

Climate framework for Swedish HEIs

39th Conference of
Rectors and Presidents of
European Universities of Technology

Fredrik Hörstedt, Vice President for Utilisation and Sustainable Development
Sep 18, 2021

CLIMATE FRAMEWORK

FOR HIGHER EDUCATION INSTITUTIONS

A Climate framework for higher education institutions, with the aim of engaging universities and university colleges in Sweden to contribute to the national and international commitment to limit global warming to 1.5°C target.

Higher education institutions (HEIs) are facing a change. We have an important task but we also need to contribute by reducing our own climate impact. The HEIs that have signed this framework have prioritised this as a key and prioritised issue. We undertake the following:

- We will through education, research and external engagement help society as a whole to achieve set targets.
- We will work to reduce our own climate impact in line with society's commitment as expressed in national and international agreements.
- We will, based on our HEI-specific conditions, set up far-reaching targets for climate-related work and also allocate resources so that we can achieve these targets and conduct follow ups.
- We will clearly communicate our climate-related work in order to inspire and spread knowledge to other organisations and members of society.

The Climate Framework includes the following among other things list a number of action items for each institution within their local circumstances. Each institution will focus on their local circumstances. Each institution will focus on the following areas: education, research, energy use since they are considered key areas.

Signatures of the vice-chancellors

CLIMATE FRAMEWORK

FOR HIGHER EDUCATION
INSTITUTIONS-GUIDELINES

- We will through education, research and external engagement help society as a whole to achieve set targets.
- We will work to reduce our own climate impact in line with society's commitment as expressed in national and international agreements.
- We will, based on our HEI-specific conditions, set up far-reaching targets for climate-related work and also allocate resources so that we can achieve these targets and conduct follow ups.
- We will clearly communicate our climate-related work in order to inspire and spread knowledge to other organisations and members of society.

CLIMATE FRAMEWORK

FOR HIGHER EDUCATION INSTITUTIONS

CLIMATE FRAMEWORK

FOR HIGHER EDUCATION
INSTITUTIONS-GUIDELINES

Contents

| | | | |
|---|---|--|----|
| Introduction | 4 | 7. Purchasing and procurement of goods and services | 8 |
| Contents | 4 | 8. Investments | 8 |
| Key areas for HEI-specific measures and external engagement..... | 5 | 9. Carbon sinks | 8 |
| 1. Business trips..... | 5 | 10. Education | 9 |
| 2. Commuting, trips to and from work | 6 | 11. Research | 9 |
| 3. Food and food services..... | 6 | 12. External engagement and societal impacts ... | 9 |
| 4. Energy consumption | 6 | 13. Students | 10 |
| a) Operation of the property portfolio..... | 6 | Follow up and results..... | 11 |
| b) Research and education activities..... | 7 | HEI-specific organisation and follow up..... | 11 |
| 5. Property portfolio, new construction and rebuilding..... | 7 | Analysis of emissions | 11 |
| 6. Waste management..... | 7 | Commitment to and follow up of Climate Framework..... | 11 |

Background and process

- The need for climate strategies at Chalmers and the Royal Institute respectively in 2018
- A joint 'Climate Framework' for strategy formulation at Chalmers/Royal Institute
- Opening up and co-creation of the framework
- The joining of 38 Swedish HEIs in 2019
- Association of Swedish HEIs to adopt the Climate Framework in Oct 2021

CLIMATE FRAMEWORK FOR HIGHER EDUCATION INSTITUTIONS-GUIDELINES





Chalmers' climate strategy

- Rooted in the Climate Framework, focuses on 7 areas (out of 13)
- Decided by the President in May 2020
- Broad involvement from faculty, management and support staff, +200 people involved, everyone could contribute
- Strategic initiatives and objectives in each area
- Goal to reduce net emissions of greenhouse gases to half 2030 and to zero 2045, and to stronger align research, education and innovation to the climate transition





CHALMERS
UNIVERSITY OF TECHNOLOGY



CHALMERS
UNIVERSITY OF TECHNOLOGY