We live in a rapidly changing world where globalisation and digitalisation are having a significant impact on each and every one of us. The challenges facing society are far too large and complex to be dealt with by a single individual or institution. New ways of thinking, new approaches and new forms of collaboration that transcend academic and geographical boundaries are crucial. Chalmers University of Technology is ideally placed to make a substantial and valuable contribution.

As a foundation university, we have greater freedom to take the lead and go one step further. We have a long tradition of close collaboration with other universities, industry and the community and we aim to build on this to ensure we are the preferred partner in every discipline and in every aspect of our work. Through national and international collaboration, we can maintain a consistently high level of quality in the long term and accelerate societal development.

We have high ambitions and strict demands when it comes to quality, whether it be in education and research or the manner in which we utilise the outcomes. We establish the right conditions for research; not just basic research, but also research driven by specific needs or a sense of curiosity. By doing so we can maintain our high international standards. Long-standing cooperation between Chalmers and the Students’ Union is paving the way for the development of educational quality both now and in the future. It also presents an opportunity for students to develop extracurricular skills that complement their academic achievements.

A university is the sum total of its employees and students. Inspirational environments stimulate resourcefulness and the resolve to approach issues in new ways. These environments require long-term stability, generating the assurances and confidence that are pivotal if we are to have the tenacity and acumen to enter new areas.

We know what we want and we know what we are capable of. I am firmly convinced that Chalmers, with our new vision and strategies as a platform, will assume an even more significant role in promoting and maintaining a sustainable future.

June 2016

Stefan Bengtsson
PRESIDENT AND CEO
WE KNOW WHY WE ARE HERE

As a university of technology and science, our mission is to produce and disseminate knowledge, expertise and solutions to the benefit of everyone, both individuals and society as a whole. This is made possible through course programmes that prepare our students for the future, research that is conducted at the international forefront, and close, open and meticulously crafted alliances with industry and the public sector. As a university and a widely recognised and respected partner, we can work with others to make a genuine difference in our pursuit of a sustainable future.
Graphene is a layer of carbon just one atom thick.

Graphene is the Superman of the Carbon World. It is strong, flexible, bendable, stable, and light. It also conducts heat and electricity. The only thing that keeps you from using graphene for is your imagination. Examples include bendable screens for phones, and low-temperature superconductors.
DIGITALISATION IN EVERY AREA
WE KNOW THE WORLD IS CHANGING RAPIDLY

In an ever-changing world, the importance of knowledge, insight and flexibility is growing and new opportunities are constantly unfolding. In the lead up to the Chalmers bicentenary in 2029, both we and the wider world will be affected by a whole host of globally significant societal challenges. This applies not only in relation to climate, energy and urbanisation, but also to health, security and education. Accelerating technological change and the emergence of digitalisation in virtually every area, are the driving forces behind novel forms of entrepreneurship and innovative business models.
The capacity to identify and interpret key social issues and trends at an early stage is vital to Chalmers. We must constantly be one step ahead and be prepared to contribute with the right knowledge, expertise and solutions.
Keener competition in the university sector and new forms of learning highlight the importance of taking the lead and testing novel working methods.
WE KNOW WHAT WE WANT

CHALMERS – FOR A SUSTAINABLE FUTURE is our vision. It defines our most important focus – a vibrant and dynamic vision of the future in which the fate of humanity is in the balance. Through this vision, we will seek to meet the need for ecological, social and economic sustainability in a committed, innovative and pioneering way. We are proud of our accomplishments and our aim is to serve as a model internationally.
IN THE *LOCAL AND GLOBAL COMMUNITIES*, CHALMERS – FOR A SUSTAINABLE FUTURE MEANS:

- We contribute to attaining UN sustainability targets, both locally and globally.

- We collaborate with others to find solutions to the growing and increasingly complex challenges facing the world.

FOR US, CHALMERS – FOR A SUSTAINABLE FUTURE MEANS:

- Each and every one of us assumes responsibility for the strict observance of sustainability principles in our day-to-day work.

- We are able to set priorities and adopt a long-term approach when making choices and decisions.
CHALMERS FOR A SUSTAINABLE FUTURE
SUSTAINABLE FUTURE
OBJECTIVES

Sought-after skills  Chalmers students gain access to education and a learning environment that enables each individual to acquire valuable, sought-after skills. At the same time, they develop insight and an approach that give them the courage and potential to work nationally and internationally. With the ability to combine knowledge, skills and understanding, their value is recognised quickly in industry and the community.

International research  Chalmers’ research is driven by ideas and challenges. With considerable breadth yet consistently at the cutting edge, research is developed in partnership with the foremost experts within each discipline. This is just one of the reasons behind the considerable international impact of research at Chalmers.

Committed to the community  Chalmers is an active and committed member of the community. We drive key issues and assume responsibility for areas in which we can contribute or where we have a particular role to play as an independent body. As a key partner to industry and society, our contribution is universally acknowledged.

Equality and diversity  Chalmers is an attractive environment for a broad spectrum of students and staff. We work actively to promote equality and diversity in staff recruitment and the student admission process. A broader platform gives us the opportunity to achieve a higher level of quality in every area.
QUALITY
OPENNESS
PARTICIPATION
RESPECT
DIVERSITY
WE KNOW WHAT WE STAND FOR

Chalmers’ education and research has been at the forefront in social development for almost 200 years – from the founding in 1829 of Chalmersska Slöjdskolan, an industrial school for poor children, through to the Chalmers University of Technology of today. As a renowned university with a strong brand and high international ambitions, our five fundamental values – quality, openness, participation, respect and diversity – are reflected in everything we do. These values have evolved over time and guide us in every aspect of our work. Whilst not unique, in the Chalmers context they are deep-rooted and highly relevant.
When, as individuals we live up to our values, we become clearer and more consistent in our work and our ambitions. We generate the right conditions for creativity, commitment and curiosity, and we enhance the public perception of Chalmers as a responsible and attractive university that is consistently in step with the times.

FUNDAMENTAL PRECEPTS FOR US AS A UNIVERSITY:

- Our work has a firm scientific foundation.
- We engage in free and open dialogue.
• Our academic freedom and our responsibility ensure integrity and objectivity with regard to results, methods and publication of our research findings and with no restrictions on the choice of research topic.

• We adopt a sustainable, long-term approach in our decisions and strategies.

• Our conduct is ethical and sustainable – internally, locally and globally.

• We are morally and intellectually independent of political, religious, ideological and economic power bases.
WE KNOW THE VALUE OF QUALITY

We do not settle for simply being good. Our sights are set much higher, as we strive to achieve world-class quality marked by consistent international success. Our quality standards apply equally to employees and students.

If we are to build on our personal creativity and reach our full potential, we need to feel part of a broader context. The conditions for each individual to go one step further are created within inspirational environments that offer the scope to utilise a range of driving forces to ensure full effect.
STRATEGIES FOR ACHIEVING HIGHER QUALITY:

• **LEADING POSITION** Have the courage to invest in new and bold environments where we aim to lead.

• **APPEAL** Invest in the faculty in order to promote quality and long-term thinking, striking a balance between research and education. Develop leadership and employeeship that inspire, instil a quality culture and attract students and expertise from outside.

• **INTERNATIONALISATION** Raise our level of internationalisation in research, education and utilisation to secure intellectual exchange and new stimuli.

• **MOBILITY** Increase mobility at the individual level, both nationally and internationally, and step up our exchange with institutions, industry and the public sector.

• **ORGANISATION** Continually develop our matrix organisation in a manner fitted to purpose in order to integrate the departments’ subject focus, our Areas of Advance and the central coordination of the student and programme perspective in bachelor’s programmes and master’s programmes.

• **CHALMERS ENVIRONMENT** Establish inspirational environments that foster creativity among employees and students. Invest in our study climate and our learning environments – physical, digital and educational.

• **INNOVATION SYSTEM** Utilise a cohesive innovation system to develop and strengthen entrepreneurship among students and researchers. Increase our capacity to collaborate with industry and society in general in order to strengthen Sweden’s competitiveness.
FROM VISION TO REALITY

Chalmers’ vision and strategies are formulated in concrete terms each year as part of the document Prioritised Operational Development and are then broken down into action plans at the various organisational units. It is through the students and staff at Chalmers that our vision and objectives are brought to fruition.

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