

FRA GRØNNE SKÅLTALER TIL GRØNNE DATA – EN CASE FRA CSB

Hanne Harmsen, Prodekan for grøn omstilling

DARMA 8. juni 2023

Grøn omstilling: Tværgående strategisk initiativ



Hvordan implementeres tværgående initiativer?



Vores strategi: CREATE COMMUNITY, SHOW/TELL, DO

Transformative principles

Six principles for the successful implementation of activities under cross-cutting and transformative projects



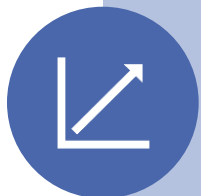
Transformative



Broad engagement



External Value



Scalability



Strategy alignment



Action oriented

Transformative principles

Six principles for the successful implementation of activities under cross-cutting and transformative projects



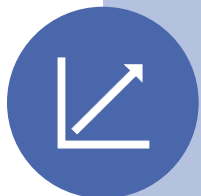
Transformative



Broad engagement



External Value



Scalability



Strategy alignment



Action oriented

Green Dashboard

Creating transparency and data-based decision making

Status Quo

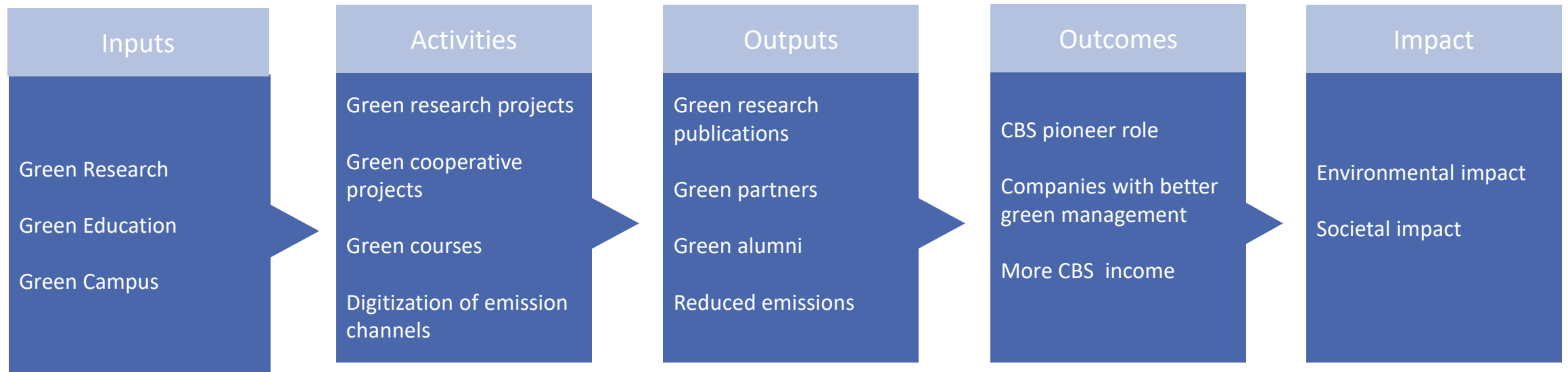
- Green transition has a **strategic focus** at CBS, but **no specific objectives**
- Green transition research and education initiatives are **decentralized** and spread across all departments and programmes
- There is a **lack of overview** on progress of initiatives
- Campus sustainability is reported separately

Solution

- Increased **transparency** of initiatives which will improve
 - Baseline & development for CBS **stakeholders**
 - **Goal setting** (based on data, e.g.: on department or study board level)
 - **Aligned communication** both internally with key decision makers (e.g.: board) and externally
- Increased transparency – also for students

Green Impact Pathway

Indicators from input to impact



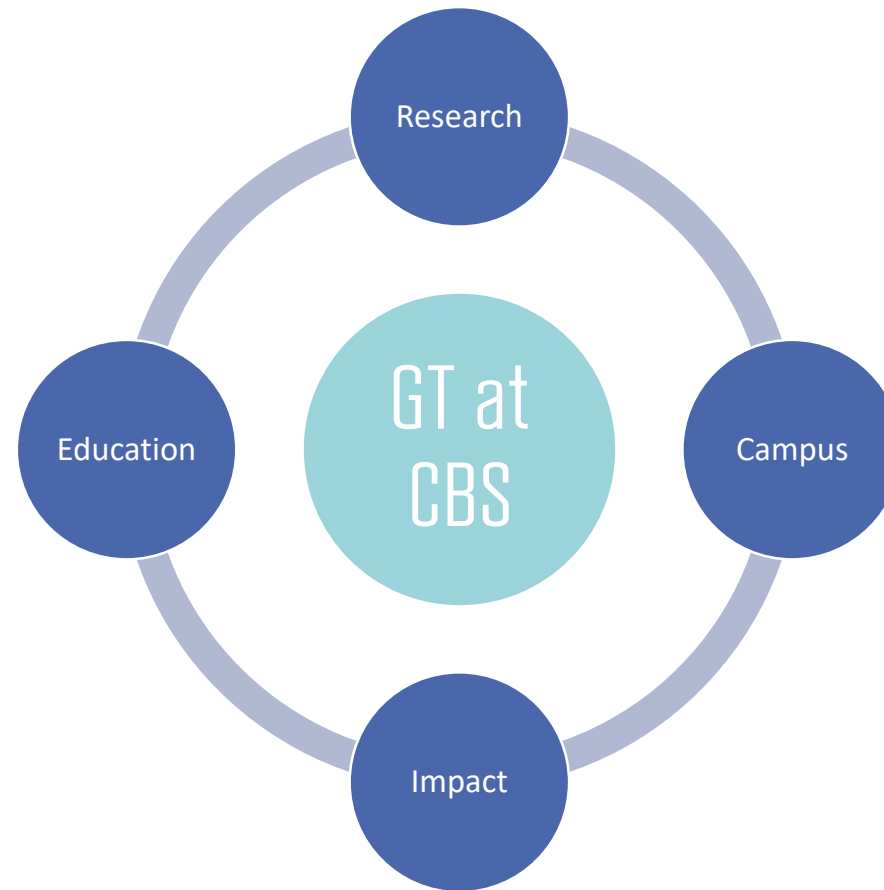
How do other universities show what they do?

What is best practice?

- ESG reporting (Annual Report)
- Campus sustainability reporting
- Organisational structure for sustainability – e.g. vice-rector, committee
- Concrete initiatives – e.g. research centres or projects

- Not reporting on the core products

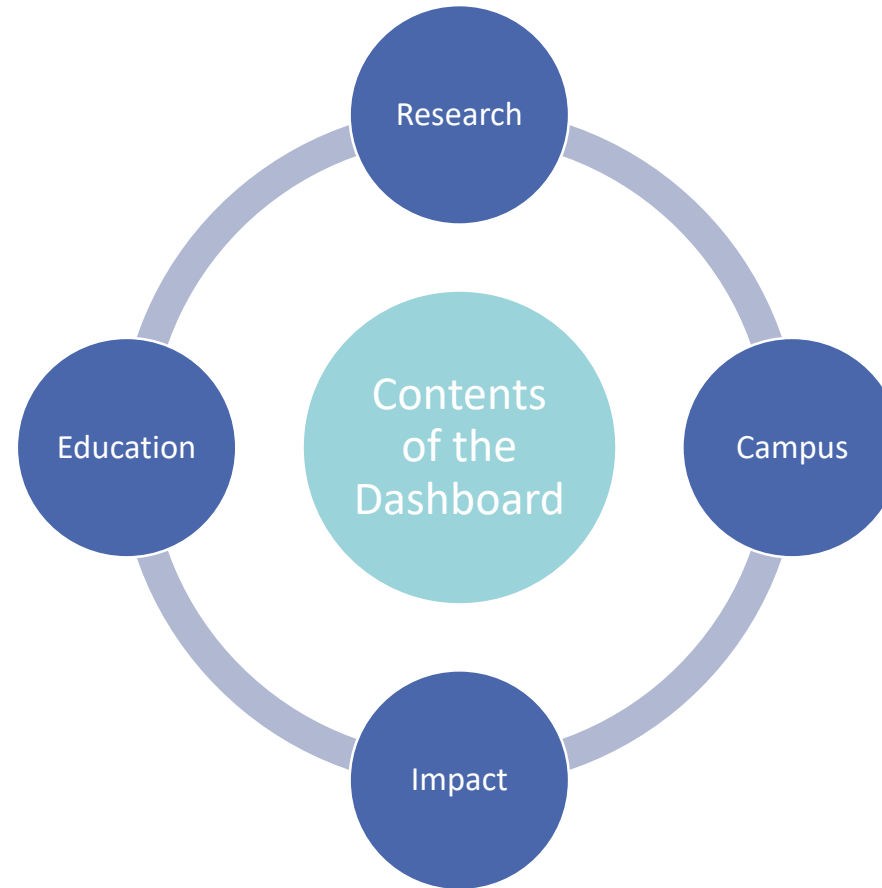
CBS Green Transition Dashboard



CBS Green Transition Dashboard

Four dimensions will provide an overview of green transition status at CBS

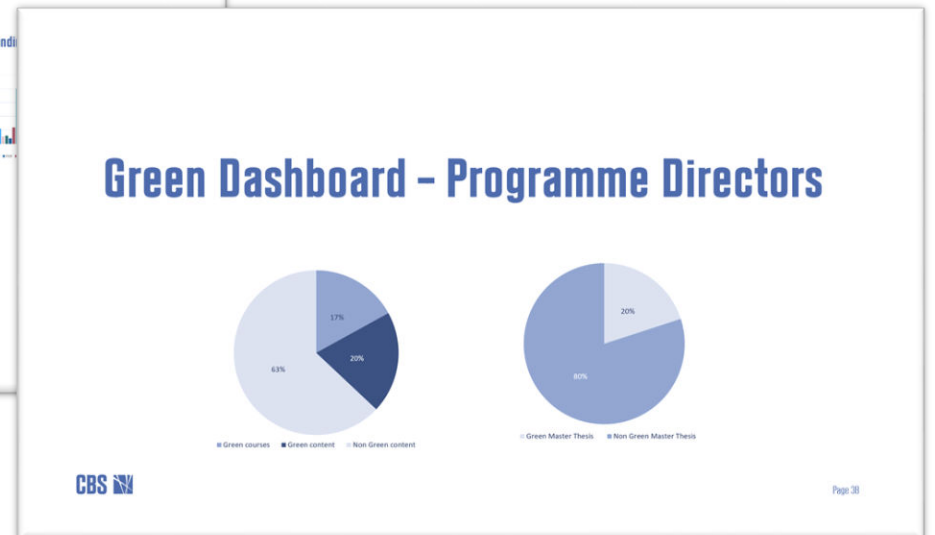
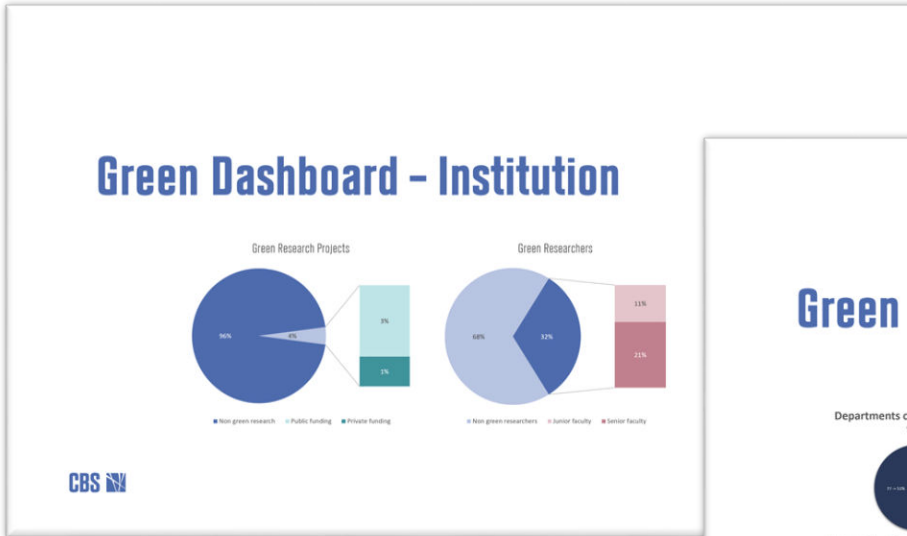
Research
<ul style="list-style-type: none">• External funds for research in green transition• Researchers in green transition• Green research publications• Green PhDs
Education
<ul style="list-style-type: none">• Green transition educational content• Master- and bachelor theses within green transition• Graduates with a green profile



Campus
<ul style="list-style-type: none">• Scope 1 (direct)• Scope 2 (indirect)• Energy• Re-use of material• Water• Scope 3 (value chain)
Impact
<ul style="list-style-type: none">• Green research impact• Green student impact – e.g.: graduates with jobs within sustainability, green start-ups• Green media• Green partnerships

Multiple levels for various target groups

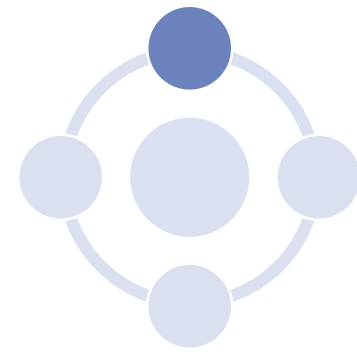
The dashboard will be split into three levels to provide each target group with a good overview



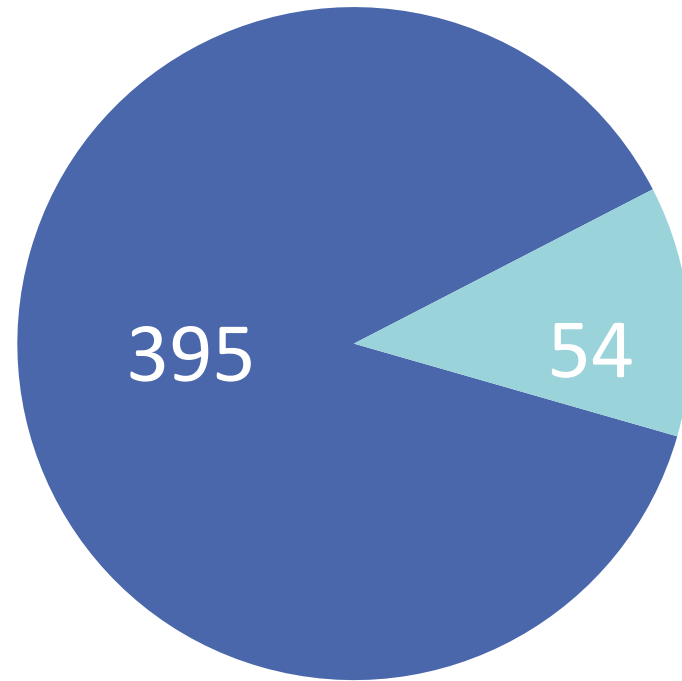
EXAMPLES

Green Dashboard: Green research projects at CBS

Externally funded research projects at CBS



Green Research Projects

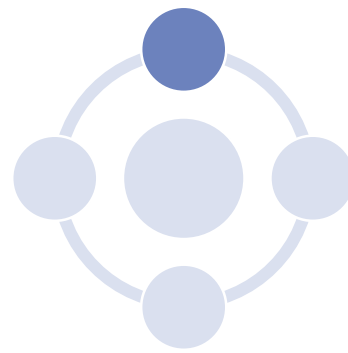


12%

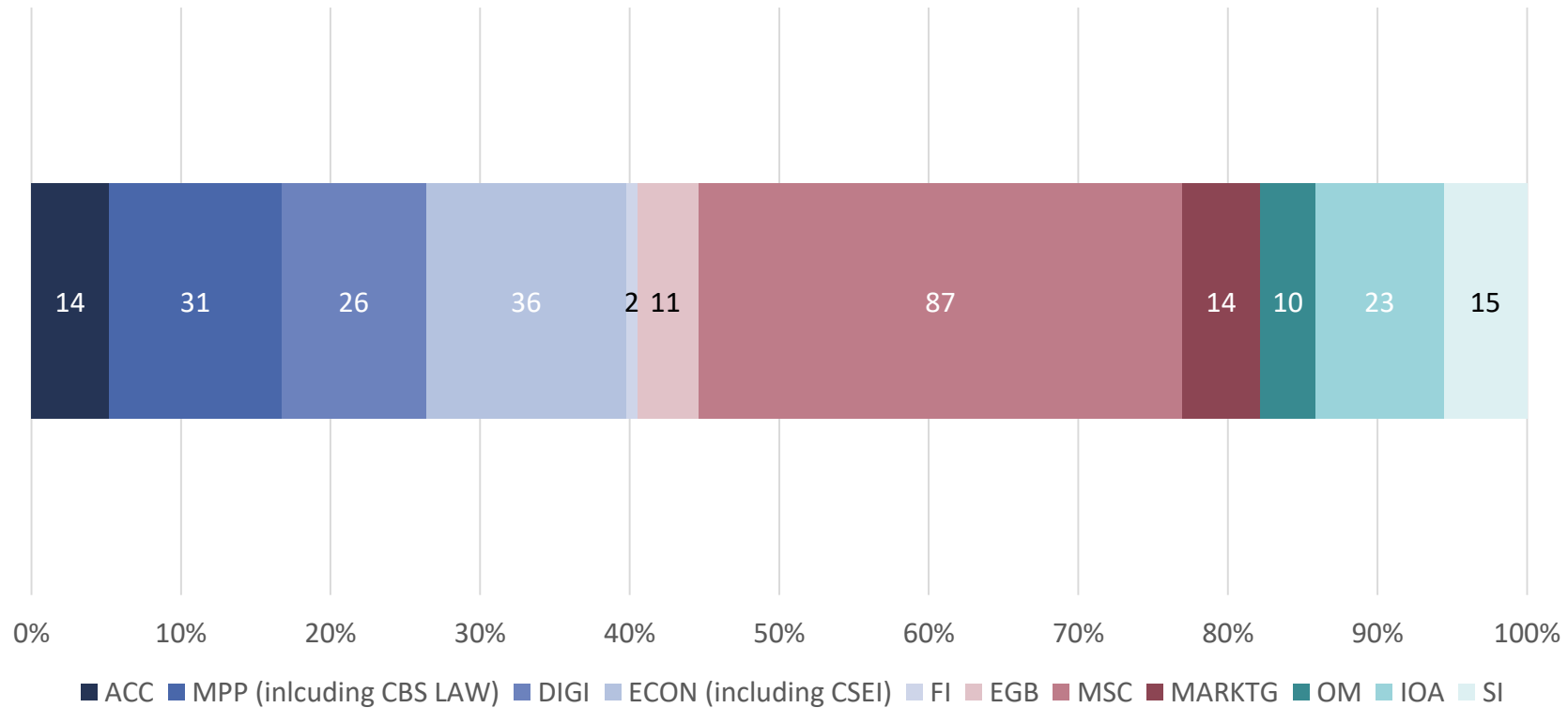
■ All other research projects ■ Green Research Projects

Green Publications across departments

The department with the largest amount of green publications is MSC, which is home to the CBS Sustainability Center



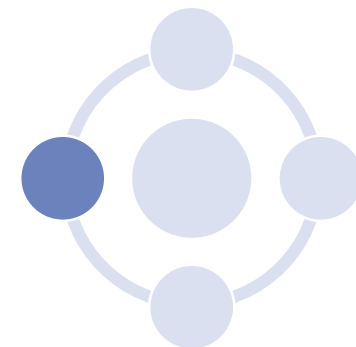
Numer of green publications per department, 2019-2022 (juni 22)



Data - Green CBS Publications

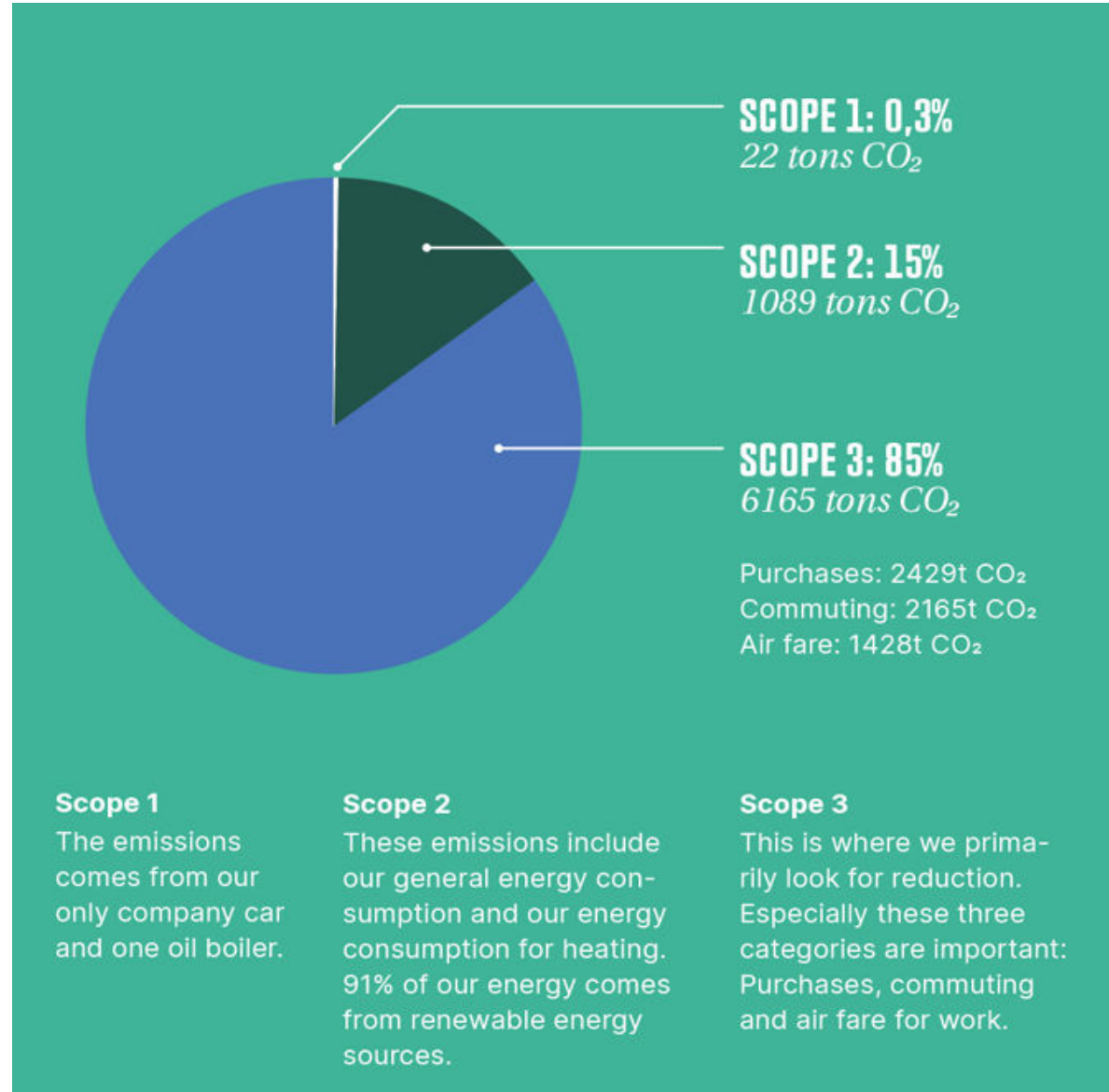
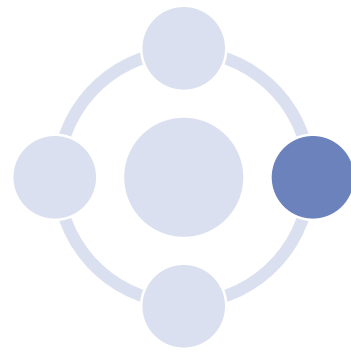
Year	Publications total	Green publications	Share of total in %
2019	734	60	8
2020	724	69	10
2021	841	107	13
2022	765	100	13

Education

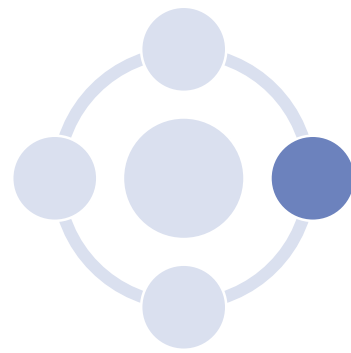


Year	Public theses total	Public green theses	Share of total in %
2019	890	102	14
2020	978	175	18
2021	647	101	17
2022	584	140	24

Campus: Scope 1, 2 and 3



Campus - climate and environmental data



	Unit	2022	2021	2020
CO2e Scope 1 (Direct)	mtu	22 t	19 t	22 t
CO2e Scope 2 (Indirect)	mtu	1.1 t	1,2 t	1,2 t
Energy consumption	GWh	12 GWh	15 GWh	13 GWh
Renewable energy share	%	91%	88%	80%
Water Consumption	dam ³	26 dam ³	19 dam ³	33 dam ³

OTHER STUFF

Methodology

- Publications are defined as peer reviewed journal articles or articles in proceedings. Retrieved from PURE.
- Research projects are retrieved from PURE.
- A content analysis was conducted on abstract and project descriptions using the search string “climate, green sustainab*, energy, ESG, SDG, klima, grøn, bæredygtig*, energi”.

Transformative principles

Six principles for the successful implementation of activities under cross-cutting and transformative projects



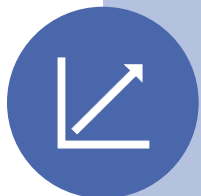
Transformative



Broad engagement



External Value



Scalability



Strategy alignment



Action oriented