BECOME A CHANGE AGENT.
JOIN CHALLENGE LAB
As a Master’s student you will be taking on the planet’s biggest challenges together with the public sector, the private sector and the rest of academia.

Make a difference
Proactive and committed people from different academic and cultural backgrounds interact in our open working space at the Johanneberg Science Park. The goal is to transform the way we live together, and create a planet where 10 billion people can enjoy a good life within our planetary boundaries.

Prep course and Master thesis
We invite Master’s students from all disciplines to apply to Challenge Lab. You will begin your journey by taking the 7.5 credit Master’s level Leadership for Sustainability Transitions course. This course is not compulsory, but will give you priority if you decide to apply to the Master’s Thesis.

Tools and support for change
We will provide you with all the necessary tools, methods and support to explore and define complex challenges and act upon your findings. You will become a change agent, responsible for bringing industry, academia and the public sector together. You will learn about and practice multi-stakeholder dialogue methods that reveal the drivers and barriers for change. You will be taught how to challenge the existing system as well as understand other perspectives.

Define the desired future
At Challenge Lab we use the backcasting method to enable us to solve the major challenges. The first step is to define criteria for a sustainable future. Then the relevant stakeholders will explore what steps need to be taken in order to reach that future, instead of trying to

"Everyone can fit in here. It’s a really diverse group of different cultures, different values and strengths and we all work together. We bring our multiple perspectives and combine them, which really is important for creating a sustainable world."

KONSTANTIN MINA, Master’s student in Design and Construction Project Management.
predict the future based on current trends. We use design thinking in combination with relevant tools to access needs and behaviors.

**Explore your driving forces and values**
Challenge Lab gives you the opportunity to explore your own driving forces and values and develop your inner leadership abilities. By doing so you will be well equipped to make changes towards a sustainable world.

**Design your Master’s thesis**
During your first term at Challenge Lab, you will all work together. You will collaborate with students from different academic backgrounds from all over the world.

The goal is to understand a specific challenge – from a system and sustainability perspective as well as at a strategic level. This will give you an understanding of what needs to be done to achieve the best impact. The next step will be to define which issue you want to work with for your Master’s thesis.

**The Challenge Lab Master Thesis**
Your Master’s thesis topic is established through the lab process and will focus on solving complex sustainability challenges that are relevant to you and our local contexts.

The Challenge Lab allowed me to investigate my own values, by using the inside out perspective. It also facilitates the interaction with experts and professionals from several backgrounds and hierarchical levels. All of this takes place in a dynamic environment with other students from all over the world.

**AMANDINE LAUMONT**, Master’s student in Sustainable Urban Development

**GUILLERMO SIBAJA**, Masters’s student in Design and Construction Project Management
Citizen involvement, a circular economy and a solar energy investment model

Previous thesis have covered topics like:

- Citizens as change agents for a fossil free region
- A tool that enables consumers to measure whether they should invest in solar energy
- Circularity for creating sustainable corporate value
- A structure for preventing contaminated storm water flooding
- A public transport application – how gamification can be used to promote the use of electric buses for a sustainable future
- Biodiesel: Drivers, Barriers, Networks and Key Stakeholders
This is one of the most inspiring courses I have taken at Chalmers. We start by figuring out what is important for humanity. Then we identify the problems. Instead of getting a predefined question, we define the question on our own and then try to find solutions.

ERIK WALLNÉR, Masters’s student in Sustainable Energy Systems
**My driving force is to be a transformative leader who is inspiring and intellectual. A leader with good self-confidence who guides, coaches and has high expectations of myself and others for a common goal and vision.**

TANIA JADAAN, Master's student in Design and Construction Project Management.

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**Steps for joining Challenge Lab**

1. Apply to the elective course on Leadership for Sustainability Transitions (ENM145) via the Chalmers Student Portal. For assistance with the application procedure, please contact the Student Centre. This course is not compulsory, but students who take it will have priority when applying for the Challenge Lab Master’s Thesis.

2. Apply to the Challenge Lab Master’s Thesis via www.challengelab.org.

For more information: contact@challengelab.org

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**I want to change the world. Challenge Lab is the future. It’s as simple as that.**

AMANDINE LAUMONT, masters in Sustainable Urban Development

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**THE CHALLENGE LAB TEAM**

**John Holmberg**
Founder of and a Lecturer at Challenge Lab. Vice President of Chalmers, responsible for sustainable development. John is a Professor of Physical Resource Theory and holds Sweden’s first UNESCO Chair in Education for Sustainable Development.

**David Andersson**
Coordinator at Challenge Lab. Coordinator and Lecturer at MORE (Management of Organizational Renewal and Entrepreneurship) at the Department of Technology Management and Economics.

**Kamilla Kohn Rådberg**
Project Manager at Challenge Lab. Researcher at MORE (Management of Organizational Renewal and Entrepreneurship) at the Department of Technology Management and Economic.

**Örjan Söderberg**
Lecturer and Strategic Developer at Challenge Lab. Senior Lecturer and Programme Director for industrial Design Engineering and member of the Department of Design and Human Factors.
Challenge Lab Application Process

We invite master students from all programs at Chalmers University of Technology, including ERASMUS students, and Gothenburg University to apply. Questions at contact@challengelab.org

Complete Pathway*  
Course and Master Thesis  
*Highly recommended

Course Pathway  
Challenge Lab Pre-course  
Chalmers Student Portal  
Entry registration for course  
19 Apr. 16  
10 May. 16  
Registration for course  
12 Sept. 16 – 04 Oct. 16  
Course Leadership for Sustainability Transitions (SP2)  
31 Oct. 16 - 14 Jan. 17

Thesis Pathway  
Challenge Lab Master Thesis  
Challengelab.org  
Challenge Lab Open House  
09 May 16  
12 Sept. 16  
Apply to the Challenge Lab Master Thesis via challengelab.org  
10 Oct. 16 (Last day)  
Interviews to selected students  
13 Oct. 16 – 28 Oct. 16  
Announcement on the selection process  
05 Nov. 16  
Information meeting for selected students  
15 Nov. 16  
Challenge Lab Master Thesis  
16 Jan. 17 - 22 Jan. 17