY

2017–2026



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Together we explore and create – to benefit the world

THE LTH VISION



LTH – home of unique opportunities

At LTH, there are many unique opportunities for the development of research, education and innovation.

We are a faculty at a comprehensive university, which creates opportunity for strong interdisciplinary collaborations within the University. We are among the leading faculties in the world in a number of different subject areas, with dedicated students and experts in a wide range of disciplines – factors which contribute to a progressive and vibrant environment.

LTH is part of a unique infrastructure, in the form of MAX IV and the adjacent ESS – an interdisciplinary ecosystem in which LTH is a driving force. We are favorably located in the Öresund region, which, in terms of its population, is the largest transnational collaborative area in the Nordic region with close to four million inhabitants. In this area, there are prominent higher education institutions and a high demand for education and research from all parts of society.



The tool that guides us forward

The strategic plan is an important tool to drive the work of the organisation forward. LTH's strategic plan formulates objectives and strategies in the areas of education, research and artistic development work, external engagement, as well as management and organisation.

The strategic plan 2017–2026 is based on the faculty's vision and Lund University's core values. It aims to lead LTH forward, guide its priorities and concretize Lund University's strategic plan for the faculty.

Society is changing at an increasingly rapid speed, for which sustainability, globalisation, digitalisation and new forms of knowledge dissemination are some of the contributing factors.

To ensure that LTH's strategic efforts during the period of the plan are adapted to these changes, the plan will be revised and updated by 2022.

LTH's annual plan of operations defines targeted development projects based on strategies to achieve those goals.

Development projects can be initiated in all units of the organisation, particularly within the boards and management groups of LTH. The management of LTH holds the overall responsibility for ensuring that they are initiated.



Objective 2026:

- In 2026 LTH is a creative environment for learning and knowledge seeking. Our environment is characterised by a strong sense of job satisfaction, pride and mutual trust among our students and staff.
- Lund and LTH offer a unique student life which attracts students from all over the world. LTH's dedicated students continue to be a major resource to the faculty's development and quality enhancement work. They feel a strong sense of belonging to LTH and their respective study programmes.
- Lund University and LTH have a natural place among the top-100 universities in the world, attracting prominent researchers and students worldwide.
- LTH is characterised by intra- and interdisciplinary excellence and its strong commitment to issues of significance to society and to sustainable development.
- We promote curiosity, creativity and constructive interrogation of ingrained notions.
- We are generous, treat each other with respect and highlight each other's achievements in research, education and external engagement. LTH performs active strategic work in which interdisciplinarity, openness to change, inclusiveness, gender equality and diversity are all a natural part of our organisation.



By 2026, LTH will be:

- known for its leading role in educational development and high-quality teaching
- known for the contribution of its research and education to solving major societal challenges
- a leading actor in the public debate
- a nationally and internationally attractive environment, recruiting prominent staff and talented students
- a functional, professional and efficient organisation

EDUCATION

Objectives

- U1** LTH is to offer attractive courses and study programmes of a high international standard, which meet the educational needs of society and reflect the current state of research.
- U2** LTH's third-cycle programmes are to be conducted at the scientific forefront in their subjects, and develop the doctoral students' ability to conduct critical, independent and creative research.
- U3** LTH is to provide qualified and modern training of architects, designers, doctoral students and engineers who promote the sustainable development of society and higher education.
- U4** LTH's courses and study programmes are to promote creativity, interdisciplinarity, an ethical approach and critical thinking, and its teaching is to be permeated with progression and reflection.
- U5** LTH is to be at the forefront of educational development, and all teaching is to be characterised by a high level of educational expertise and a wide range of high-quality teaching methods and forms of assessment.



Strategies

- Adapt the range of courses and study programmes to meet society's future needs based on LTH's strengths and efficient use of resources.
- Create a study environment closely connected to the research environments and characterised by internationalisation and ethical awareness.
- Regularly follow up to make sure that LTH's programmes fulfil and work in synergy with the national learning outcomes for first-, second-, and third-cycle education.
- Continuously improve LTH's study programmes so that they become of greater value to society by safeguarding current and relevant knowledge among its graduates.
- Build and reward expertise among its teaching staff in the development of teaching and supervision, as well as encourage a scholarly approach to teaching and learning, and active participation in the discussion of education at LTH.

RESEARCH AND ARTISTIC

DEVELOPMENT WORK

Objectives

- F1** LTH is to be known for the clear connection between its activities¹ and the major societal issues defined in the global targets of Agenda 2030.
- F2** LTH's activities are to be of intradisciplinary excellence and based on a high level of expertise, stimulate creativity and scientific risk-taking, and welcome unconventional thinking.
- F3** LTH is to have strong interdisciplinary research environments which are attractive to researchers from a wide range of disciplines.
- F4** LTH's activities are to engage and inspire on all levels, and be reflected in its teaching.
- F5** LTH is to strengthen its research funding, with an increase in international sources.

1) Here 'Activities' refers to research and artistic development work as well as third-cycle education.



Strategies

- Identify and define how the activities can be linked to global societal challenges, and subsequently contribute with solutions.
- Define and implement targets and evaluation methods to improve the quality and renewal of the organisation, and promote a critical and ethical approach.
- Strengthen LTH's research groups and the participants' third-cycle education by supporting their collaboration with LTH's strong research environments and the major research facilities MAX IV and ESS.
- Create incentives for working with interdisciplinary issues.
- Actively support participation in policy development concerning national and international research funding and other missions deemed to be of strategic value for LTH.

EXTERNAL ENGAGEMENT

Objectives

- S1** External engagement is to permeate the everyday activities in education, research and artistic development work at LTH, and be based on a long-term establishment of mutual benefit together with our collaborative partners.
- S2** In collaboration with wider society and industry, as well as within the University, LTH is to assume a leading role in the dissemination of knowledge concerning major societal challenges and work with their solutions.
- S3** LTH is to offer attractive study programmes and activities for life-long learning with a strong connection to LTH alumni.
- S4** LTH is to be characterised by entrepreneurship and innovation.
- S5** Informed by scientific and artistic results, LTH is to actively participate in the public debate and contribute to policy development.



Strategies

- In collaboration with relevant actors, LTH is to form strong interdisciplinary groups which are capable of leading the work with solutions to major societal challenges.
- Systematically work to increase collaboration within LU, with industry, society and other higher education institutions, regionally, nationally and internationally, for the mutual benefit of all parties.
- Draw up an action plan for increased mobility between industry and academia, as well as between different higher education institutions, nationally and internationally.
- Increase collaboration with LTH's alumni for the benefit of education, contract education, research and sustainable funding.
- Actively work with primary, secondary and upper secondary schools to widen participation, increase interest in academic study and contribute to the knowledge development in society.

MANAGEMENT AND ORGANISATION

Objectives

- O1** LTH is to conduct an improved strategic recruitment process which is quality assured, professional and transparent, and which supports the needs of the organisation.
- O2** LTH as an employer is to offer good terms of employment and clear career paths for all categories of staff.
- O3** LTH is to offer a very good work and learning environment, based on LU's core values and on job satisfaction, well-being and mutual trust between motivated individuals.
- O4** LTH is to be a functional, professional and cost-effective organisation based on clear leadership.
- O5** LTH is to pursue efficient and systematic quality enhancement work and thereby ensure high quality within all areas of operation.



Strategies

- Develop a new overall recruitment strategy, which is based on expertise and renewal, and is supported by a work approach that rests on gender equality, diversity, internationalisation and broadened recruitment.
- Actively work to ensure that the staff at LTH feel secure in their work and have opportunities for professional development based on long-term funding and efforts, which focus on, gender equality, participation and equal opportunities.
- Systematically improve the work environment for students and staff through active development work, supported by evidence-based methods of measurement and evaluation.
- Conduct quality enhancement work focusing on the optimal utilisation of the organisation's strengths by ensuring that all work duties are performed by the staff with the most relevant expertise in that area.
- Analyse and develop resource efficiency within the organisation, particularly with regard to the costs of the various units within the organisation before deciding on organisational and administrative changes.



Core values – holding together a large organisation

The values on which LTH is based hold together all aspects of the organisation and establish a foundation for our activities. The shared core values of Lund University and LTH create a context for staff – a common identity for the entire University – which helps us achieve our objectives:

Lund University is part of a worldwide academic community and stands behind the basic core values on which European universities agreed in the Magna Charta Universitatum. This document establishes the importance of autonomy and academic freedom. Universities are to be free of pressures from wider society and to defend the freedom, integrity and quality of education and research.

The core values are also based the laws, which a Swedish public authority is obliged to follow. The organisation is to safeguard democracy, legality, impartiality, freedom of opinion, respect for the equal value of all human beings, efficiency and service as well as democratic principles and human rights and freedoms. Gender equality and diversity are fundamental principles in every part of our organisation.

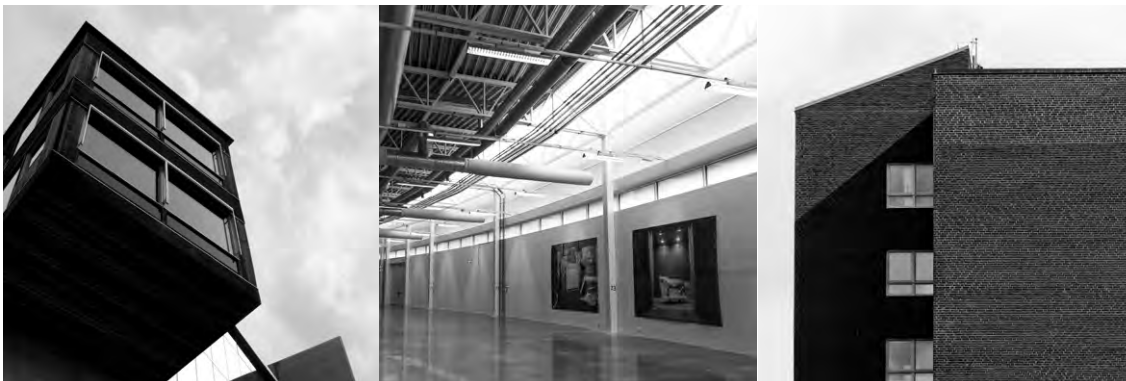
Further values characterise Lund University and have done so for a long time: a critical and reflective perspective, objectivity, nonpartisanship, curiosity, engagement, compassion and humour.

LTH / LUND UNIVERSITY

LTH, is a part of Lund University and has overall responsibility for education and research within engineering, architecture and industrial design.

LTH is one of Sweden's largest engineering faculties, offering (both/ all) modern and traditional engineering choices, as well as our own unique programmes. Research is conducted within all disciplines and leads the world in a number of areas. These include: nanotechnology, combustion physics as well as medical technology.

LTH, is home to almost 10,000 students and 1,500 employees from all over the world. Most of our programmes are taught in Lund, but a few are housed at the campus in Helsingborg.

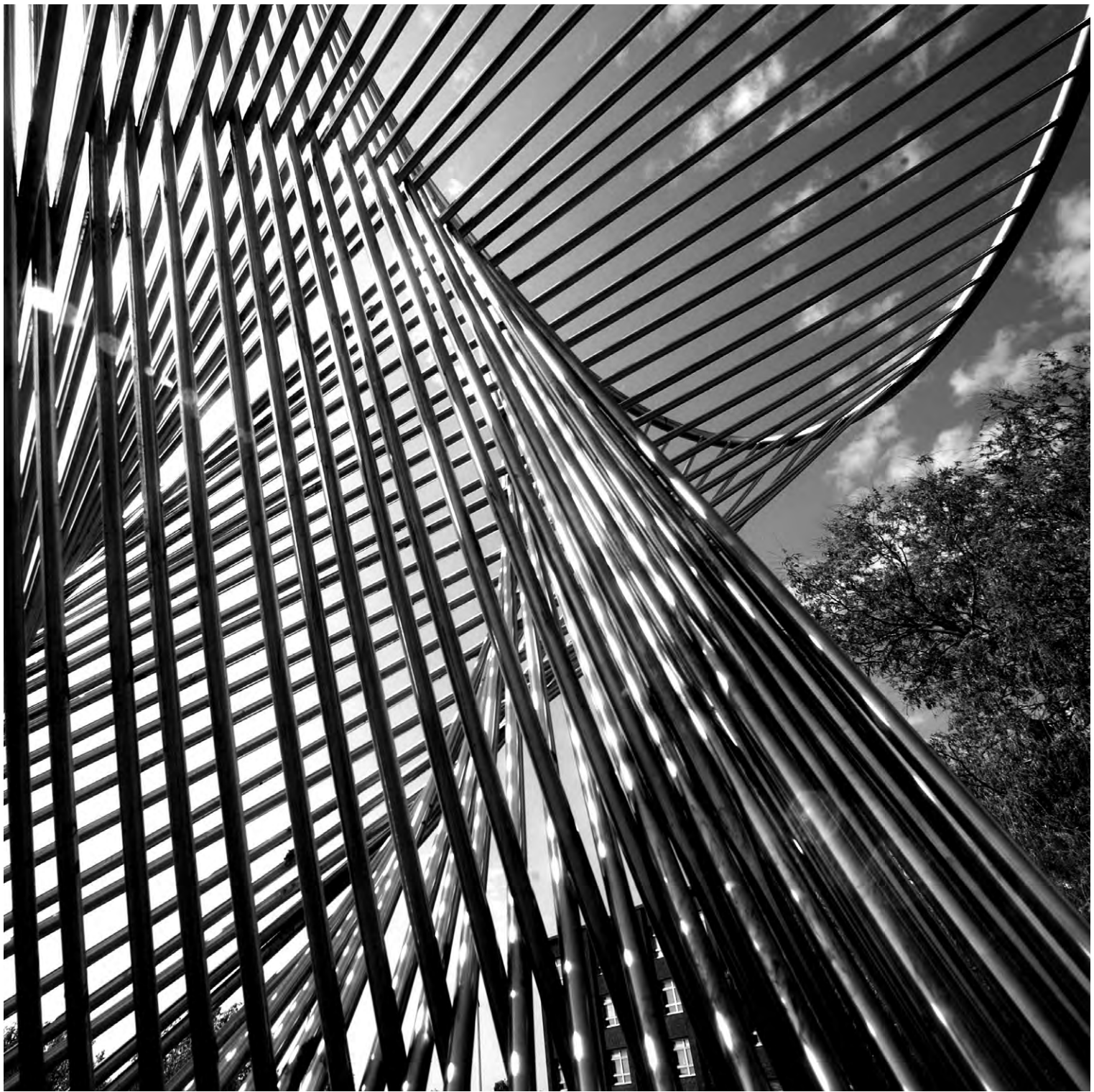


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LTH

**FACULTY OF
ENGINEERING**

LTH
Faculty of Engineering
Lund University
Box 118
221 00 Lund / Sweden
Tel. +46 46 222 00 00
www.lth.se/english