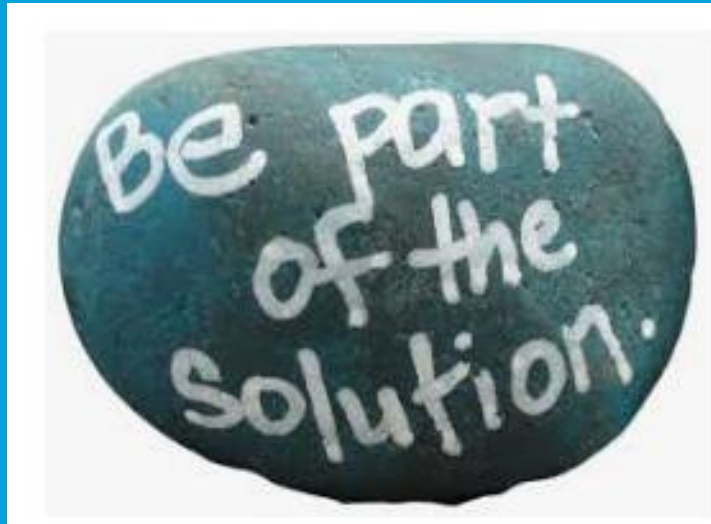


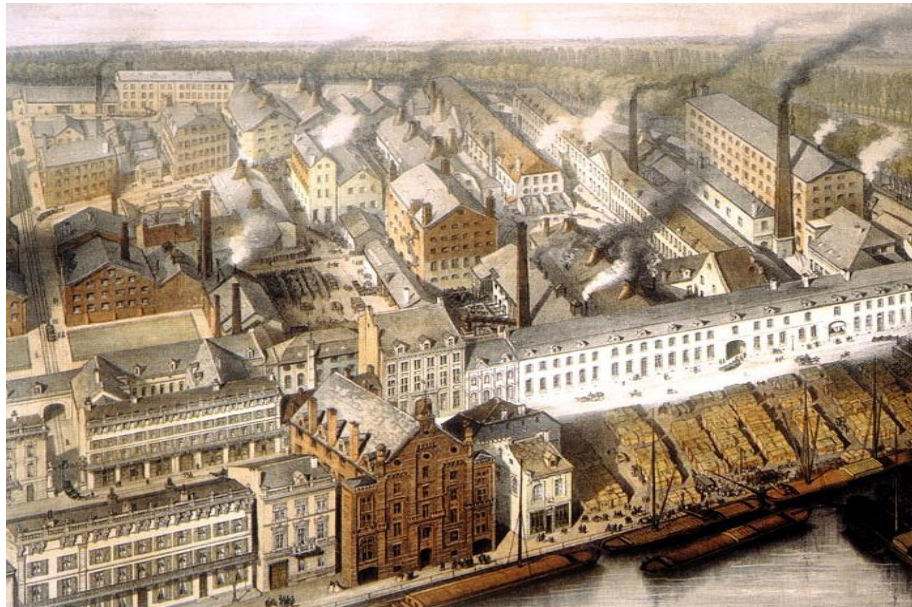


# Master of Science programme **Sustainability Science and Policy**

Master's Open Day – 17 November 2018  
Ceren Pekdemir & Marc Dijk



# Maastricht (*Mestreech*)







## Fast facts

- ✓ the youngest and most international university in the Netherlands
- ✓ 16.000 students, 4.000 staff, 40.000 alumni
- ✓ one of the best young universities in the world (THE, QS)
- ✓ the only Dutch university in the Worldwide Universities Network (WUN)



# International Centre for Integrated assessment and Sustainable development (ICIS)

*Towards a  
sustainable  
world*

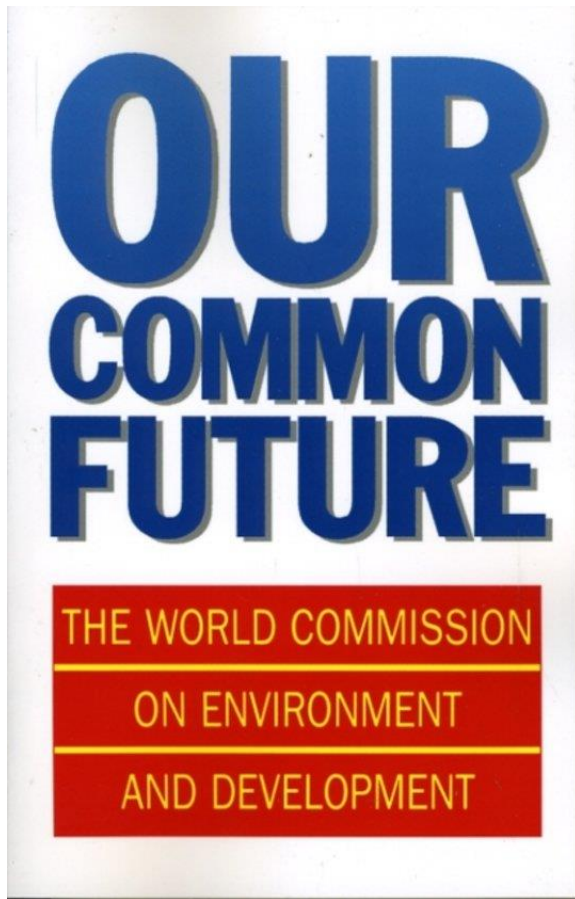


International Centre for  
Integrated Assessment  
and Sustainable  
Development

## Research, Education & Outreach for *Sustainable Development*

ICIS Master SSP





## The Brundtland Definition (1987)

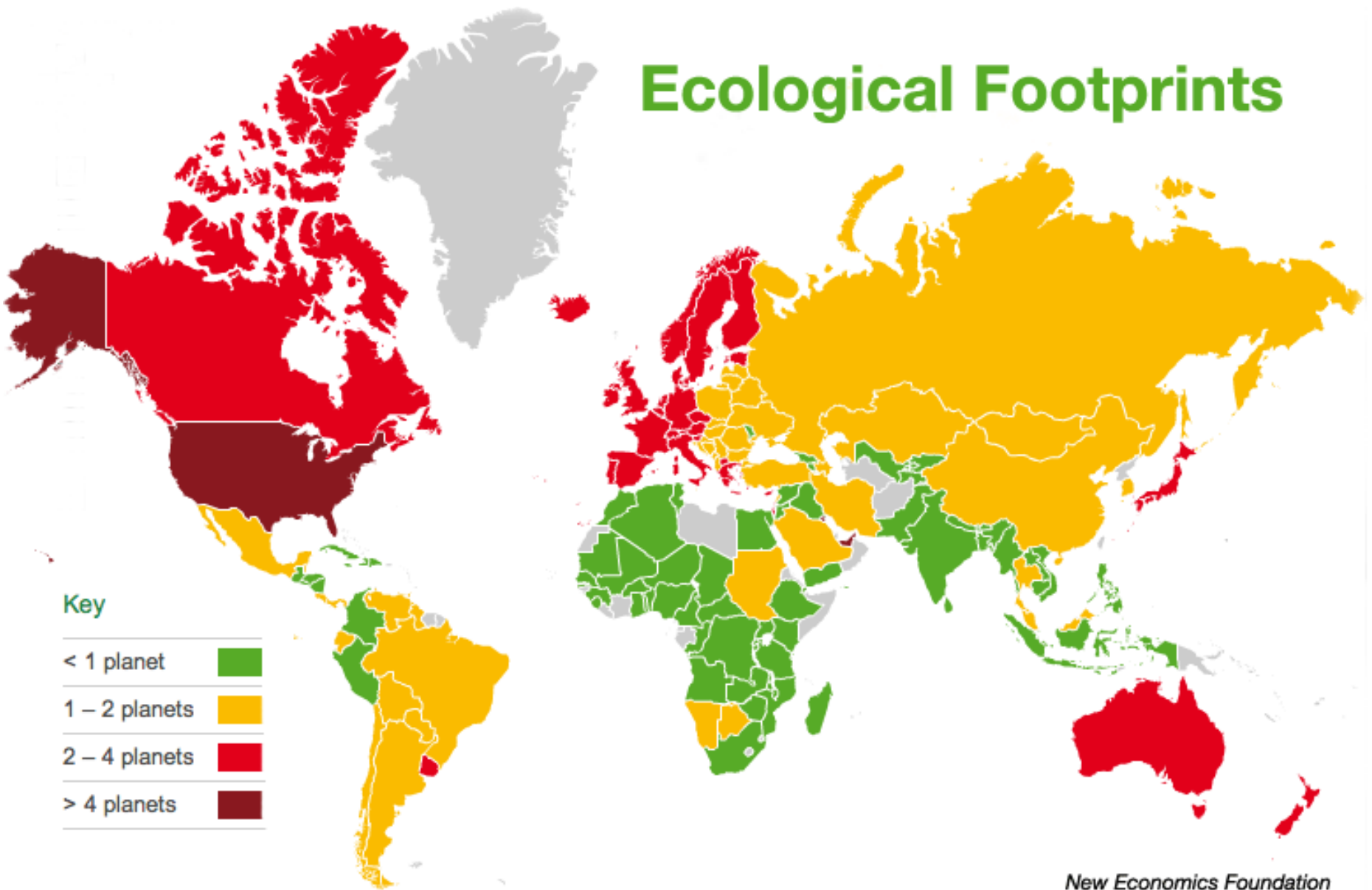
**“Sustainable development is development that meets the needs of the present without compromising the ability of future generations to meet their own needs.”**



# Ecological Footprints

## Key

< 1 planet	Green
1 – 2 planets	Yellow
2 – 4 planets	Red
> 4 planets	Dark Red



New Economics Foundation











Sustainable Development = complex & normative

=> integrative approaches



People. Planet. Prosperity.



ENVISIONING  
SUSTAINABLE FUTURES



# Sustainability in the newspapers

- [https://www.youtube.com/watch?v=ITv\\_4hZPg-4](https://www.youtube.com/watch?v=ITv_4hZPg-4)
- *Is this an answer..?*
- Imagine you the consultant here..

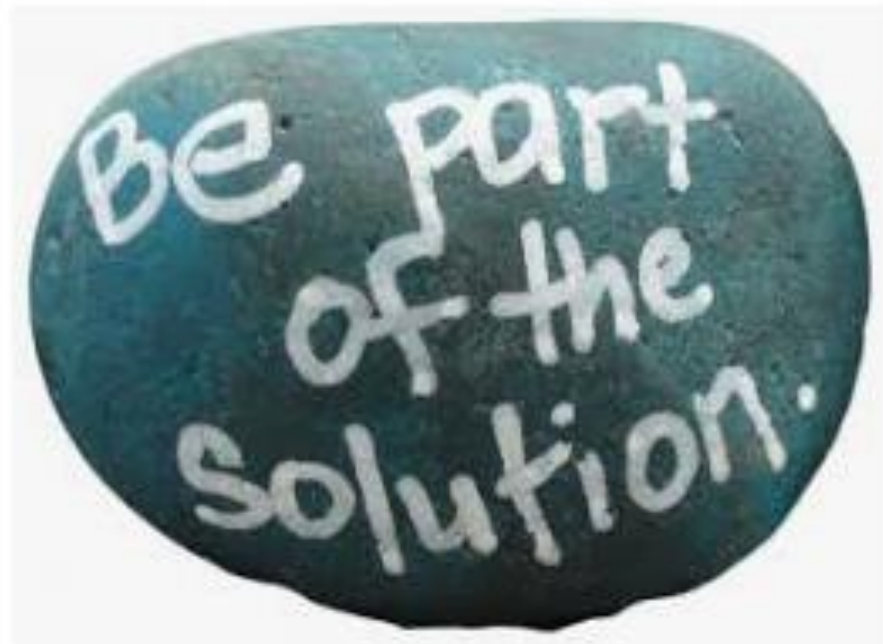


# key questions in sustainability studies

- To what extent is [electric aviation] sustainable?
- How can we understand the success (or failure) of [electric aviation]?
- How could the uptake of [electric aviation] be promoted (or constrained)?



# Master programme Sustainability Science and Policy



- 1-year program fully taught in English
- Problem-Based Learning (PBL)
- international, multidisciplinary student group
- small-scale teaching and learning
- thematic courses
- actual cases for real clients (Integrated Sustainability Project)
- on average weekly 10–12 hrs classes, 28–30 hrs group work & individual









Year	Total students	NL	Other European	Non European
2011/12	10	3	6	1
2012/13	22	6	12	4
2013/14	18	1	11	6
2014/15	13	2	7	4
2015/16	37	9	23	5
2016/17	44	8	27	9
2017/18	46	13	26	7
2018/19	49	9	31	9
<b>Total</b>	<b>239</b>	<b>51 (21%)</b>	<b>141 (60%)</b>	<b>45 (19%)</b>

Students nationalities



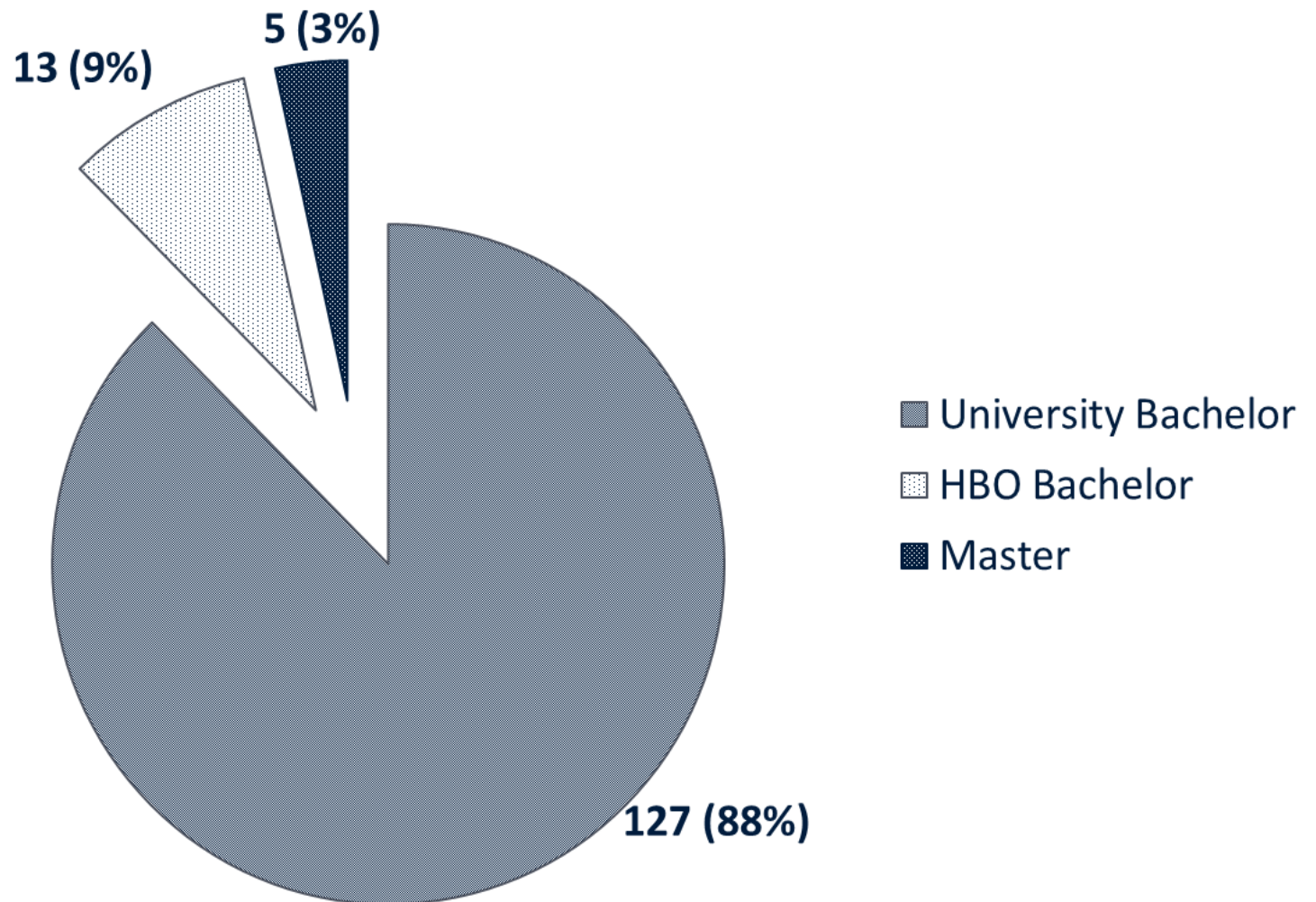


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2017/18	<b>46</b>	13	26	7
<b>Total</b>	<b>190</b>			

Total	Graduated	Re-registered	Stopped
190	<b>164</b> (86%)	18 (10%)	8 (4%)

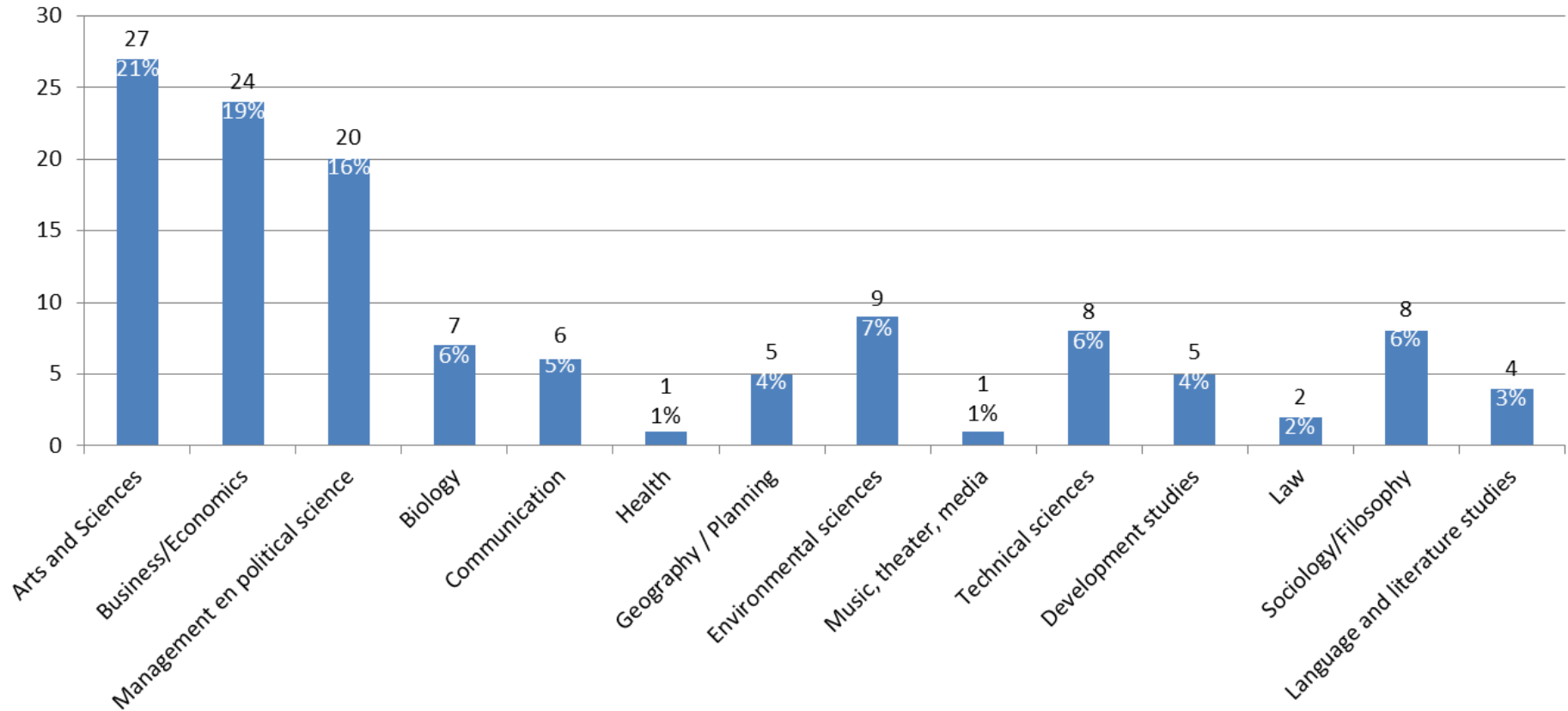
**Graduates (1 Oct 2018)**

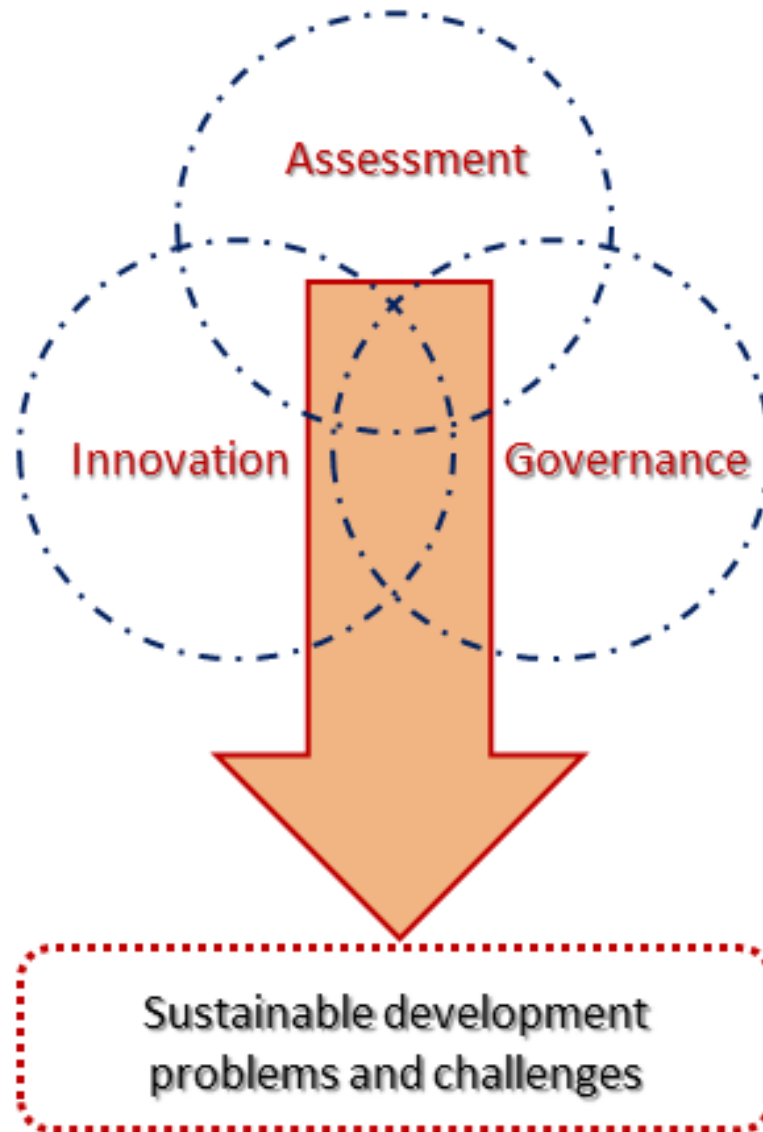
### Previous education Master SSP students 2011-2017 (N=145)





## Education background master SSP alumni 2011-2016 (N=127)







# Master programme Sustainability Science and Policy (60 ECTS)

- Problem Based Learning & Academic skills (1)

## *Understanding sustainability*

- Sustainable Development (5)
- Sustainability Science, Policy and Society (5)

## *Policy for sustainability*

- Governance for Sustainable Development (5)
- Sustainability, Law and the Environment (5)
- Innovation for Sustainable Development (5)

## *Assessing sustainability*

- Methodology for Sustainability Assessment (5)
- Sustainability Assessment Skills (4)
- Integrated Sustainability Project (5)

## *Master's thesis on sustainability*

- Research Approaches and Methods (2)
- Thesis Research Proposal (3)
- Master Thesis (15)

### ❖ **Sustainable Development**

- provides an introduction into the field of study
- history and main ideas underlying sustainable development
- important theories, concepts and milestone publications regarding the complex interactions between environment and society

### ❖ **Sustainability Science, Policy and Society**

- emerging knowledge domain/discipline
- role of knowledge at the interface of science and policy
- roles of scientists
- concept of boundary work
- structuring of sustainability problems



### ❖ **Governance for Sustainable Development**

- shift from governing by government to governing as governance
- global governance, local governance, multi-level governance
- all in the context of sustainable development

### ❖ **Sustainability, Law and the Environment**

- builds on governance theory, examines role of law for sustainable environmental protection from the perspective of the government, business and victim (e.g. NGOs)
- international climate policy and law

### ❖ **Innovation for Sustainable Development**

- different forms of innovation (product, process, social)
- transitions, socio-technological transformation
- social economy initiatives, experiments and social learning

### ❖ **Sustainability Assessment Skills**

- students practise and improve their skills in basic modelling, participatory methods, scenarios, and multi-criteria analysis

### ❖ **Methodology of Sustainability Assessment**

- steps in sustainability assessment
- how to apply and combine different methods
- project plan for a sustainability assessment of a real-world sustainable development problem commissioned by an external client

### ❖ **Integrated Sustainability Project**

- students work in small teams and conduct the assessment, which include an integrated analysis of the problem, identification and assessment of solution options, and formulation of recommendations for the client



## Integrated Sustainability Project

<b>Towards animal-friendly, sustainable food in the hospitality sector of South-Limburg</b>	2017	International Institute for Animal Ethics (IIAE)
<b>The potential contribution of the UN Volunteers to the Sustainable Development Goals</b>	2017	United Nations Volunteers (UNV)
<b>Locally produced sustainable energy as a means of value creation</b>	2017	In de Tussentijd (Consultancy)
<b>Sustainable energy in primary schools in Maastricht</b>	2017	Suringar School
<b>Sustainable management of litter in Maastricht</b>	2017	Municipality of Maastricht
<b>Assessment of new public transport approach around Maastricht</b>	2017	Maastricht Bereikbaar
<b>Towards a more sustainable energy system by stimulating self-organisation</b>	2017	SELL – Servicepunt Energie Lokaal Limburg (Servicepoint for Local Energy)
<b>Towards a sustainable built infrastructure</b>	2017	WML – Watermaatschappij Limburg (water company for province of Limburg)
<b>Nature-based solutions for sustainable cities</b>	2017	DuneWorks

## *Master's thesis on sustainability*

### ❖ **Research Approaches and Methods**

- research traditions/ways of knowing
- research methods

### ❖ **Thesis Research Proposal**

- Thesis market (December)
- topic and supervisors
- research proposal (April 1st)

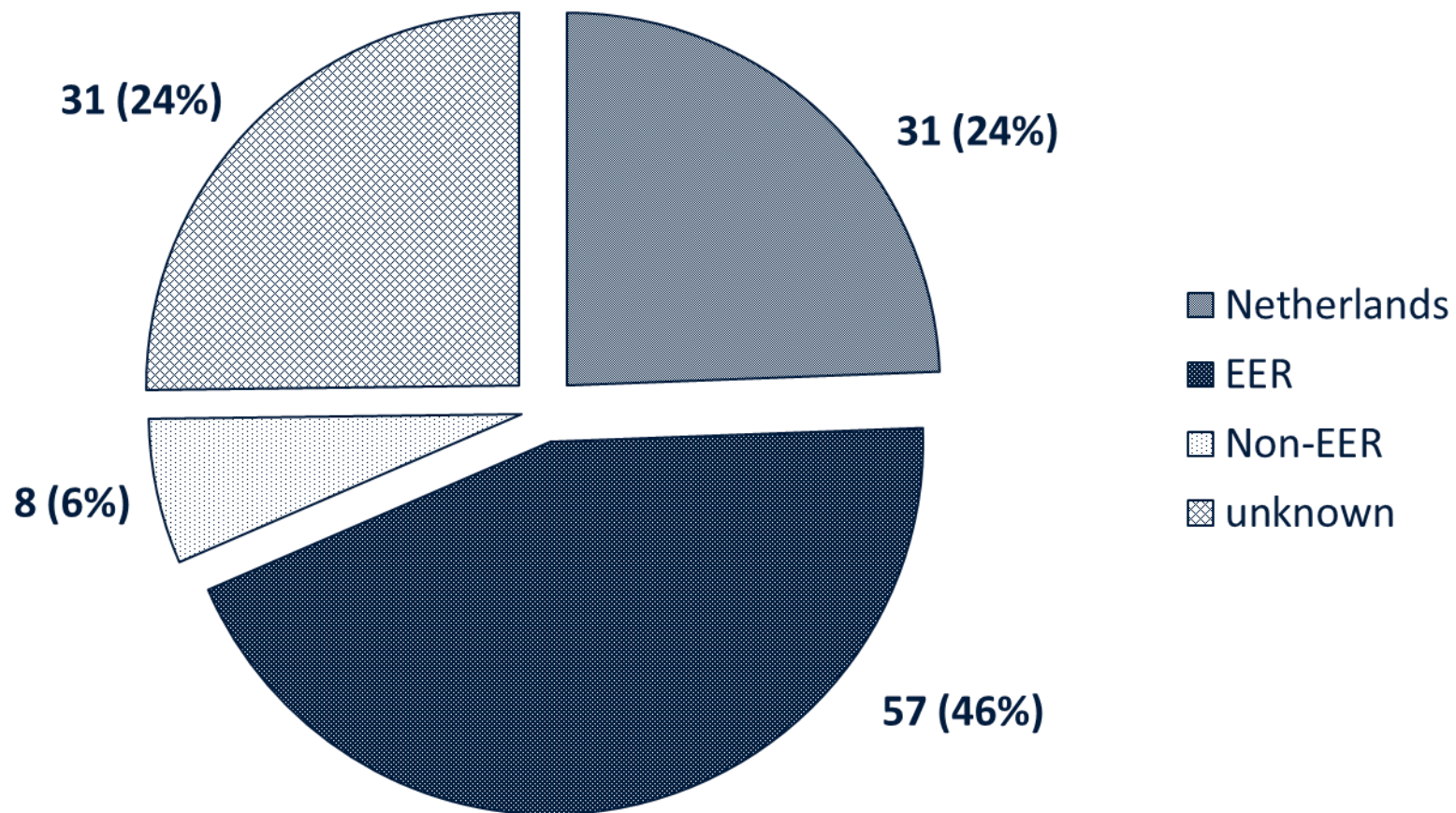
### ❖ **Master Thesis**

- research and writing (May onwards)
- presenting early July or late August

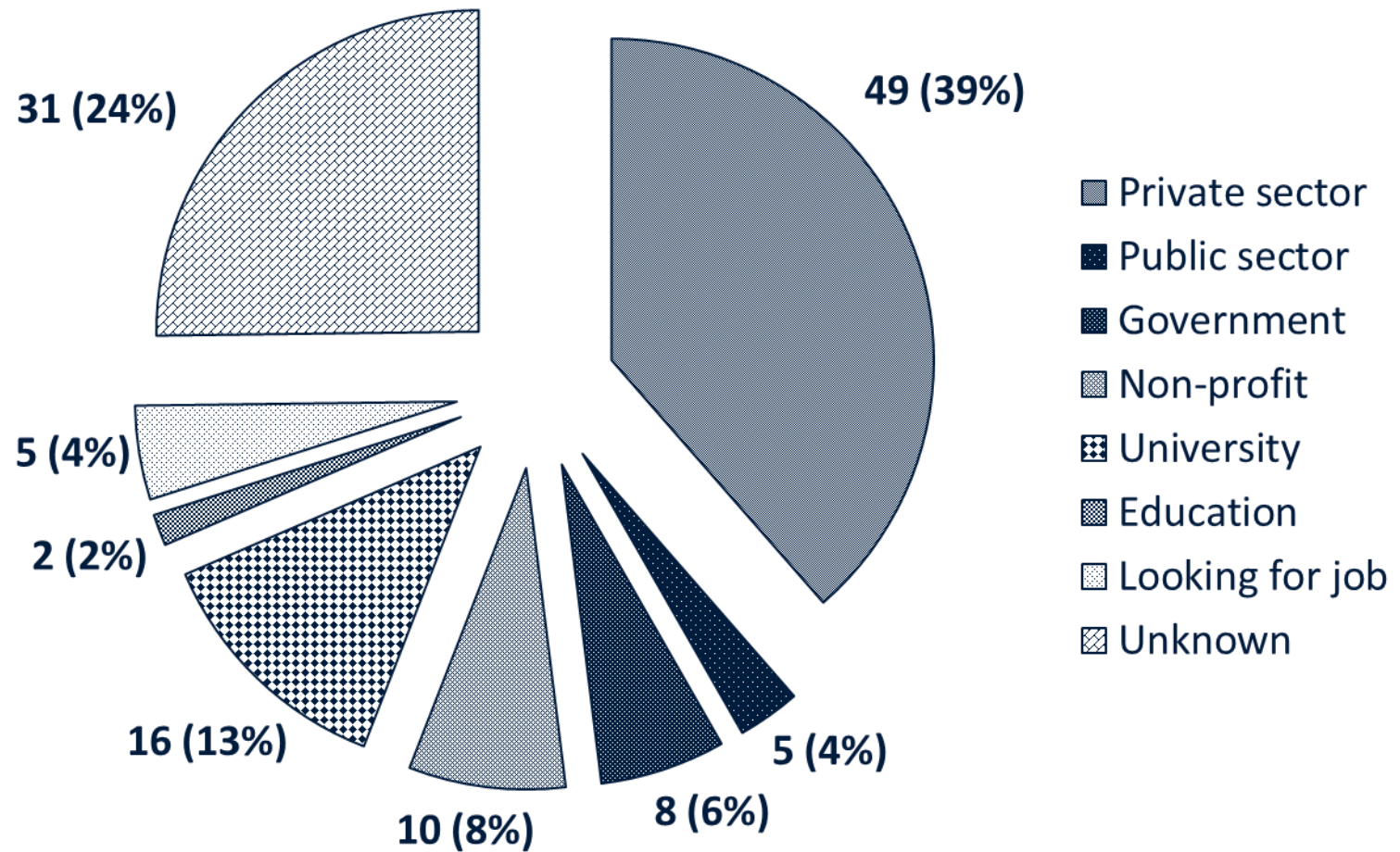




**Place of employment Master SSP alumni  
2011-2017 (N=127)**



# Sector of employment Master SSP alumni 2011-2017 (N=127)





SSP graduates report suitable **careers as sustainability professional**, e.g.

- advisor
- analyst
- consultant
- lecturer
- manager
- policymaker
- researcher
- trainer
- PhD candidate
- etc.

## Examples **employers**

- Amnesty International
- Columbus Earth Center
- Cradle to Cradle Products Innovation Institute Europe
- CSR Europe
- Deutsche Gesellschaft für Internationale Zusammenarbeit
- Ernst & Young
- European Environment Agency
- General Electric
- Green Trust
- KPMG
- Siemens
- Tata Consultancy Services
- Universities (Aalborg, Charleston, Maastricht, Stockholm, etc.)
- Waterleiding Maatschappij Limburg
- WWF European policy office



# UM Master SSP website

<http://www.maastrichtuniversity.nl/masterssp>

## Introductory video



### > Master's

- Sustainability Science and Policy >
- Why this programme? >
- Courses & curriculum >
- Rankings & recognition >
- Your future >
- Admission requirements >
- Admission & registration >
- Tuition fees >
- > Contact

## Contact

### Need more information?

#### General questions about the programme

📄 [Request a brochure](#)

✉ [admissions-ssp@maastrichtuniversity.nl](mailto:admissions-ssp@maastrichtuniversity.nl)

📞 +31 43 388 2662

🌐 [www.maastrichtuniversity.nl/ics](http://www.maastrichtuniversity.nl/ics)

skype: master-ssp available every Thursday from 15:30-16:30 CET or by appointment

### Meet us

There are several information activities for those interested in learning more about our programmes:

- 🕒 Open days
- 📅 [Calendar \(all activities\)](#)
- 📍 [INKOM](#) 🗺

### Address

#### Faculty of Science and Engineering

#### Sustainability Science and Policy

📍 Kapoenstraat 2

6211 KW Maastricht

📍 [Get directions](#) 🗺

✉ PO Box 616

6200 MD Maastricht

📞 +31 43 388 2662

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## Sustainability Science and Policy

### Admission requirements

In order to apply for the master Sustainability Science and Policy you need to fulfil various admission requirements. Your motivation plays an important role in the admission decision. Other considerations are your prior education, grade point average, and basic research skills and general insight in the field of sustainable development.

All applicants should meet the general requirements:

- 🕒 submit your curriculum vitae
- 📄 write a letter of motivation
- 📄 write an essay
- 📄 submit two letters of recommendation
- 📄 complete the application and eligibility form
- 📄 demonstrate proficiency in English
- 📄 demonstrate grade-point average

### Graduates from a relevant university bachelor's programme

We are looking for students who have basic proficiency in research skills and a general insight in the field of sustainable development.



## Contact

Need help with your application, housing, or student life in Maastricht? Contact the university.

### Contact the university via:

📞 Whatsapp +31 6200 44 571

✉ [study@maastrichtuniversity.nl](mailto:study@maastrichtuniversity.nl)

📞 Phone +31 43 38 85388 (SSC)

📘 Facebook

🐦 Twitter

🌐 LinkedIn

📷 Instagram

📺 YouTube



UM Master SSP website

<http://www.maastrichtuniversity.nl/masterssp>

Thank you for your attention!

**QUESTIONS?**

