



# Sustainable UG

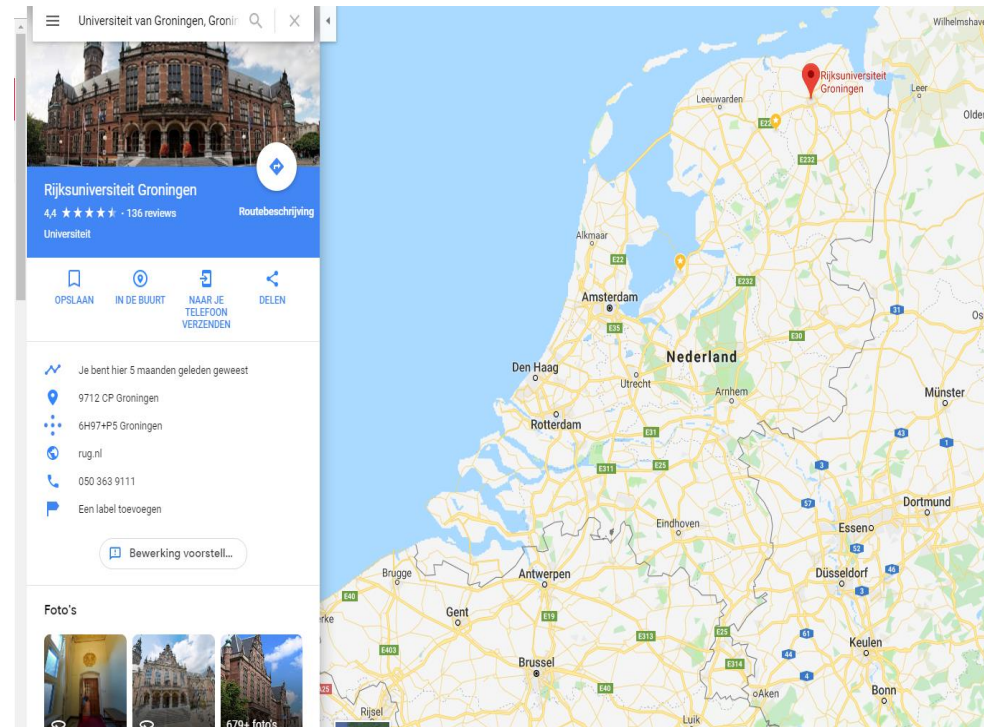
People, planet, performance

April 2019



# Facts & Figures

- › Located in the north of the Netherlands in the city of Groningen
- › 400 years young
- › 11 Faculties
- › 33.000 students



- › 6000 employees
- › About 120 buildings total gross area

# Impression of the Buildings



# Roadmap sustainability 2015-2020

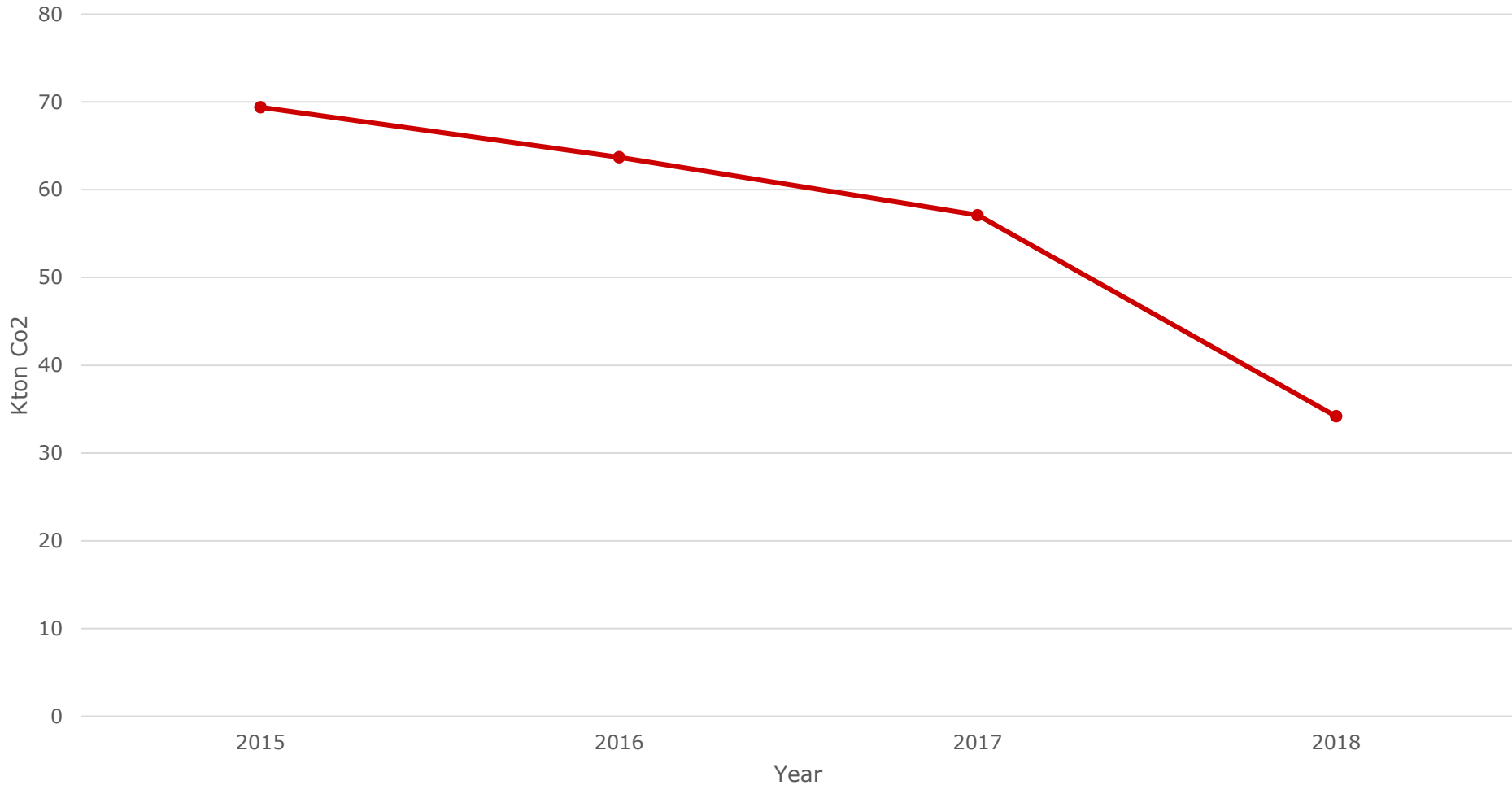
## UG Sustainability Goals 2015 - 2020



# UG CO<sub>2</sub> footprint 2018

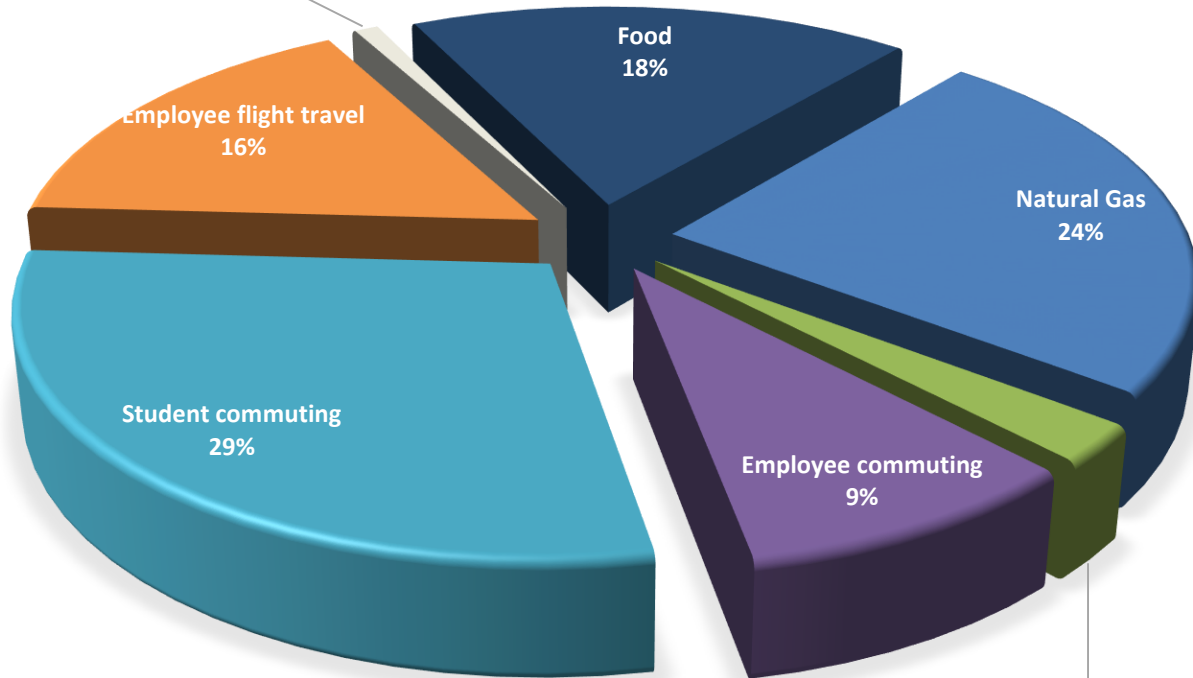


UG CO<sub>2</sub> footprint in Kton



Residual Waste

## CO2 EMISSION PER CATEGORY 2018; TOTAL: 34.1 KTON

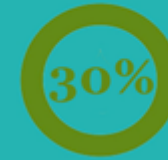


- Natural Gas
- Student commuting
- Food
- Purchased heat (warmtelevering)
- Employee flight travel
- Residual Waste
- Employee commuting

Purchased heat  
(warmtelevering)  
3%

# Energy

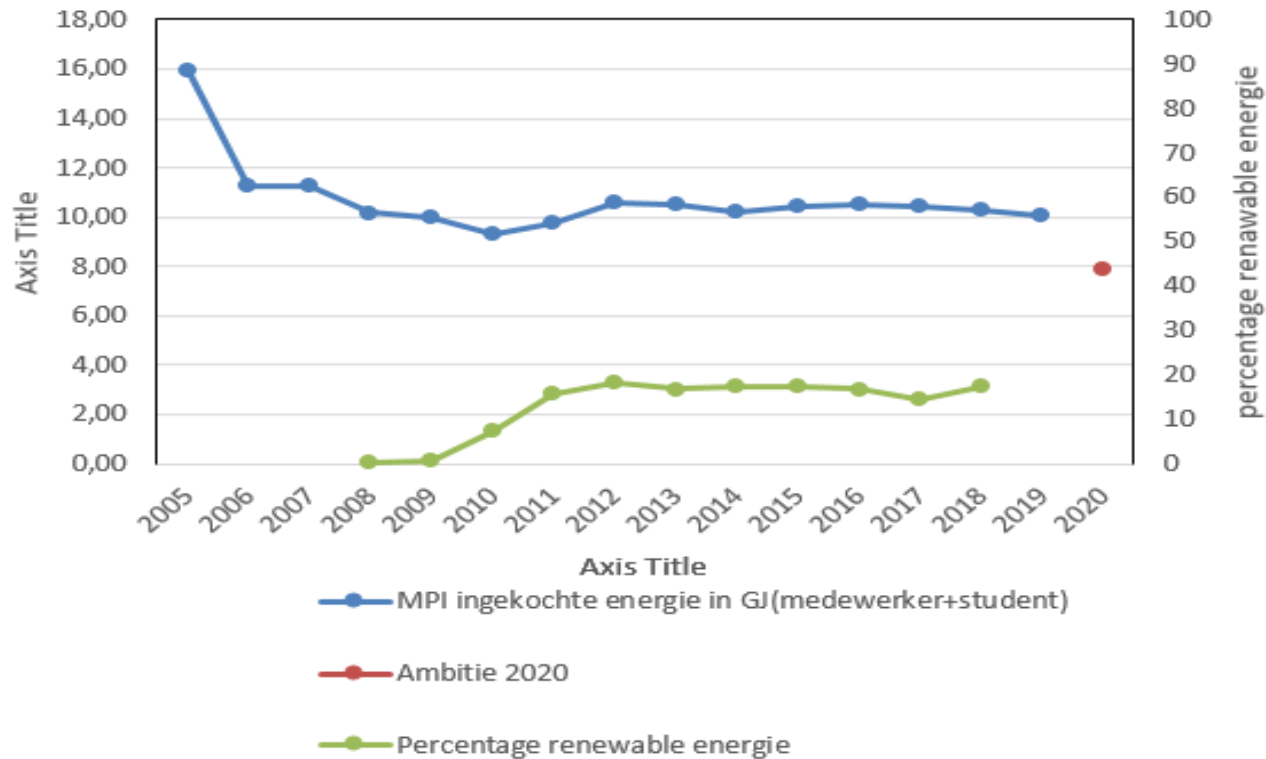
5. save 30%  
 on energy use



6. 25% of  
 energy renewable



MPI ingekochte energie GJ/medewerker+student

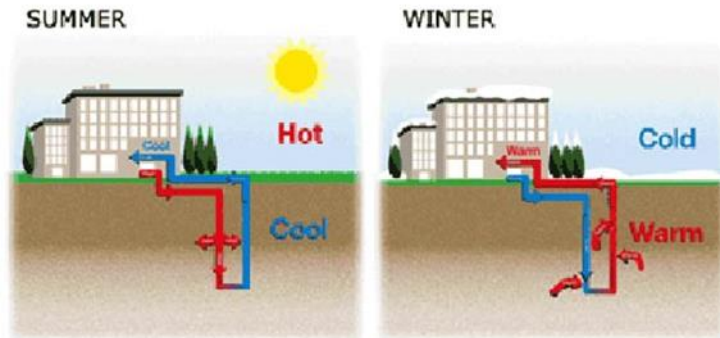


# Renewable Energy

6.25% of  
energy renewable



- 1700 solar pannels: 540 MWh about the same as 120 households
- In 2019 2250 solar panels 660MW/jaar
- In total in 2019: 1290 MW
- Upgraden windmil
- Upcoming year 2 new underground energy storage systems (saves up to 33 %)



# Water conservation

## Waste water management

- Laboratories: ban on discharging chemicals; monitored
- Waste water treated in the local city water treatment plant



# Rainwater conservation

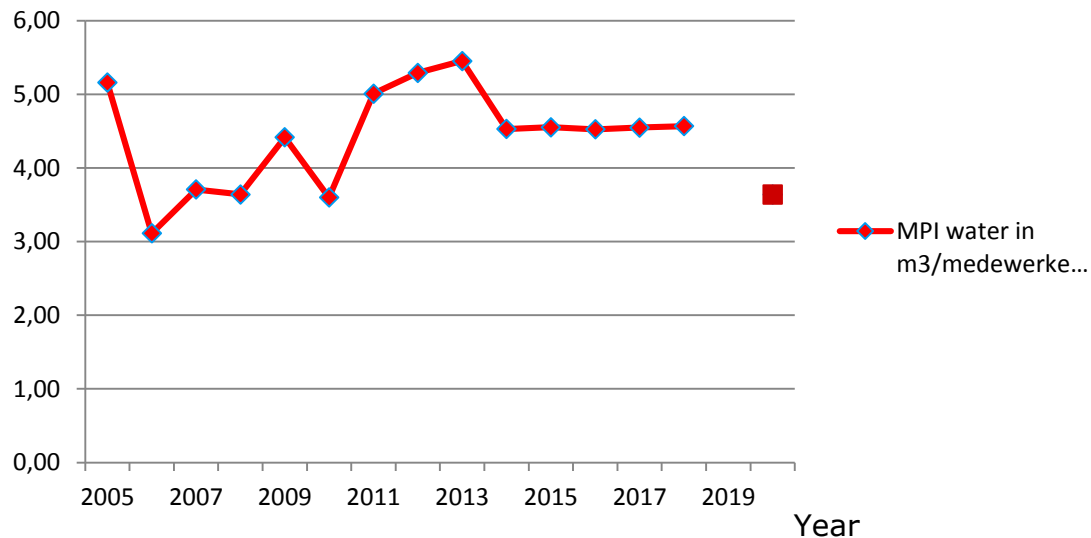
> Green roofs:



> Separation of rainwater and waste water

# Drinking water

Environmental performance indicator water in  
 m3/(employee+student)



## Actions:

- Installing water free toilets
- Flush stop on every toilet
- Water saving faucets
- In some buildings the use of rainwater to flush the toilets

# Water tappoints

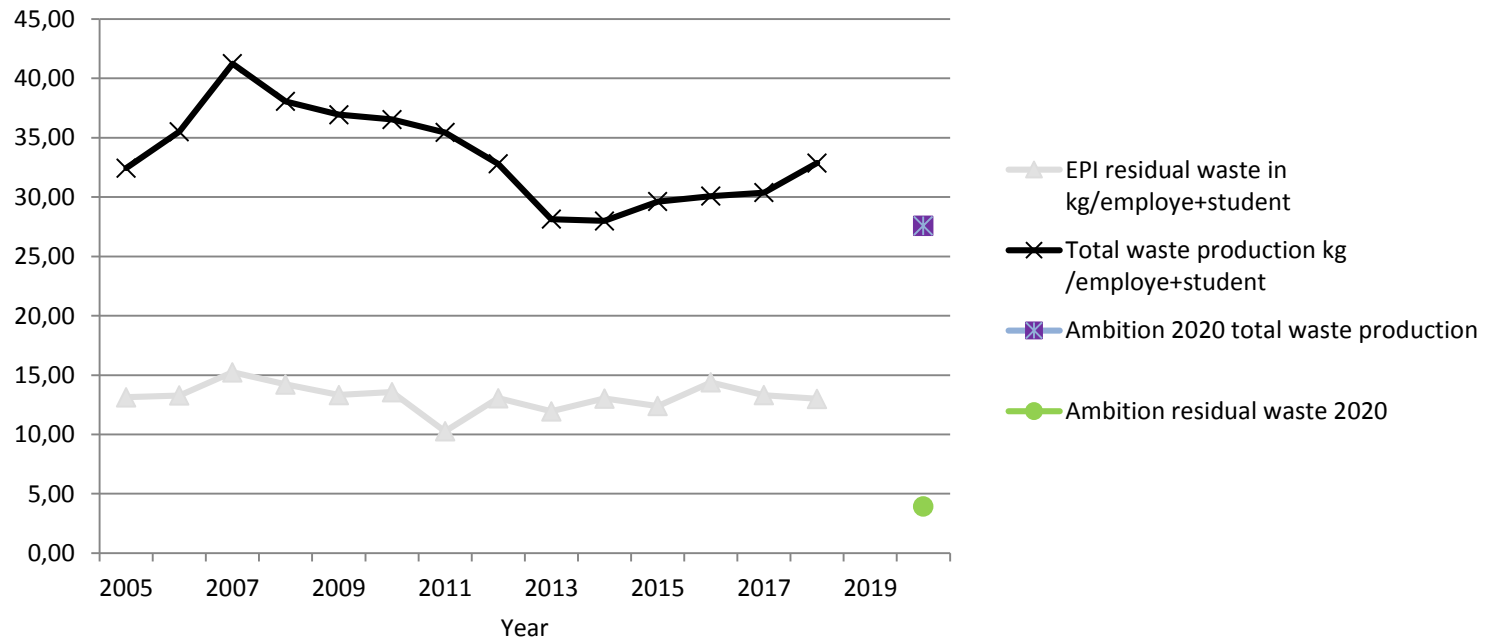




# Waste reduction



EPI waste in kg/employee+student



# Promote sustainable Mobili

13. mobility



Current situation:

> estimated around 16,000 use the bike.

Aim is to increase the percentage cyclists,  
relative to the total population, in 2020.



# People



## People: University of Groningen will be healthy and dynamic by 2020

- promote the long-term employability of staff
- promote inclusiveness
- focus on vitality and empowerment of students and staff
- promote long-term mobility

# Performance



Performance: from profits to value by 2020

- integrate sustainability into the teaching curricula and research projects
- aim for 100% sustainable purchasing, with consideration for working conditions and human rights
  - Sanitair
  - New waste collection system
  - Coffee tea
- improve communication with staff and students about sustainability, by promoting and supporting events, symposia, lectures and courses relating to sustainability

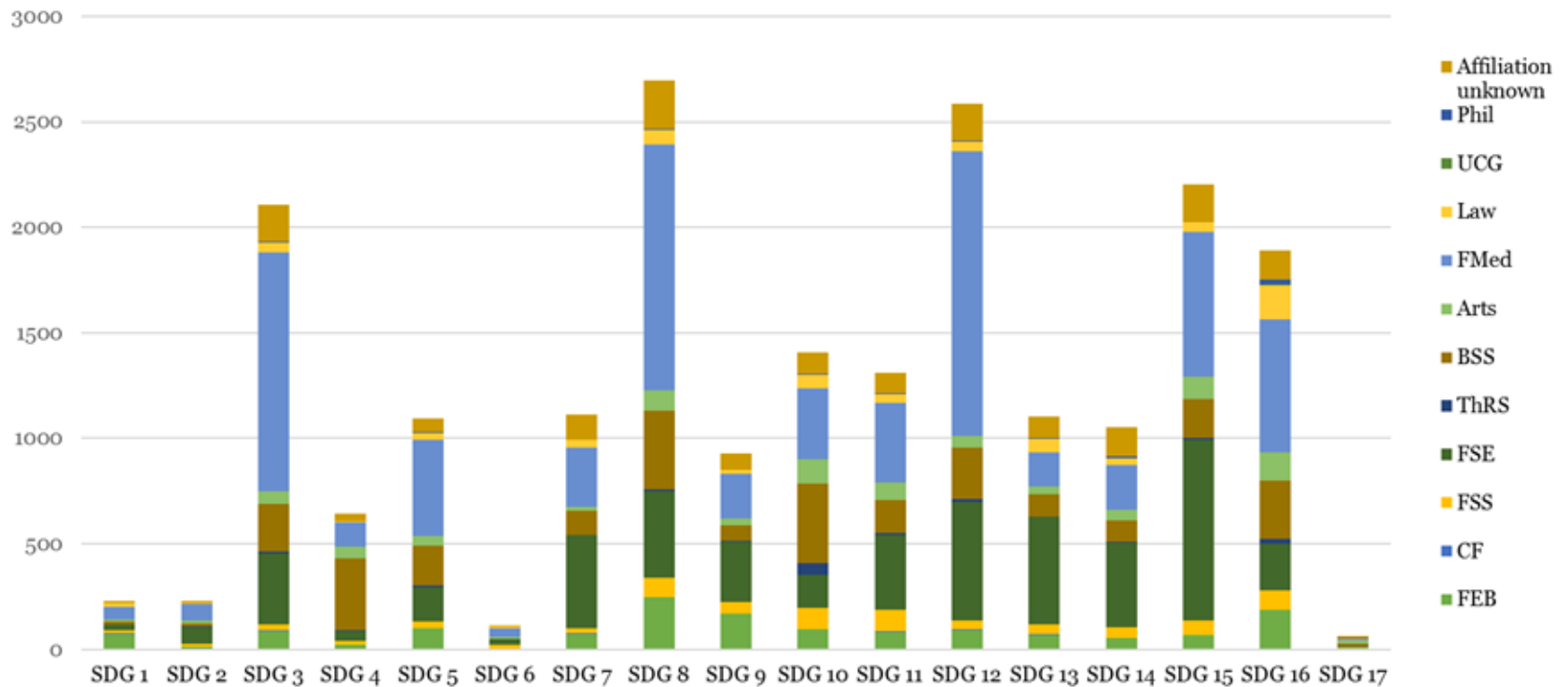
# Research and Education

- › Labelling courses and programmes
- › Implementing a website around SDG's
- › Organizing a Summer School for lecturers
- › Sustainable Education Event



# Sustainable Development Goals

Faculties per SDG



SUSTAINABLE DEVELOPMENT GOALS

# Sustainability Ambassador



WHY WOULD YOU BE A  
**SUSTAINABILITY**  
AMBASSADOR?

 **ORGANISE EVENTS**  
Inspire students and staff members from  
your faculty to live more sustainably.  
Organise a lecture or workshop!

**NETWORK**  
Get to know the university better and  
meet other colleagues or students. 

 **SAVE THE WORLD**  
You can make the world a better  
place by making it more sustainable.  
It starts with you!

**COMMUNITY**  
Be a part of the sustainable community  
of the university. Your chance to meet  
like-minded people! 

 **2 HOURS A WEEK**  
Saving the world doesn't take up that  
much time. Just with 2 hours a week  
you can make a change!

**Sign up now!**

# Team challenge

