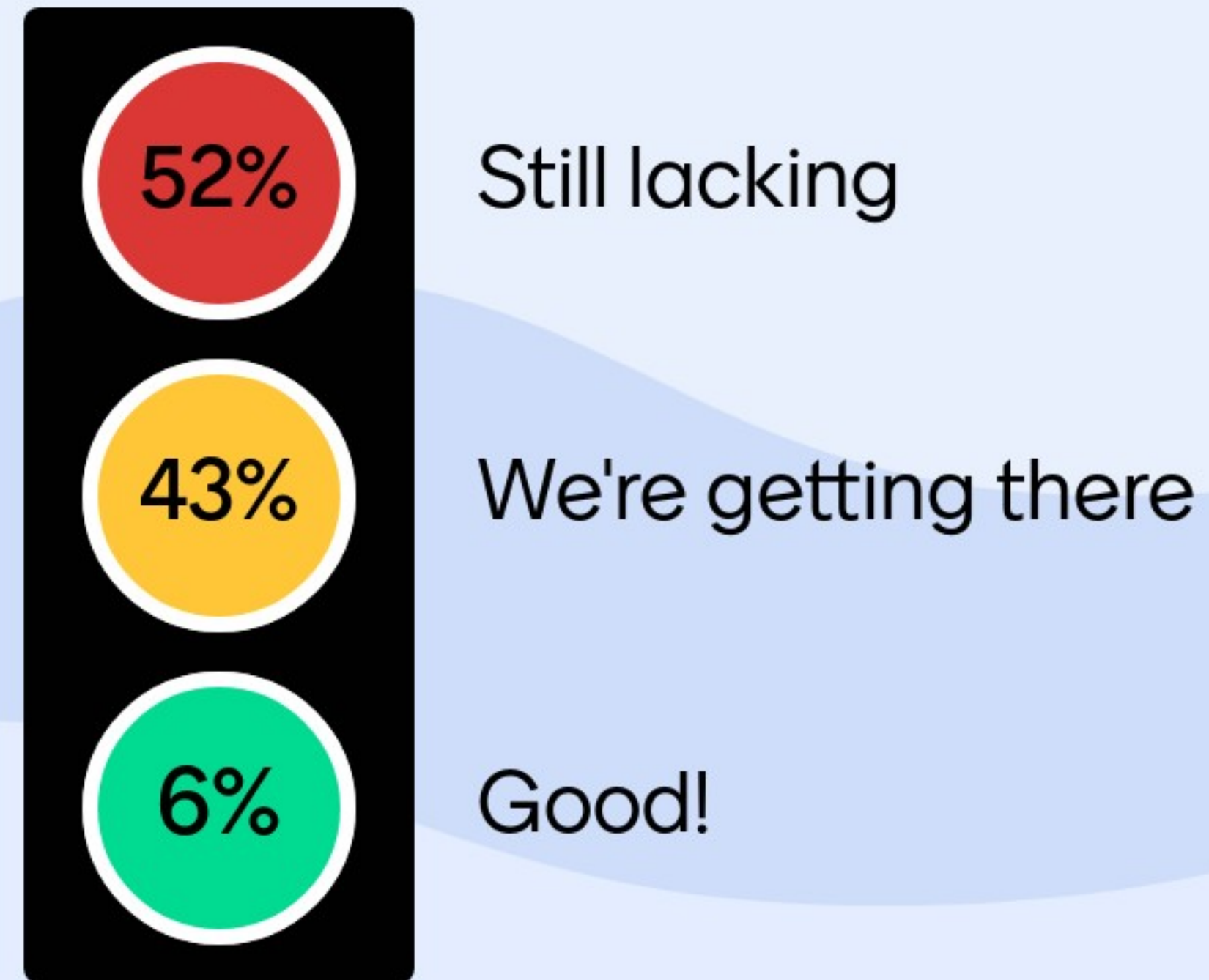


Status Quo on TU Delft Climate Education?



What do you want to see in terms of a climate curriculum? What topics or content appeal the most?

Basic knowledge that will alarm people

The basics of global change and the climate system

More electives regarding sustainability

Back to school with climate science

The notion that technology won't save us

Impact of engineering interventions on climate

Everything about climate is disproportionate: impact, responsibility, and prospects in coping. History of technology and its role in climate change, current politics, and future pathways to justice?

Degrowth

What do you want to see in terms of a climate curriculum? What topics or content appeal the most?

Climate solution space and core technologies.

Doughnut economics

The social justice side of sustainability. The solutions we design should benefit everyone!

Compulsory climate education in bachelor studies

Climate justice

Decolonizing Sustainability

Critical look at the limits of technology within a growth oriented, consumption driven, capitalist system.

Sustainability can be a part of ANY course, even if it is limited to sustainable versions of an example. Lecturers need support to integrate this into their course.

What do you want to see in terms of a climate curriculum? What topics or content appeal the most?

Systems thinking related to sustainability. Motivational lectures how you can contribute to sustainability personally, your studies, work, research, extra curriculum

Climate fresk

Climate science, but also a critical analysis of the power dynamics between stakeholders

Insights into the impact of existing design solutions on emissions, energy, health and biodiversity and exploration of better design solutions

Basic knowledge for all future TU Delft engineers. And on top of that extra knowledge in electives and interfaculty/transdisciplinary projects

Education about reusing existing resources instead of producing new ones

Sustainable and energy efficient product development

Attention to the needs of the Global South

What do you want to see in terms of a climate curriculum? What topics or content appeal the most?

Justice

A more historically grounded approach and critical reflection. Client projects engender solutionist thinking.

Connect core skills in the student programs climate challenges. Make students feel what they can provide to society.

Basics: R-strategy: remove, reduce, recycle, repair, re-use etc

LESS 'we will solve it'
engineering
SOLUTIONISM

Post-growthEcological
crisis

Climate FRESK + essay about
a desirable future or ideal to
fight for

Broden your cooperation and
climate education to other
countries and educational
institutes

What do you want to see in terms of a climate curriculum? What topics or content appeal the most?

How to combine the best of both: using AI in connection to make impact on climate topics

A compact newsletter about all climate-related initiatives for all TU Delft students instead of separate emails

Analysis & critique of the social structures enabling climate change, not just the technical narrative.

Planetary boundaries

Mandatory fundamentals of climate change (eg climate fresk), applicability of the topic to own discipline (eg project work), countering tech optimism, encouraging transdisciplinary thinking.

panel students explain their engagement due to "awareness" or "personal interest" or a nontechnical trajectory. Offer human science courses to provoke awareness and "humanistic transition".

Presenting Opportunities and working towards solutions

Critical take on green growth

What do you want to see in terms of a climate curriculum? What topics or content appeal the most?

Human science courses

More critical discussion on the role of technology.

Climate action is a way to hold and improve our top competitive edge as TU Delft and Dutch society, stay ahead with new technologies. Look at it as investment NOT as costs

The solution to climate is not technology alone. "Global governance like courses explain the world - geopolitics- etc. that is the big part of the problem

More student panels

Mandatory education in all BSc programs. Incorporate Fresk for example.

listen very well to what is already happening in TUD education and learn from that

More of these sessions
Make it obligatory

What do you want to see in terms of a climate curriculum? What topics or content appeal the most?

Involving students into the process of creating curriculum of studies!!

Get everyone to do the ITAV rhetorica / debating course and get them to debate climate issues

Educators who understand the intersection between their respective fields and climate change, and the necessary support to help them succeed

Successful initiatives, show how students can help

Every bit helps, so just let people contribute from their perspective

Now

What is needed to achieve the further integration of climate into the curriculum?

Less focus on projects

A course in global history

Motivated teachers

Some Marxism, maybe?

a master plan

Force

Share best practices

(Seriously!)



What is needed to achieve the further integration of climate into the curriculum?

It being an integral part and not an add-on

Mandatory curriculum for climate education. For example Fresk as part of BSc.

Courses on climate science and integration of sustainability into all engineering disciplines

Understanding quantities better and putting into own's perspective

Teachers with knowledge and focus on climate-related issues

Top down and bottom up support. Taking small steps to start with. A community.

Make it clear to educators and students why it is so important to teach/learn about the climate crisis

Make the end goal clear and work backwards on actionable blocks

What is needed to achieve the further integration of climate into the curriculum?

Allocate time to it and eliminate parts that focus merely on increasing capital gains. Students need it in their curriculum, maybe they have to work or do carework outside their studies!

Embedding of climate challenges into the overall TUD narrative

Call to action to managers and supervisors, funding and managerial support

Commitment from the top and a clear path for lectures to follow, collaboration

Mandatory training for teachers on how to incorporate climate in their teaching.

Showing that with sustainability in mind you can still fulfill your ambitions/build profit

Leaders publicly setting the example of critically reflecting on society and global corporate injustices.

make engineers human again

What is needed to achieve the further integration of climate into the curriculum?

listen to what is already happening in TUD education. You don't need to convince all. Start supporting those that already pioneering

Start by the beginning: educate educators to the urgency Climate FRESK mandatory for ALL educators

Eindhoven University has a second year project course which multidisciplinary mixes all students. Creating groups projects with all studies. Mixing this with a climate related project would be great.

Have a climate fresk be the 1st thing 1st year students do, so they are empowered on day 1 to address climate change

Teach also teachers

More student panels

Promoting projects of TU Delft students and alumni that integrate climate sustainability

Understand the issues, build the literacy, understand impact and resolutions, focus and work on a related program/project in your specialism and share with others.

What is needed to achieve the further integration of climate into the curriculum?

Financial support for courses and initiatives depending on the extent to which they integrate sustainability

Integratie within each discipline, field

The professors need time to be engaging with climate exchanging knowledge themselves- if it's being integrated into every course, teachers should be also grappling seriously with the issues

Yesterday

Day 1

In small topic related snippets, well integrated in all courses.

What would be the right moment to bring climate action into education?

Now!

Now

Kindergarten

10 years ago

Preschool

Evers moment

Now!

Yesterday



18



What would be the right moment to bring climate action into education?

Yesterday

Day 1

Day 1 of 1st year

All throughout

First year

Primary school

1st year

ASAP, but every stage in general consecutively



18



What would be the right moment to bring climate action into education?

1st year Bachelor

Bsc 3 year

All throughout the BSc and MSc

While advertising TUD programs

Everywhere in every module, add the climate angle. Every bit helps

the best moment has already passed. start today. we cannot wait longer

Every year of your education years

In every year

What would be the right moment to bring climate action into education?

Introduce a course on sustainable stewardship by Nina de Korte (she's a very knowledgeable and convincing speaker too!)



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Climate Edu-Action is...

Waiting for responses ...

