Greening in Higher Educational Institutions

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THE IMPORTANCE OF GOING GREEN

▶ The process of becoming more active about protecting the environment

▶ The process of making somewhere greener by planting grass, trees, and plants there

▶ The process of beginning to pay attention to the protection of the natural environment

▶ The greening of a person or organization means that the person or organization is becoming more aware of environmental issues

Go green, before green goes

Tashkent was the top of Air Pollution Index on November 4, 2021

GREENING IN HEIs

Increasing awareness and taking concrete action towards a green, environmentally-friendly and resource-efficient university
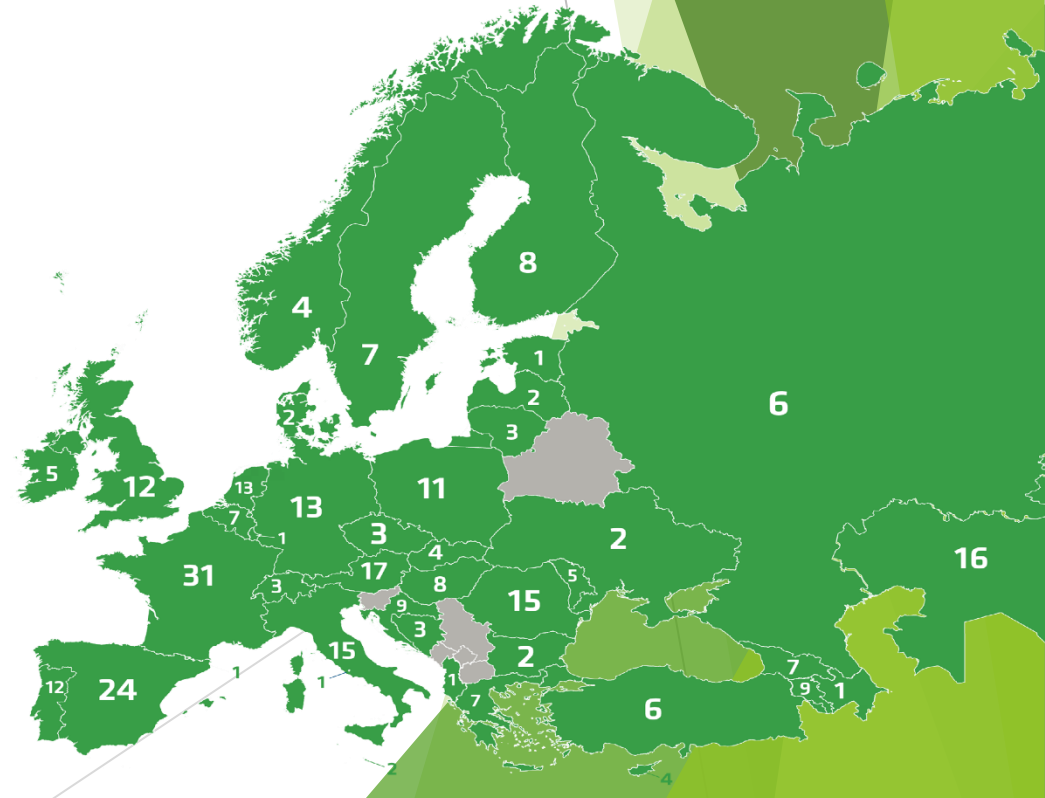
EUA survey data

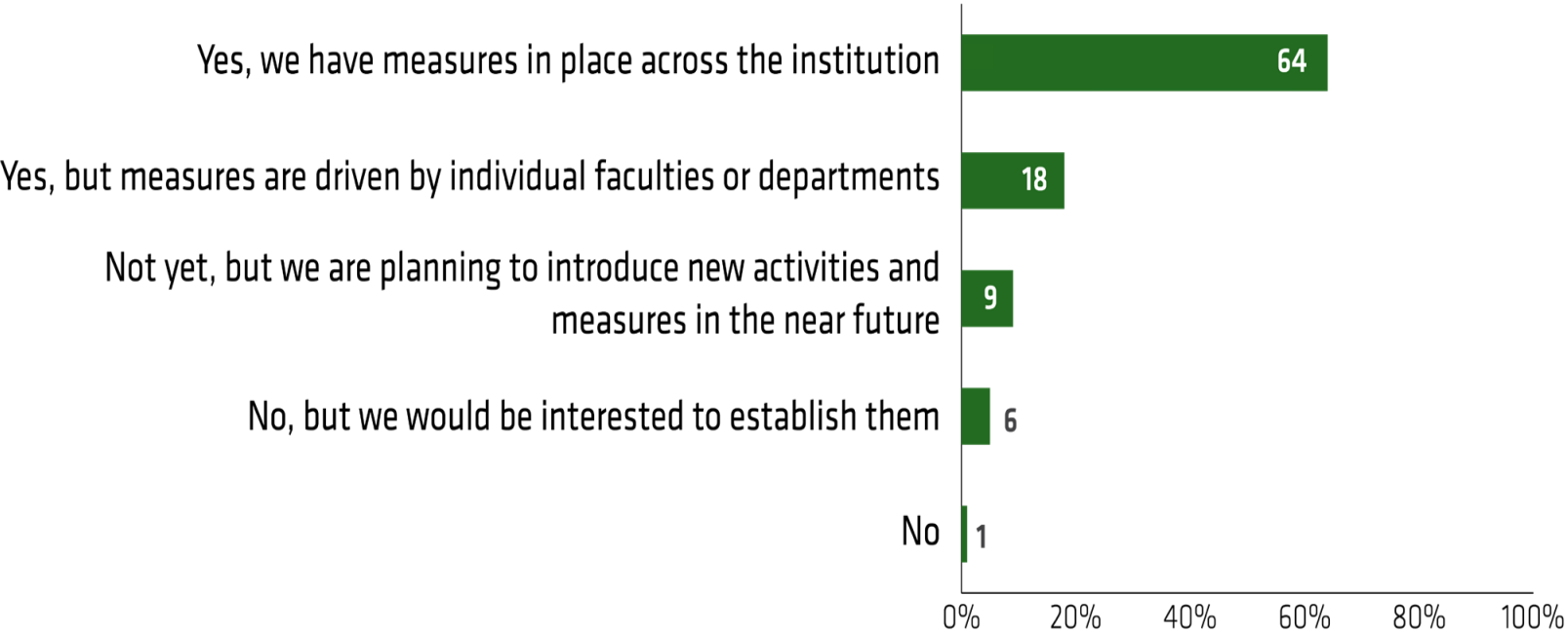The UN Sustainable Development Goals (SDGs)

The European Green Deal

372 higher education institutions from the European Higher Education Area participated in the survey, 305 of which had greening measures and initiatives in place and were considered for the evaluation
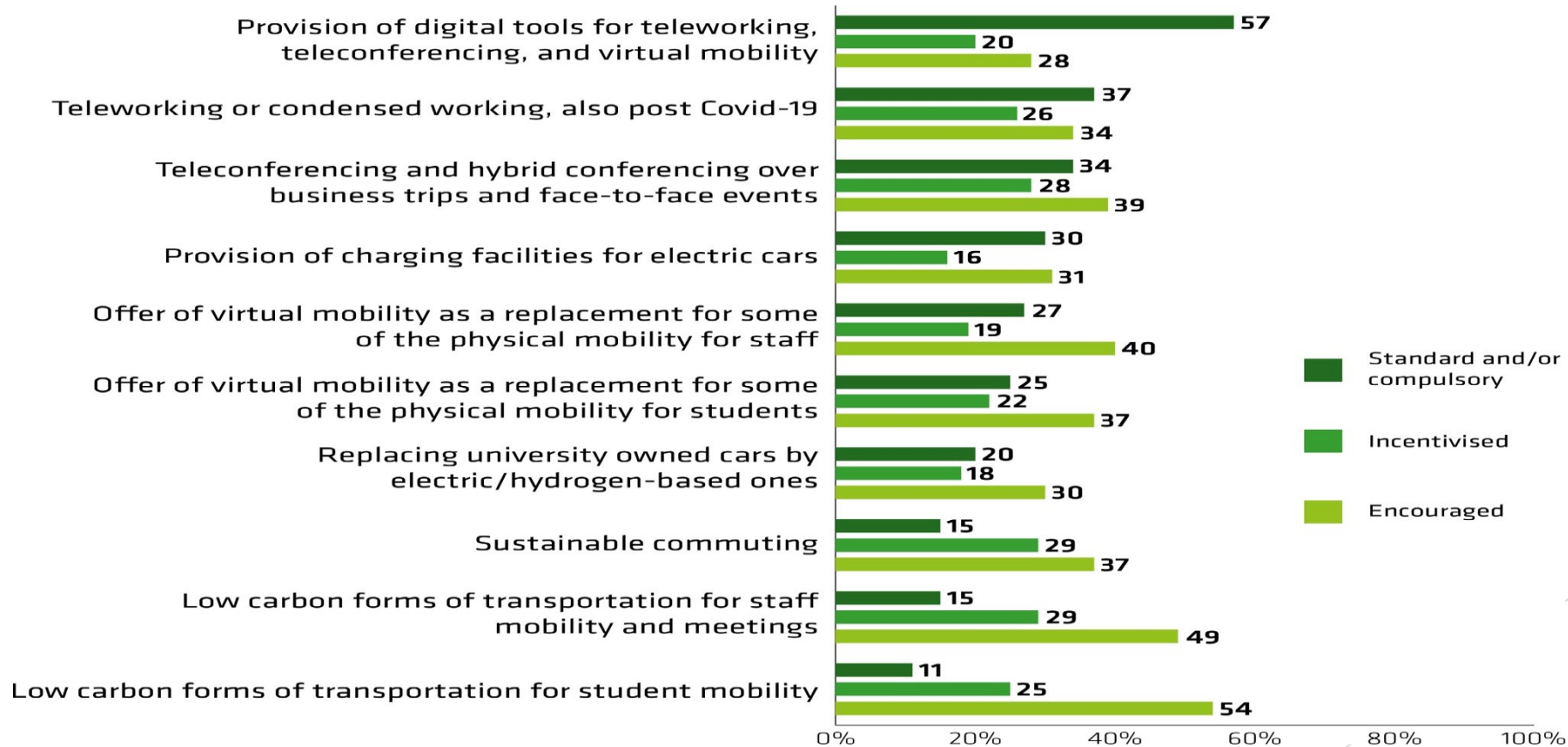
GREENING MEASURES AND ACTIVITIES

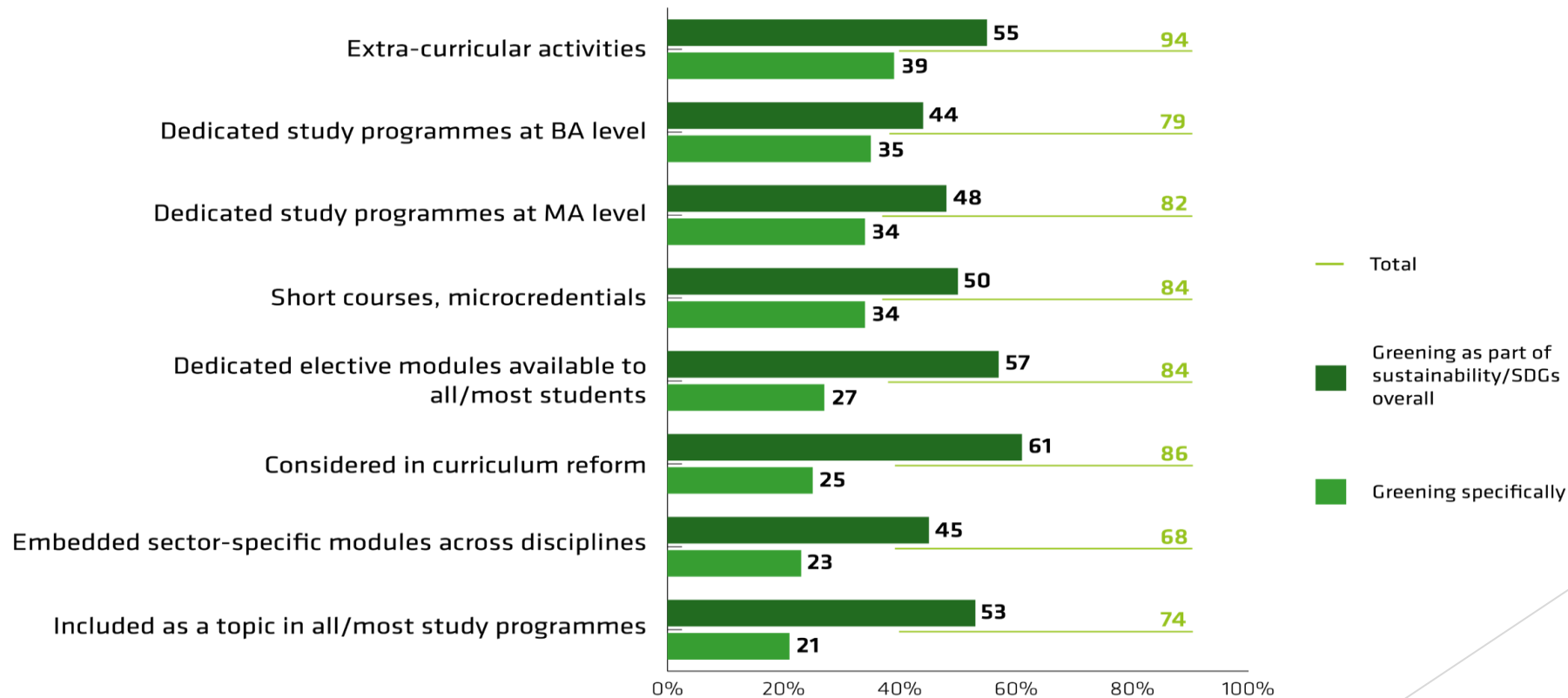*Q5: Does your institution have any greening measures in place? Please select one option.*

GREENING MOBILITY

Q6: Which of the following activities and measures take place at your institution? Please select all that apply in the following categories.
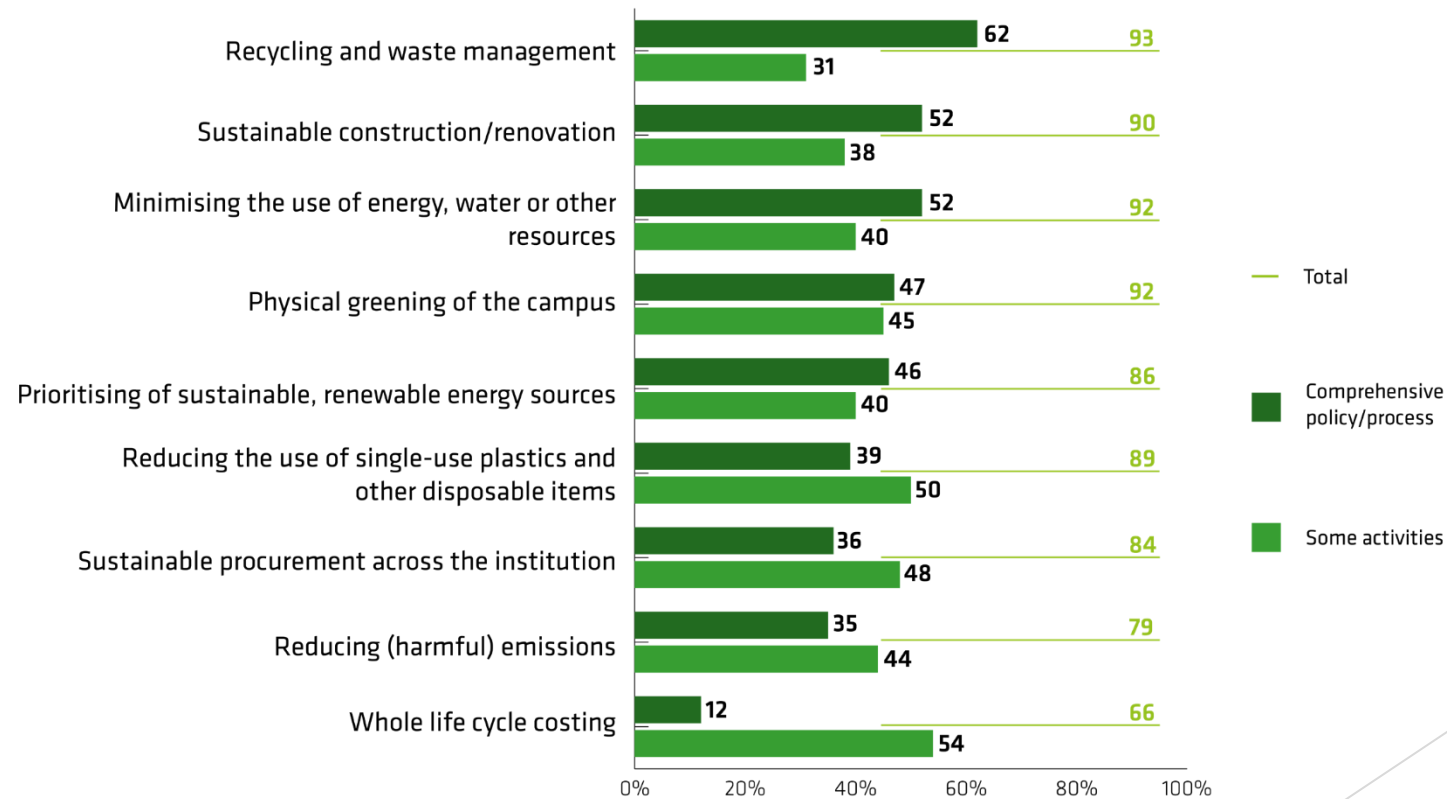
LEARNING AND TEACHING

Q6: Which of the following activities and measures take place at your institution? Please select all that apply in the following categories.

	Greening as part of sustainability/SDGs overall	Greening specifically	Total
Extra-curricular activities	55	39	94
Dedicated study programmes at BA level	44	35	79
Dedicated study programmes at MA level	48	34	82
Short courses, microcredentials	50	34	84
Dedicated elective modules available to all/most students	57	27	84
Considered in curriculum reform	61	25	86
Embedded sector-specific modules across disciplines	45	23	68
Included as a topic in all/most study programmes	53	21	74

GREEN CAMPUS

Q6: Which of the following activities and measures take place at your institution?
Please select all that apply in the following categories

The rest of the survey questionnaire is available online

RESEARCH AND INNOVATION

ENGAGEMENT AND COMMUNICATIONS

NETWORKS

STRATEGIES

LINKING POLICIES TO STRATEGIES

MONITORING

GOVERNANCE AND STEERING

DRIVERS

IMPACT AND BENEFITS

ENABLERS

IMPACT OF COVID-19

UI GreenMetric World University Rankings

Vision and Missions

Its vision is to be an open and respected World University Rankings which brings sustainable impacts to universities around the world. Our missions are:

1. Organizing annual World University Rankings on sustainability.
2. Encouraging sustainability practices in universities around the world.
3. Providing sustainability-related services for universities around the World.
4. Facilitating international partnership on sustainability.

956
Particiating Universities

80
Countries Around The World

2.553.576
Faculty Members

Methodology

Setting & Infrastructure

More space for greenery and in safeguarding environment, as well as the campus sustainable development budget.

Energy & Climate Change

Increase the effort in using energy efficiency appliances and develop renewable energy.

Waste

Some programs and waste treatments (i.e. recycling program, toxic waste, organic and inorganic waste, etc).

Water

Decrease groundwater usage, increase conservation program, and protect the habitat.

Transortation

Transportation policy to limit the number of private vehicles, pedestrian.

Education & Research

Courses, research, publication, website, report related to green and sustainability.

Uzbekistan in UI GreenMetric World University Rankings (2021)

1. (421) National University of Uzbekistan named after Mirzo Ulugbek
2. (496) Tashkent State University Of Law
3. (587) Tashkent State Agrarian University
4. (772) Tashkent Institute of Irrigation and Agricultural Mechanization Engineers
5. (790) Bukhara State Medical Institute named after Abu Ali ibn Sino
6. (792) Andijan Machine-Building Institute
7. (844) Denau Institute of Entrepreneurship and Pedagogy
8. (879) Akfa University

Recommendations for creating sustainability education at the university level

➢ Considering greening in their offer of extra curricula activities, in their study programmes BA, MA, in dedicated elective modules , and in their curriculum reform
➢ Establishing greening activities in place across the institution, individual departments or faculties in the future
➢ Providing digital tools for teleworking, teleconference and virtual mobility
➢ Promoting the use of green travel. More sustainable travel
➢ Working on reducing the environmental footprint of laboratory research or fostering the green use of shared research infrastructures
➢ Addressing recycling and waste management, sustainable construction and renovation, physical greening of the campus
➢ Engaging with partner institutions and student groups and organisations and going international
➢ Setting up strategies including concrete goals, targets and indicators to monitor progress on greening

References:

➢ https://eua.eu/resources/publications/982:greening-in-european-higher-education-institutions.html

➢ https://www.researchgate.net/publication/228627903_Seven_recommendations_for_creating_sustainability_education_at_the_university_level_A_guide_for_change_agents

➢ https://greenmetric.ui.ac.id

➢ https://erasmus.uz/storage/files/HEREs/Journal_HEREs_%E2%84%9611_08.07.2022%20_%20latest.pdf

Thank you for your attention