

The influence of Universities on the effects of climate change

Munich University of Applied Sciences, Germany. A case study.

OUR ASSETS AS UNIVERSITY

18.500 Students at Munich University of Applied Sciences select their studies out of 92 study programs offered by 14 different departments, such as engineering, economics, social sciences, design, and entrepreneurship. Additionally, we focus on sustainable, international, intercultural and scientific education, all combined with practical relevance.

OUR FIELDS OF ACTION

We strengthen sustainability across our university in the fields of teaching, research, transfer, governance, operation, and student initiatives (whole institution approach).

MITIGATION

ADAPTATION

1

Teaching

- Focus on climate change and sustainability
- Public Climate School
- Executive department for innovative teaching including Team N
- Program for education for sustainable development
- HM as Observer
- HM-Lectures for Future

2

Research

- CENERGIE – research institute for energy efficiency in buildings and quarters
- ISES - Institute for Sustainable Energy Systems
- Research on recycled concrete
- IMB - Institute for material and construction

3

Transfer

- UnkEL association
- Summer School in Engineering for Sustainability
- Sustainable real projects in cooperation with the Strascheg Center for Entrepreneurship
- SEA - Social Entrepreneur Academy
- M:University
- LAK – regional student representation

4

Governance

- Strong support by HM administration
- Support program for teaching innovation
- University guidelines on how to address sustainability in teaching and research
- Founder of NHNB – Regional university sustainability network

5

Operation

- climate neutral classroom
- working groups for sustainability
- Ecosia on Campus
- Regenerative energy production with solar panels
- Energy consumption monitoring and on-campus visualisation

6

Student initiatives

- RNE – HM department for sustainable development
- Network Students for Future
- Ecosia on Campus
- Team N sustainability taskforce
- Sustainable focus in faculty of business administration

OUR NEXT STEPS



FEEDBACK



Implementation of HM sustainability strategy



HM sustainability facility management experts



HM green office, sustainable office and management



HM sustainability networking



HM waste sorting



WHO WE ARE

Emma Steger
Head of Sustainable Development Unit
emma.steger@hm.edu

Leon Unewisse
Teaching assistant UNFCCC
leon.unewisse@hm.edu

Anna-Maria Steil
Students assistant UNFCCC
asteil@hm.edu

Prof. Dr. Georg Zollner
Sustainability officer
georg.zollner@hm.edu

Prof. Dr. Thomas Ackermann
Designated contact point UNFCCC
thomas.ackermann@hm.edu