



Sustainable UG

People, planet, performance

May 2019 Humane Summit Utrecht

Dick Jager Program manager for Institutional Sustainability, University of Groningen

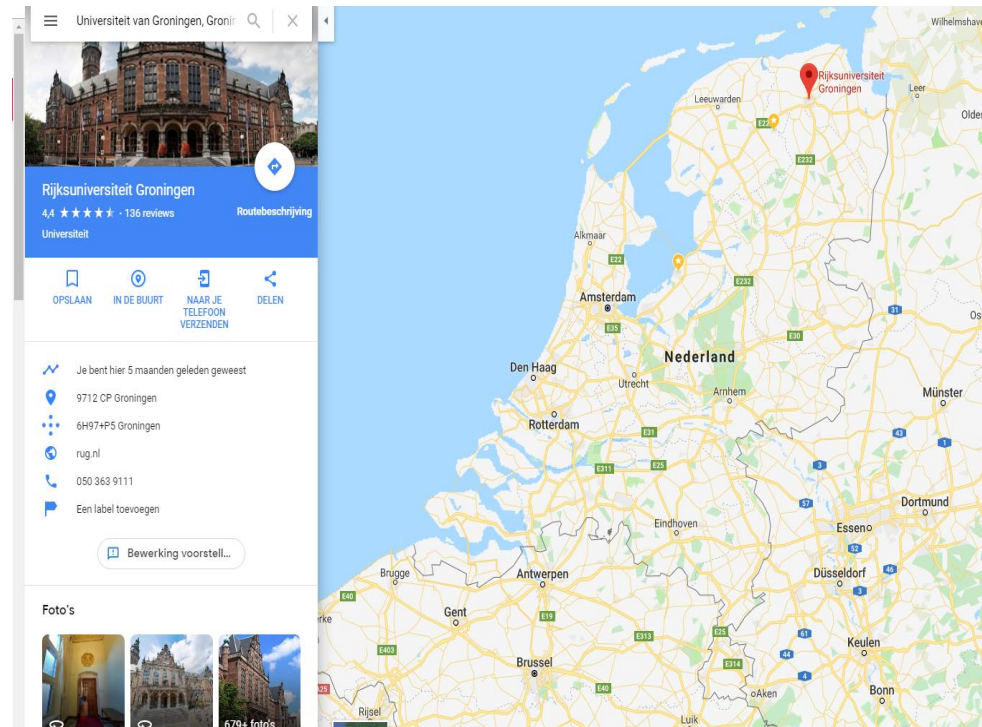
Dr. Joanna Gusc Chair Sustainability Sounding Board

Gap



Facts & Figures

- › Located in the north of the Netherlands in the city of Groningen
 - › 405 years young
 - › 11 Faculties
 - › 33.000 students
-
- › 6000 employees
 - › About 120 buildings
 - › total gross area 455.000 m²



Impression of the Buildings



Green Office

Professionals



Students



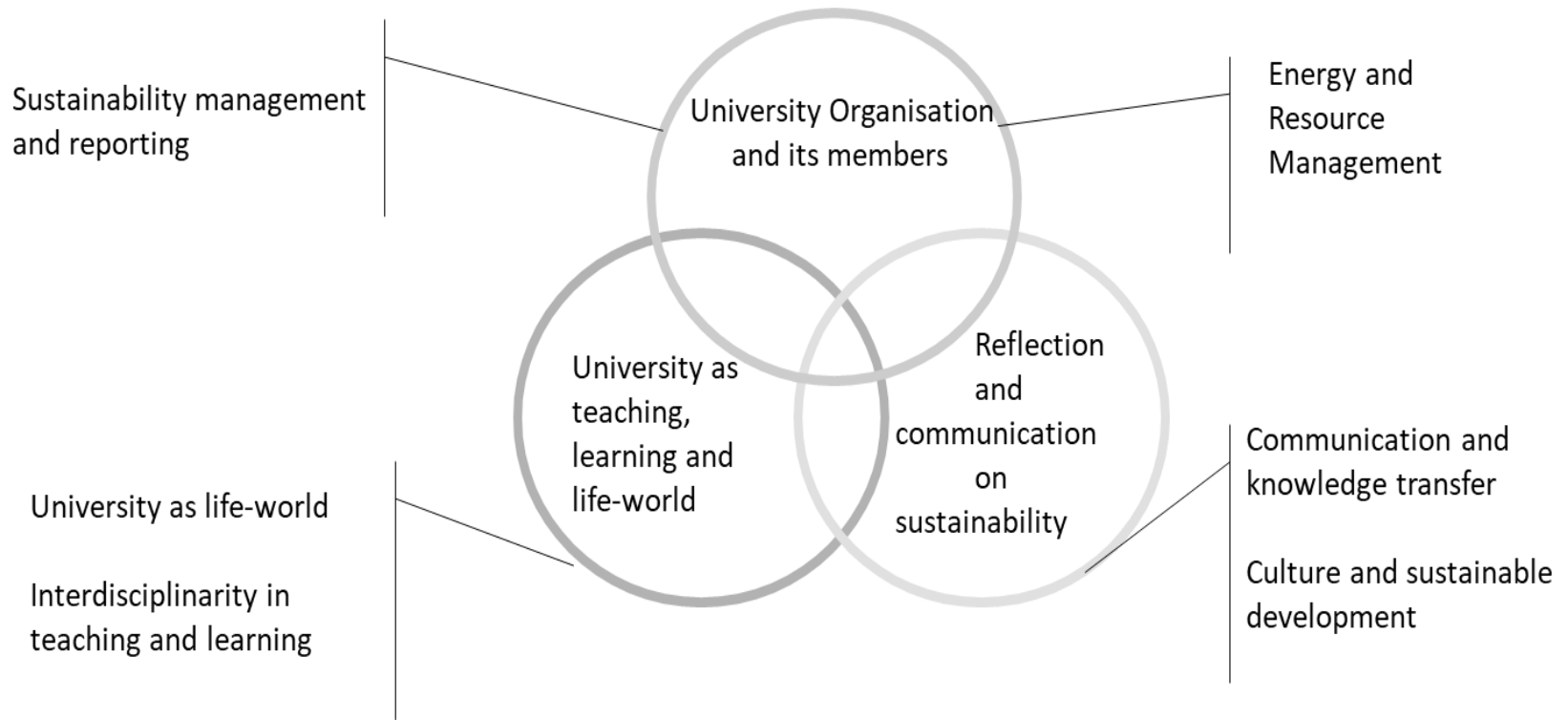
Advisory Board

Sustainability Sounding Board



Chair Dr. Joanna Gusc Faculty Economics and Business
(Sustainable Education, True Cost Accounting)

- 17 members
- Monthly meetings
- Advice and support (expertise) to Green Office
- Advice to the University Board



Roadmap sustainability 2015-2020

The green agenda of the UG

UG Sustainability Goals 2015 - 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

Life long employability

> **Goals:**

- Improved scores employability in Employee Survey
- Participation in activities and projects
- More attention for personal development in annual review interviews
- Increased number of employees engage in training and education
- More applications for support in career development

Planet

4. CO₂ neutral



5. save 30%
on energy use



6. 25% of
energy renewable



7. use less water



8. 15% waste
reduction



9. 70% of
waste
separated



10.4 stars
in breem
system



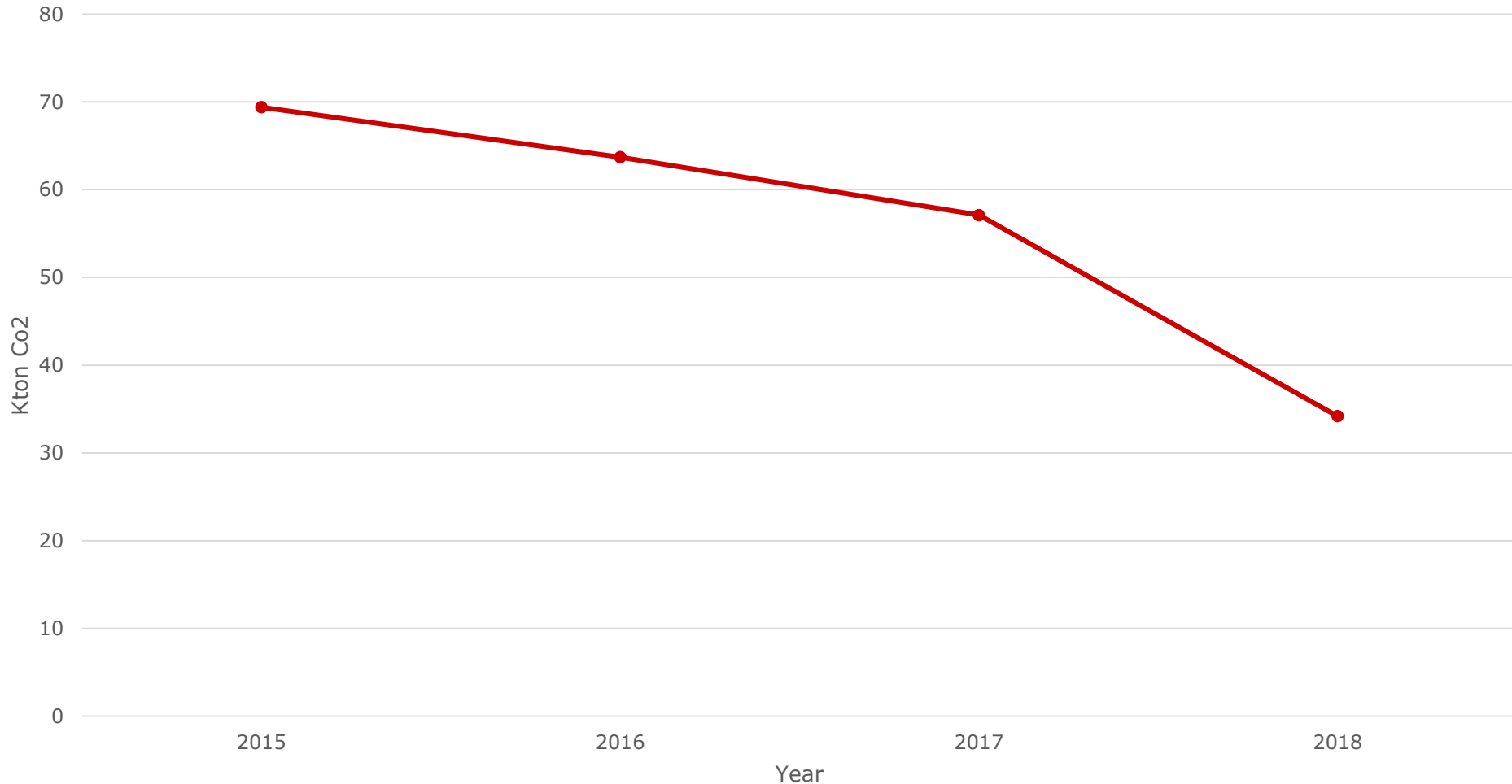
11. biodiversity



UG CO₂ footprint 2018

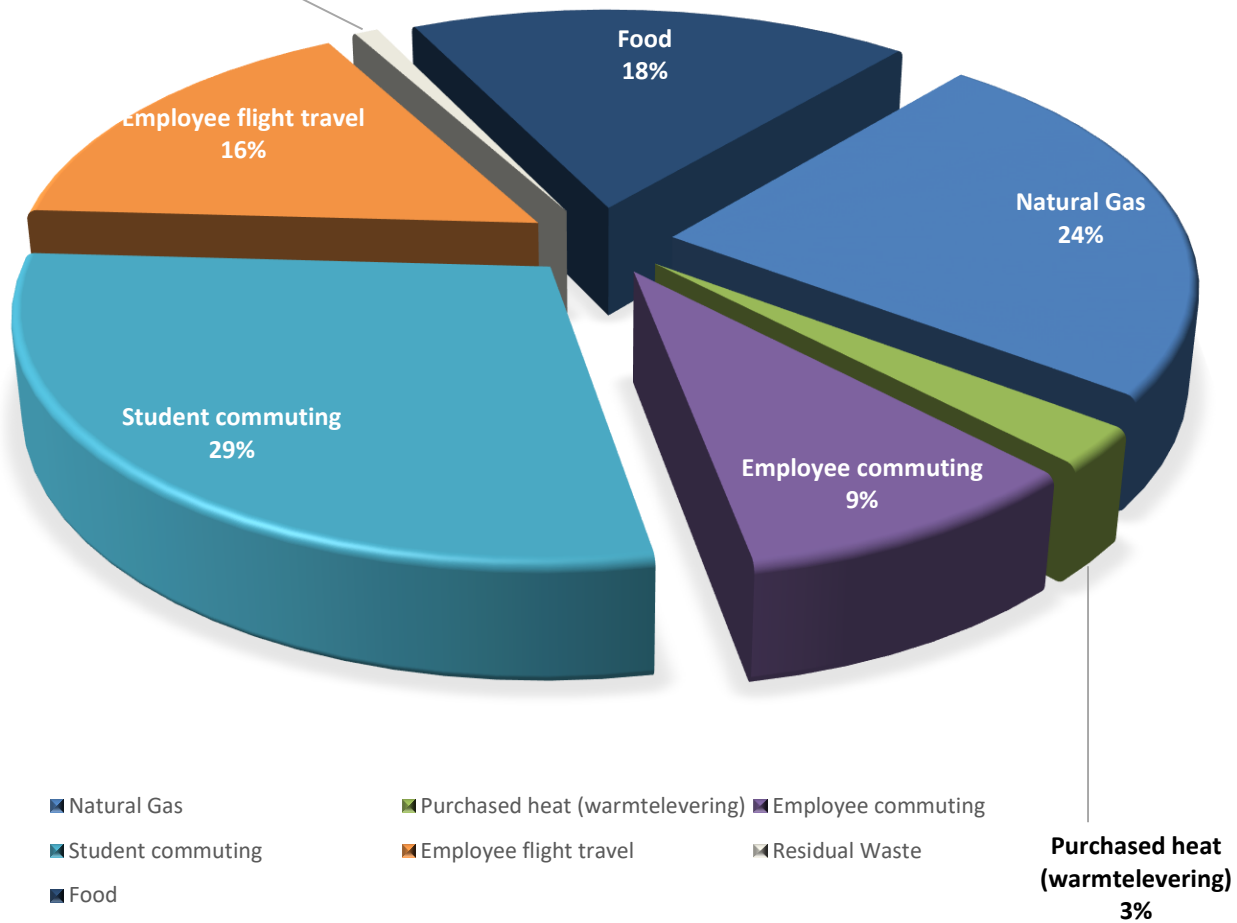


UG CO₂ footprint in Kton



Residual Waste

CO2 EMISSION PER CATEGORY 2018; TOTAL: 34.1 KTON



Energy

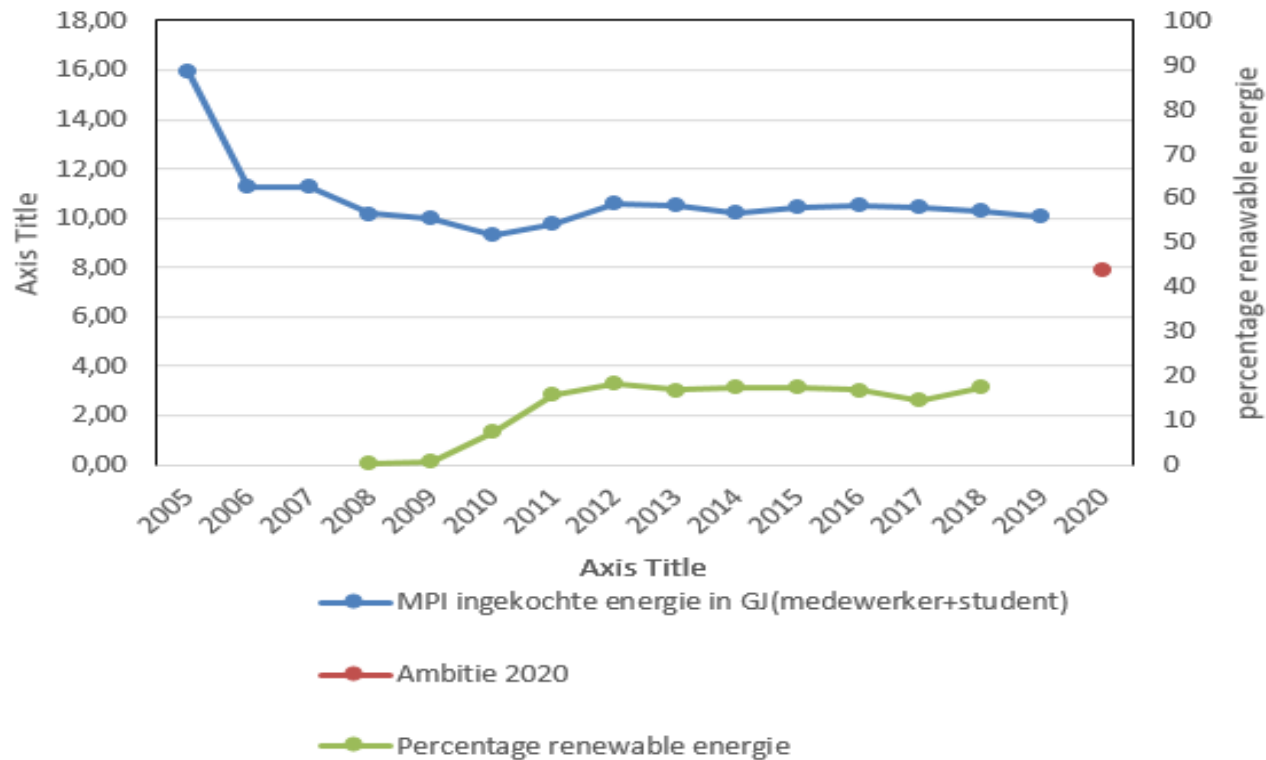
5. save 30%
on energy use



6. 25% of
energy renewable

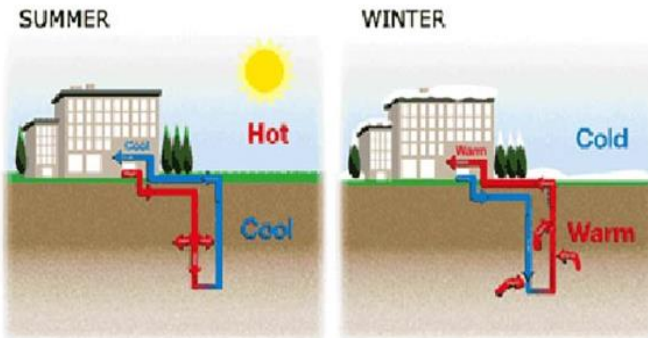


MPI ingekochte energie GJ/medewerker+student



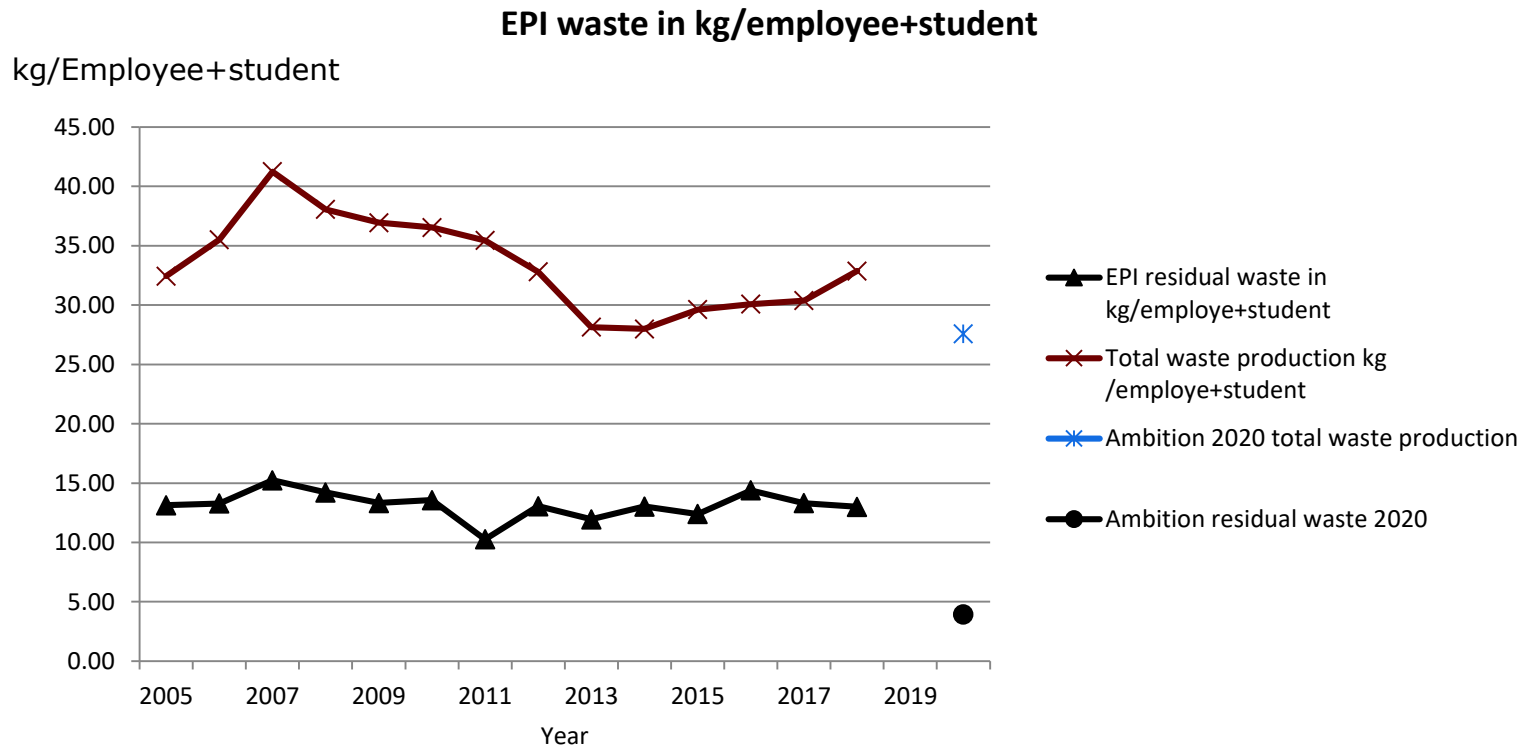
Renewable energy

6. 25% of
energy renewable



Renewable energy	Yield	Avoided CO2 emissions in tons
Geothermal heatpump (2006 – 2016)	ca. 75% natural gas; ca 35% electricity	11.288 tons
Sun power (Realised)	717.367 kwh	377 tons
Sun power to be realised in 2019	582.600 kwh	307 tons
Wind	12.750 kwh, new 25.000 kwh, after 2 year ca. 250.000 kwh	13 tons
Total by the end of 2019	Ca. 1.25 mln kwh	12.000 tons

Waste reduction



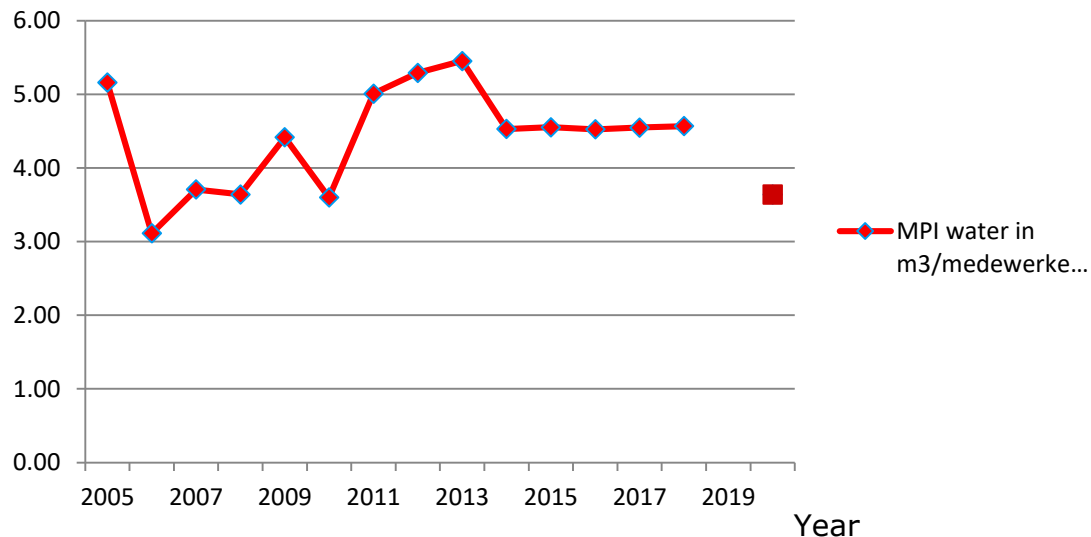


Restaurants	
Organic waste	56,30%
paper and coffee cups	14,60%
plastics	17,30%
residual waste	9,40%
remains	2,40%
TOTAAL	100%

Office	
Organic waste	32%
paper and coffee cups	34,40%
plastics	18,80%
residual waste	10,20%
remains	4,50%
TOTAAL	100%

Drinking water

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

Promote sustainable Mobility

13. mobility



Current situation:

> estimated around 16,000 use the bike.

Aim: increase the percentage cyclists in 2020.



Performance

Performance: from profits to value by 2020

1. education & research



2. communication



12. purchasing



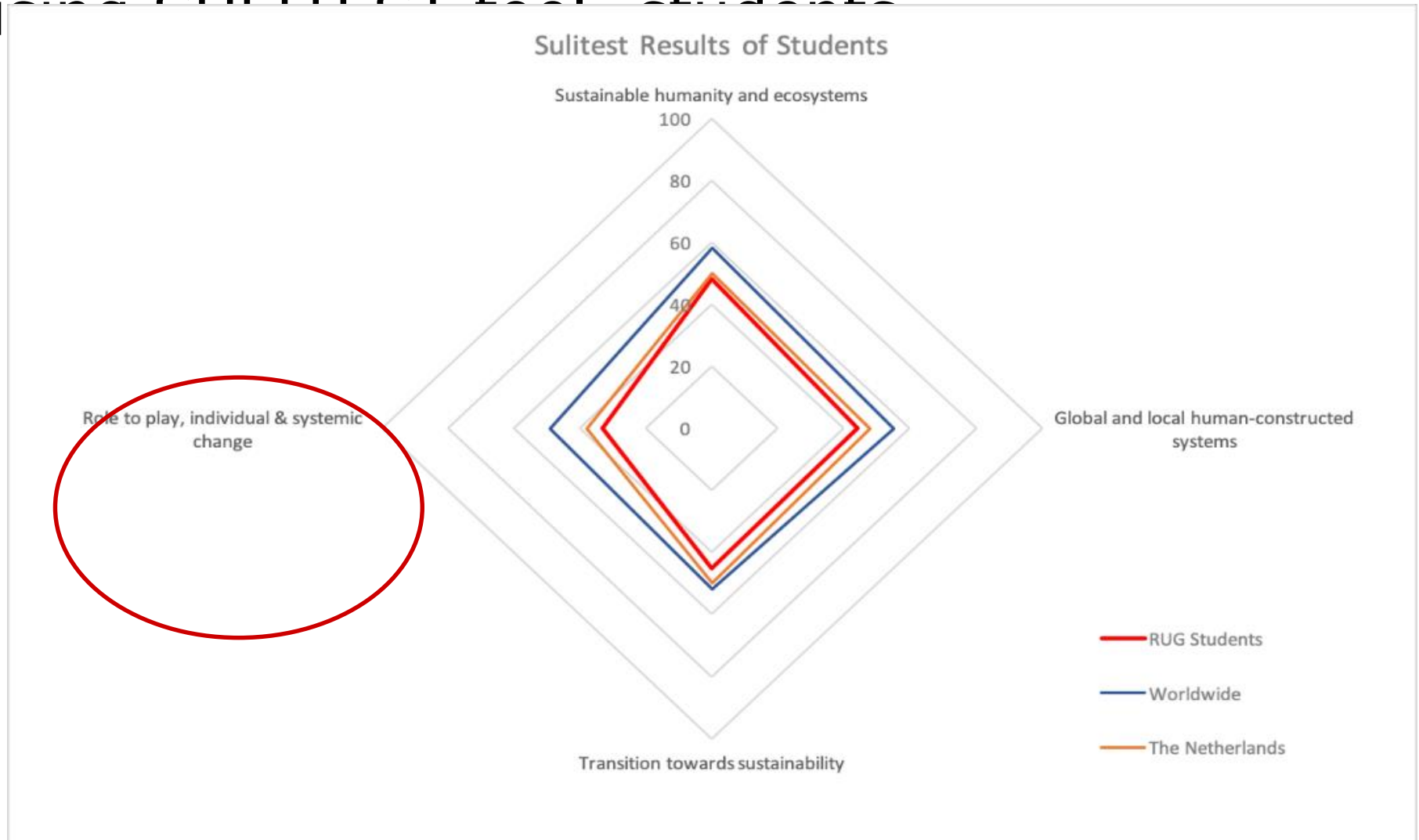
- integrate sustainability into the teaching curricula and research projects
- improve communication with staff and students about sustainability,
- aim for 100% sustainable purchasing, with consideration for working conditions and human rights

Research and Education


- › Labelling courses and programmes
- › Implementing a website around SDG's
- › Sustainable Education Event
- › Summer School Climate for Change for lecturers 2-5 June 2019



Pilot knowledge level exploration – using SULITEST tool students

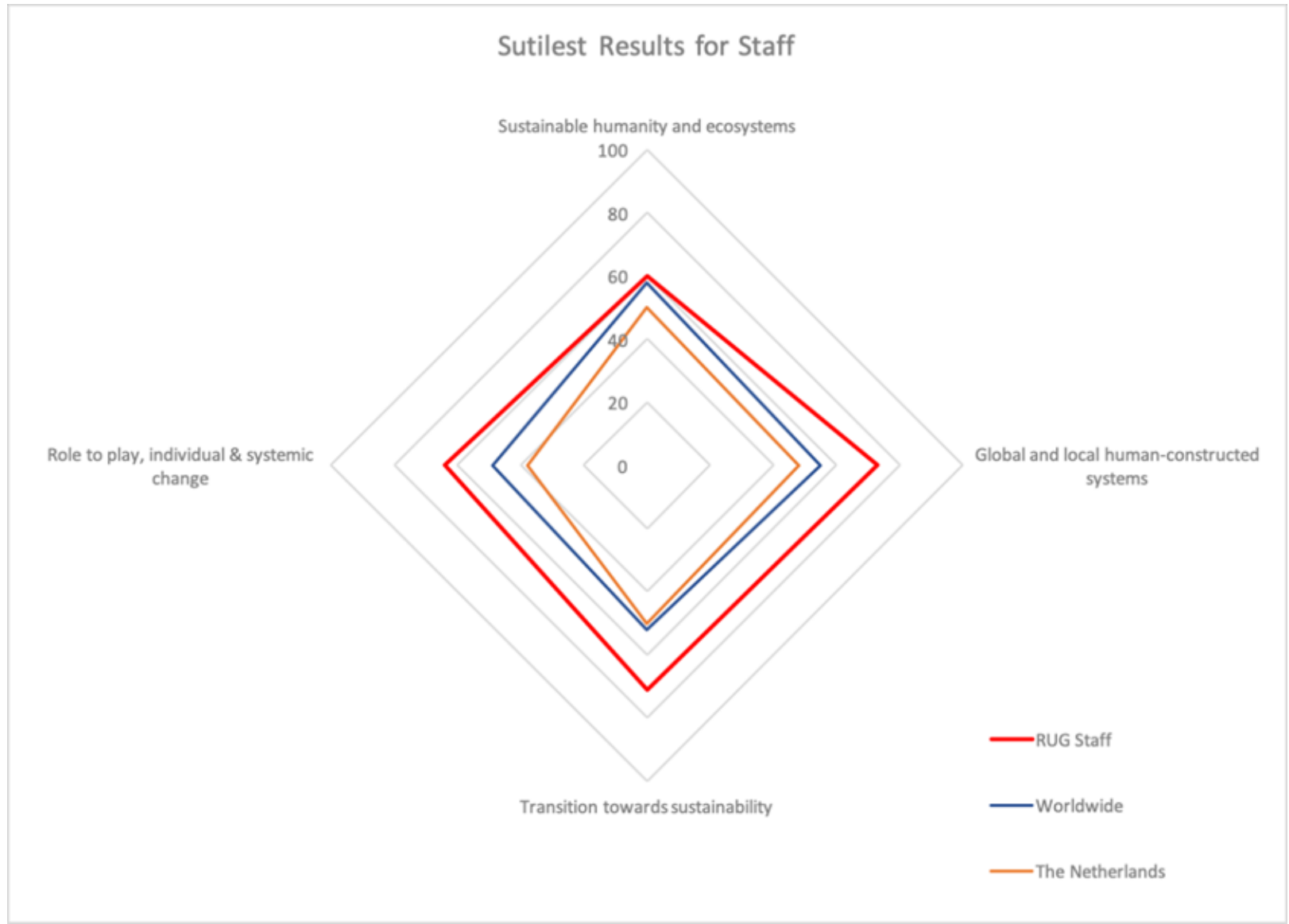


Challenge for UG - students



ROLE to PLAY
Individual and systemic change

Staff



Challenge for UG –STAFF

- do not know how to pass on the best practices of their own role
- how to create impact in a journey to sustainability (engage others)

Sustainable procurement

12. purchasing



- Energy
- Sustainable travelling
- Coffee/ Tea
- Waste
- Business car
- Catering



Sustainability Ambassador



Order local products through: streekboer.nl/zernike

Use the promotional code: zernikecampus2019 for 20% discount

Performance

- › GreenMetric Ranking:

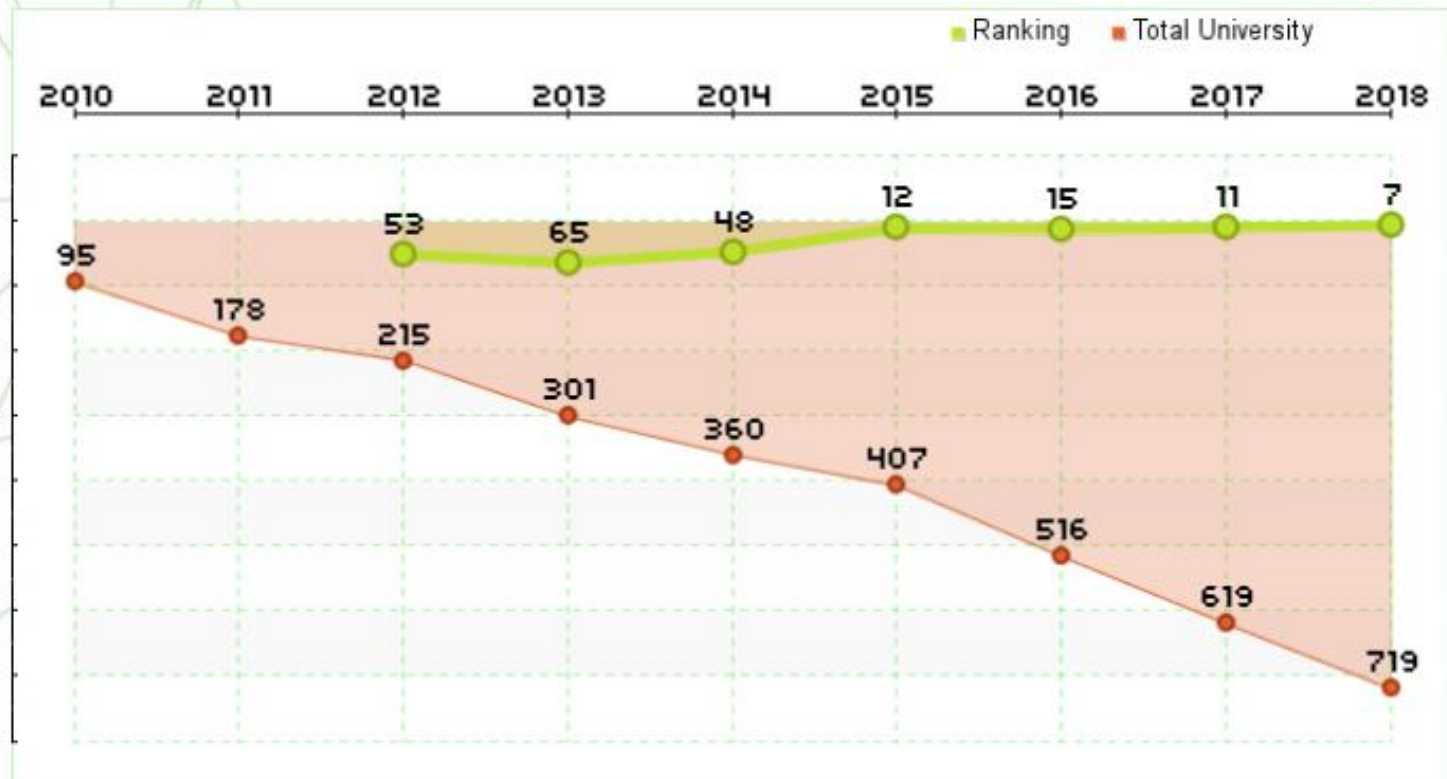
12. purchasing



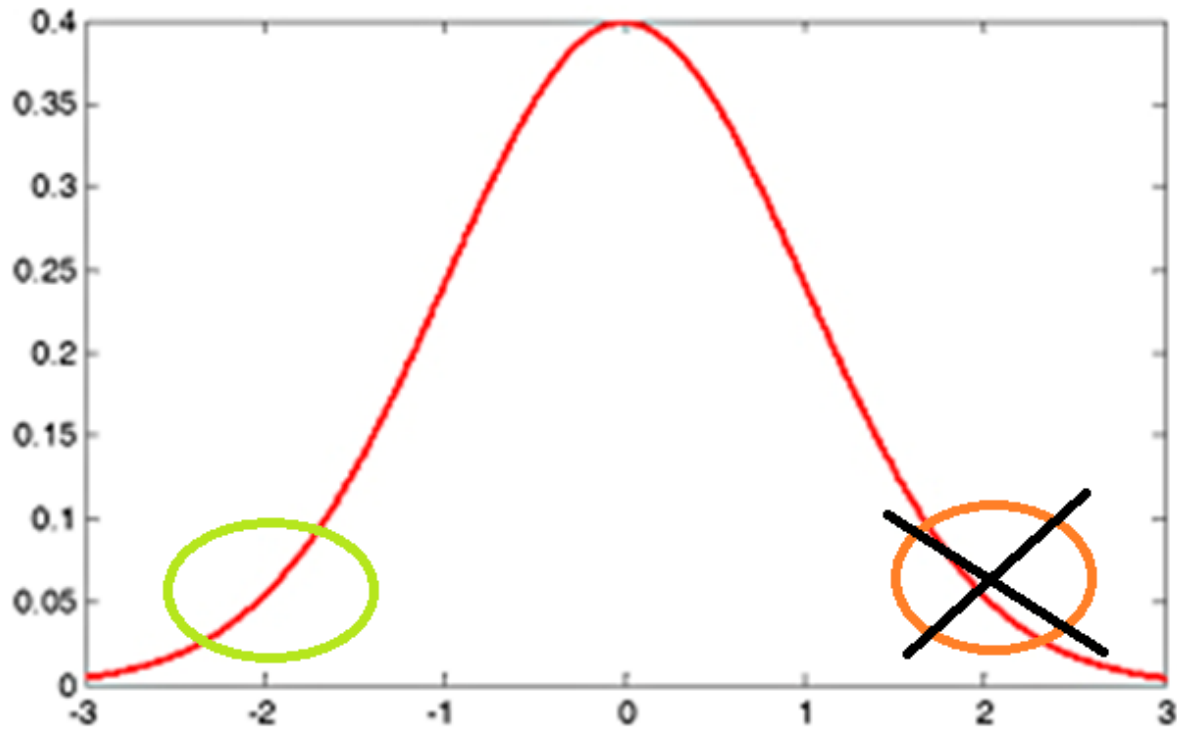
2. communication



World Rankings History



population



Sustainability awareness

Our challenges

- › How to progress (faster) and make the change happen?
- › What do we need for this?

- › Would You **SHARE** with us :
 - What did you profit(source from) the most from at your instituion?

Contact

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