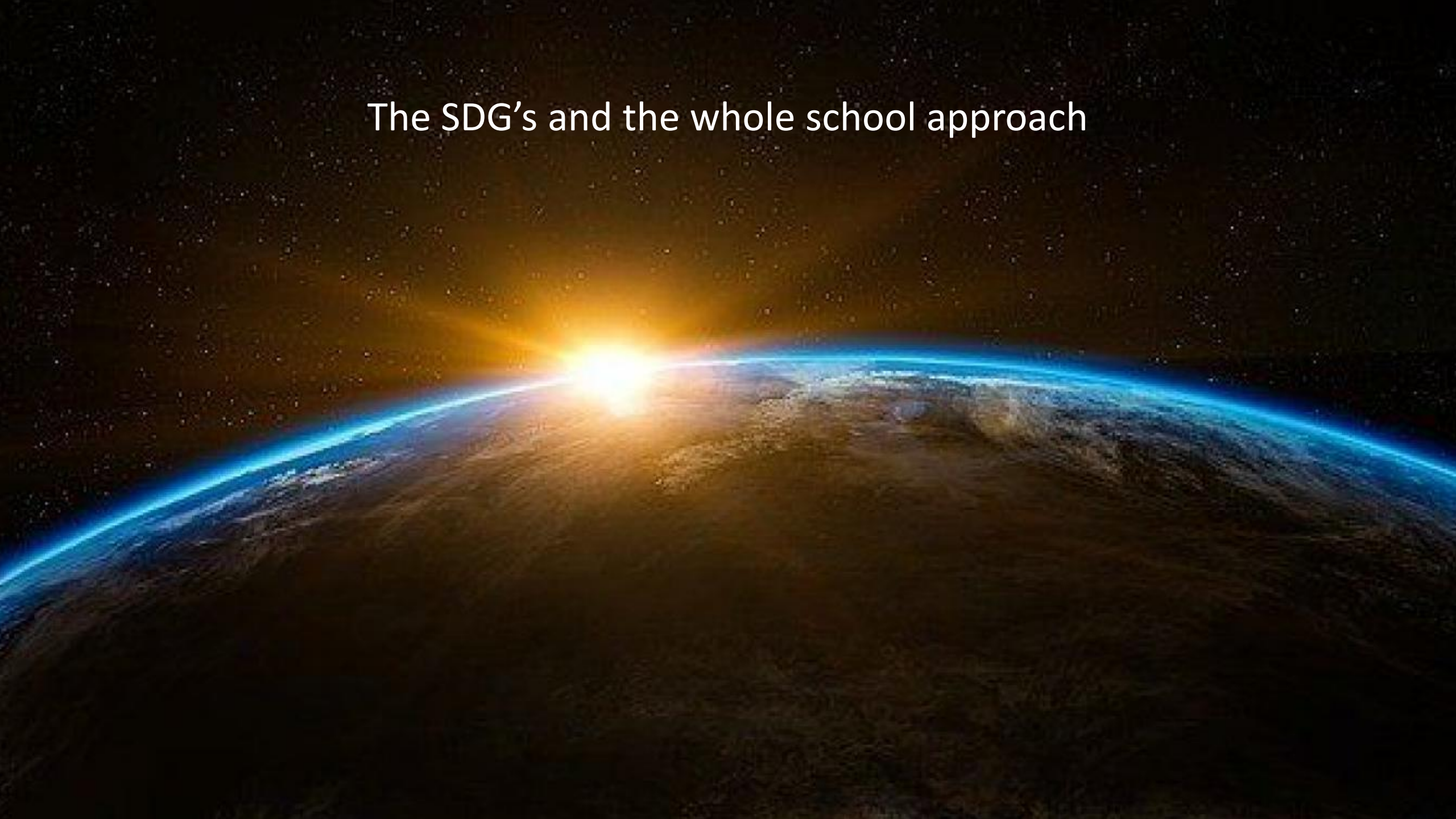


The SDG's and the whole school approach

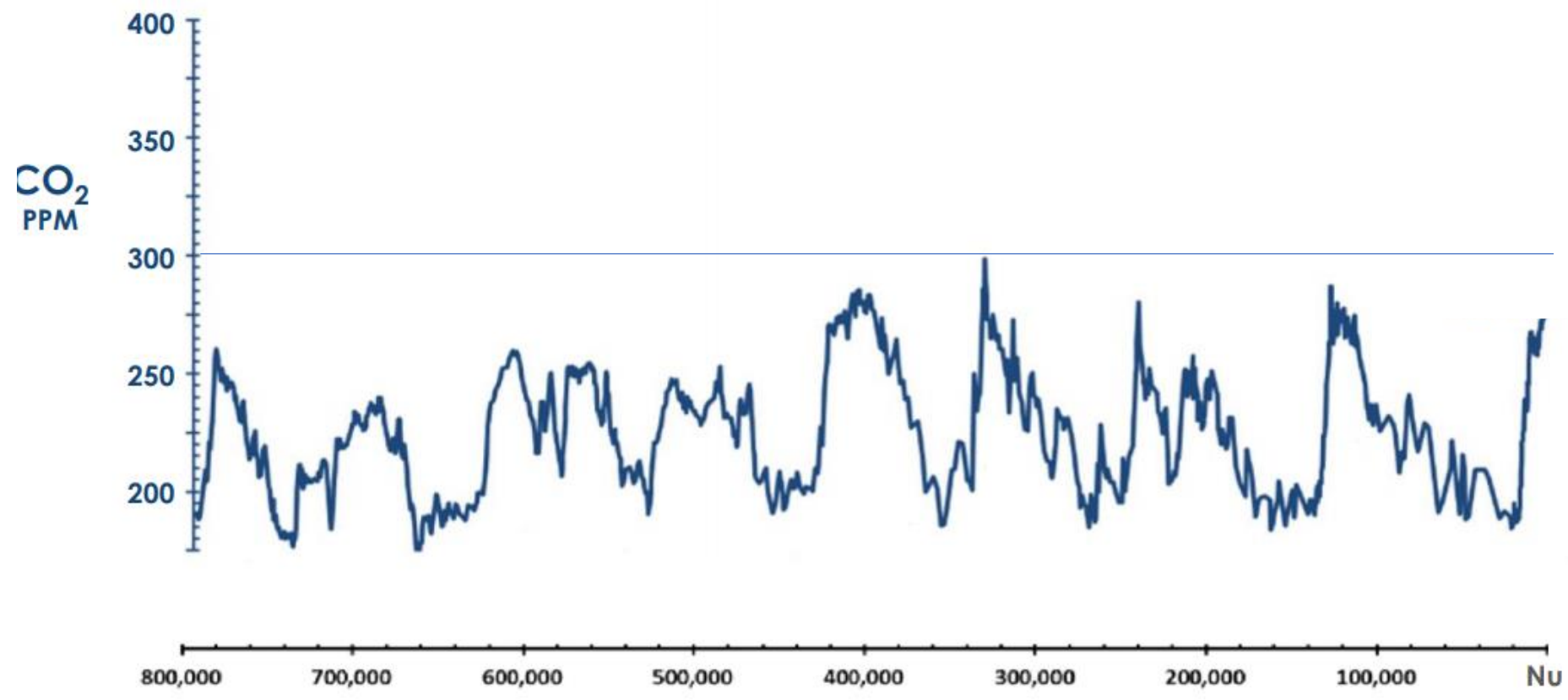


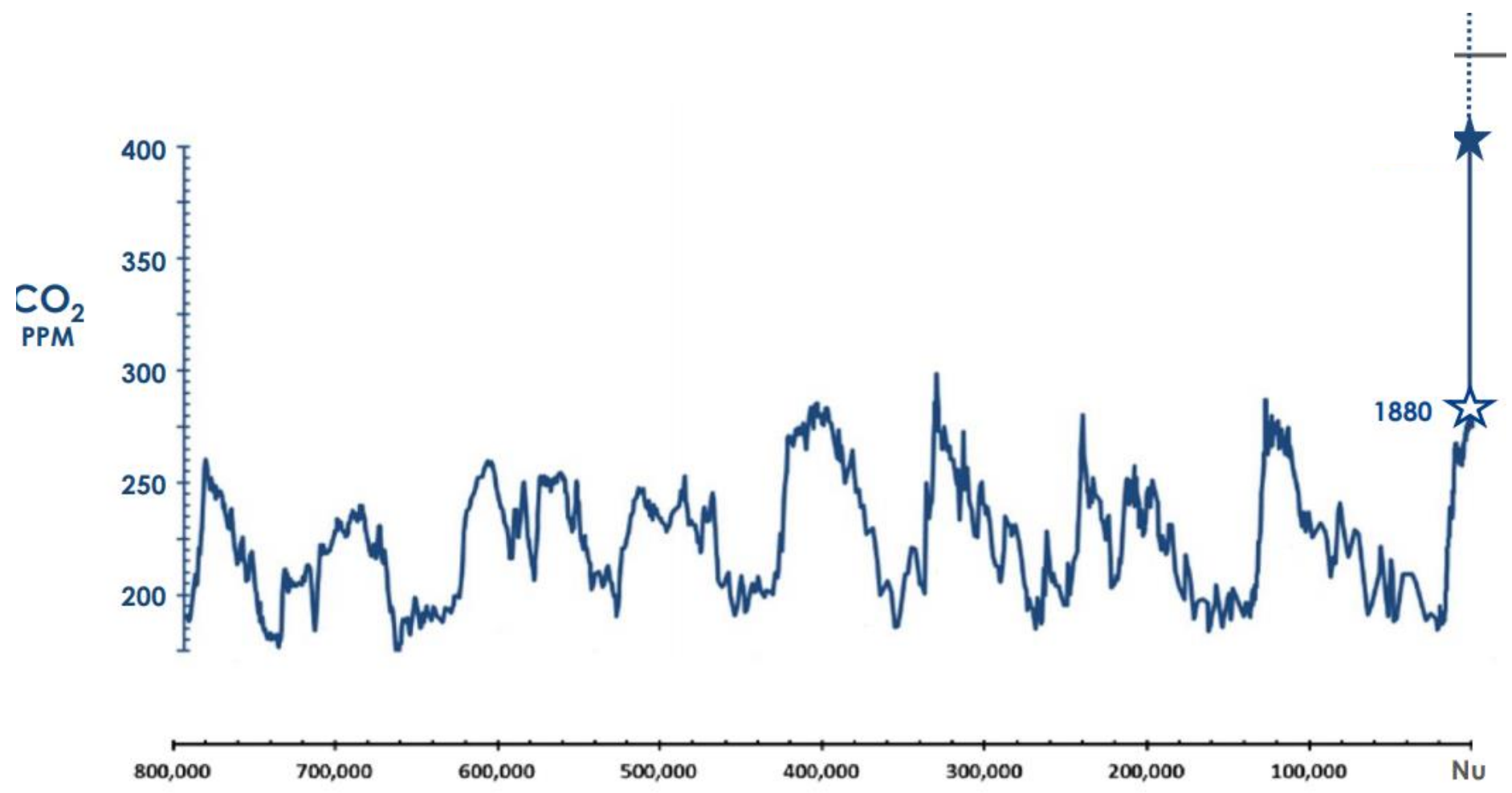


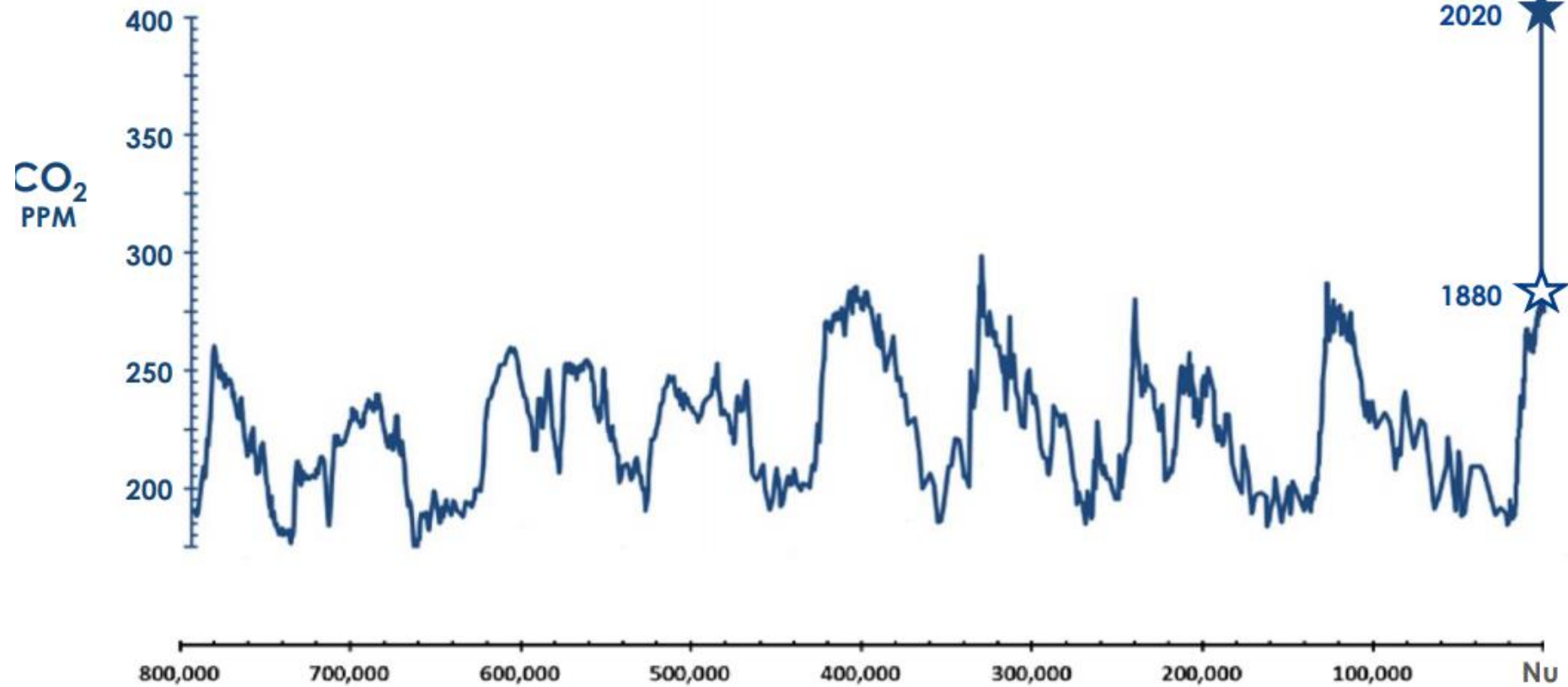
Happiness for ever

Happiness 4 all 4 ever

Happiness for all





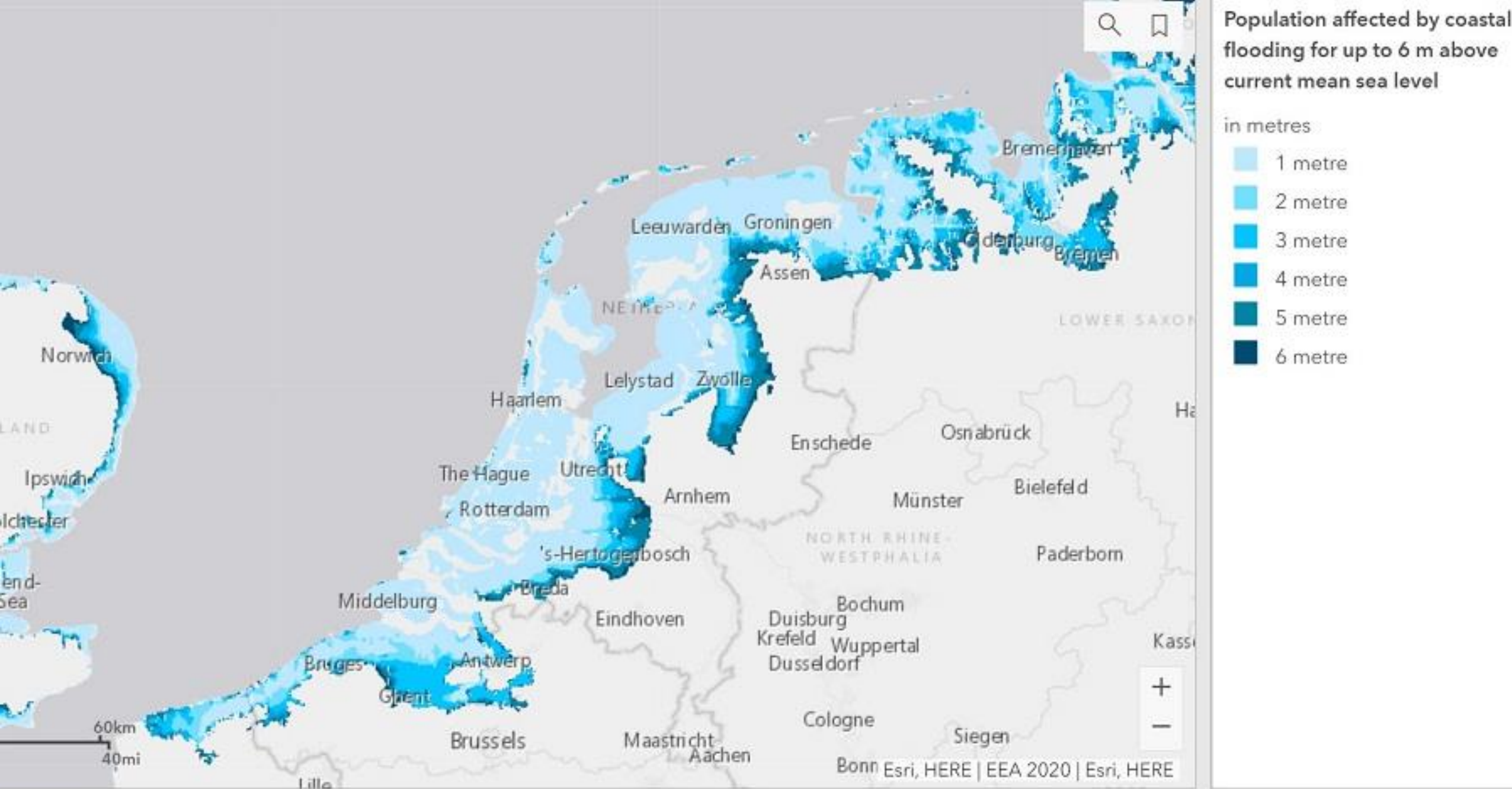




Irma







Population living within the respective height above mean sea level (in metres):



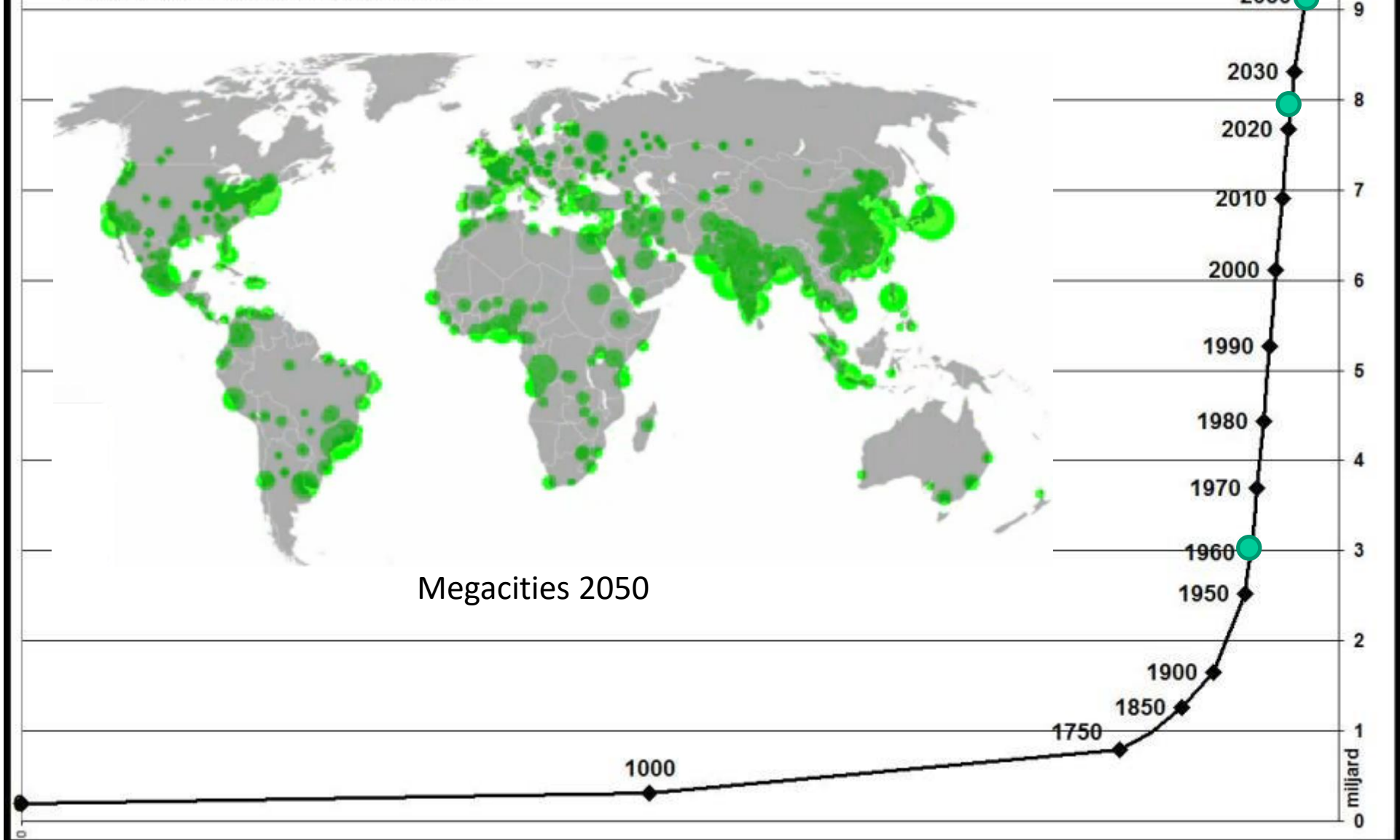






groei wereldbevolking, AD 0 - 2050

Bron: UN The 2008 Revision Population Database



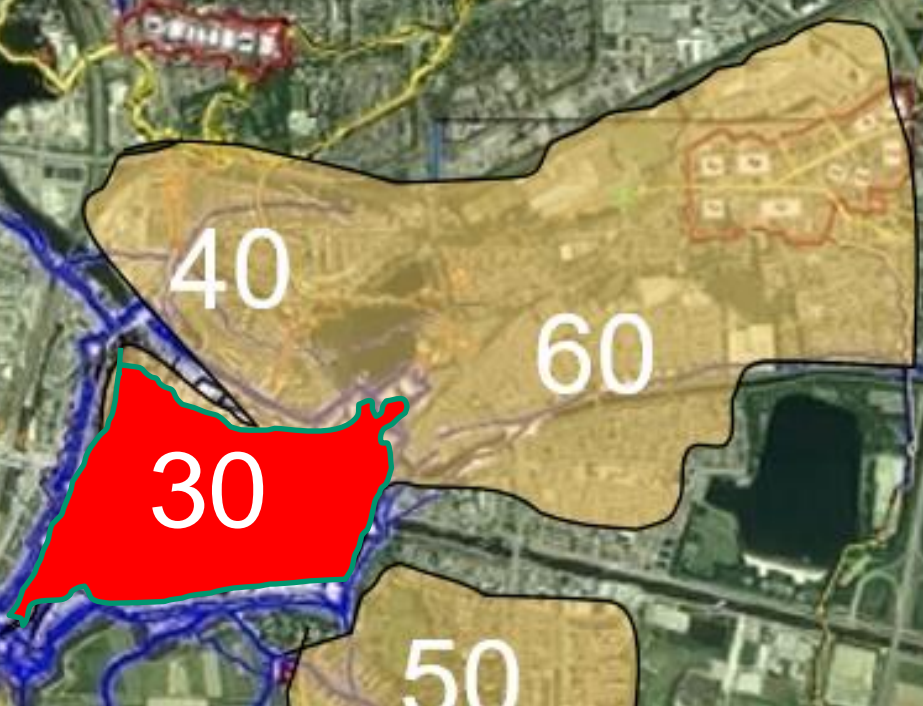
Megacities 2050

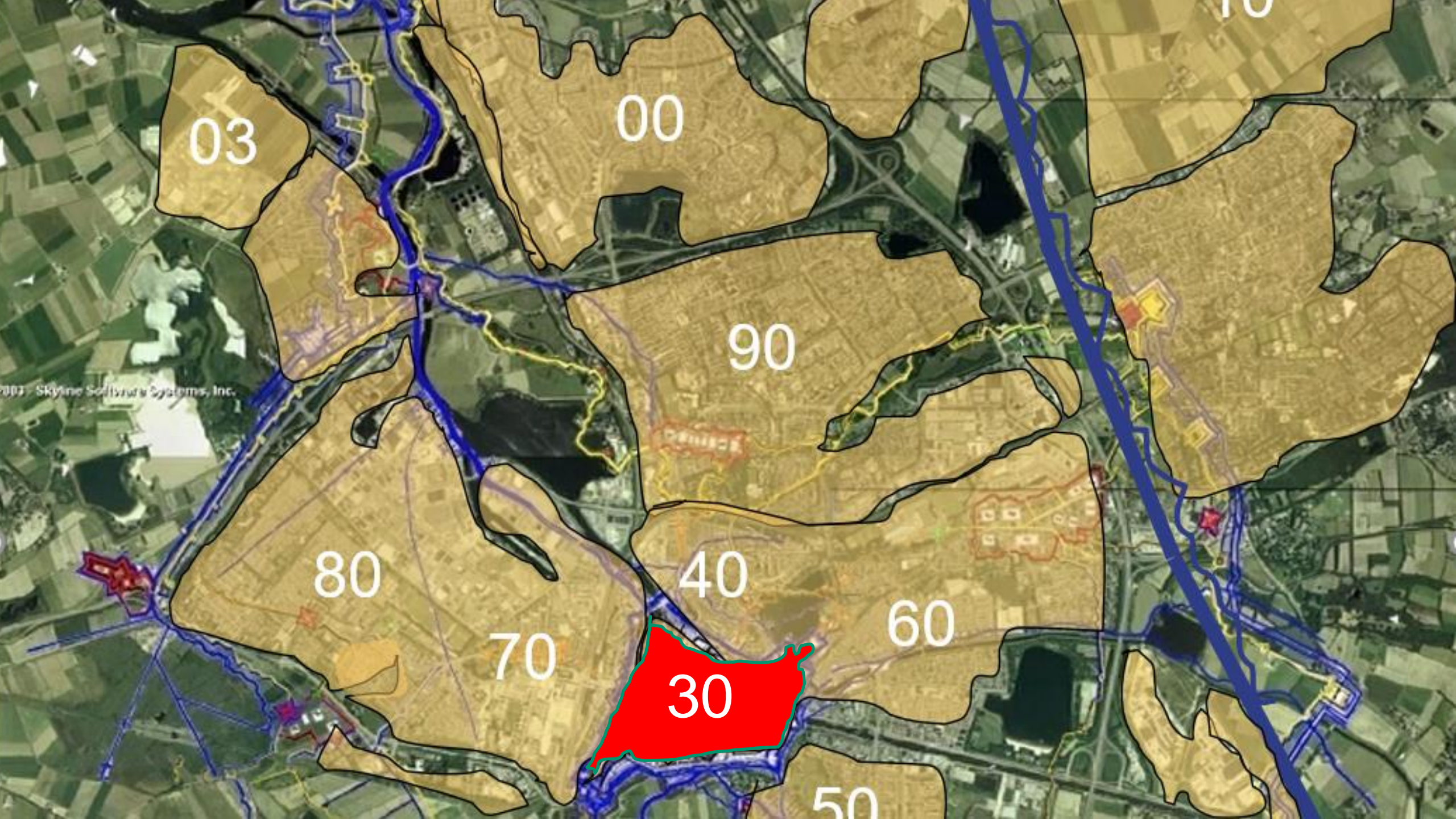






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03

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10

90

80

40

60

70

30

50

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groei wereldbevolking, AD 0 - 2050

Bron: UN The 2008 Revision Population Database

Energy use

Material use

Tourism

Aviation

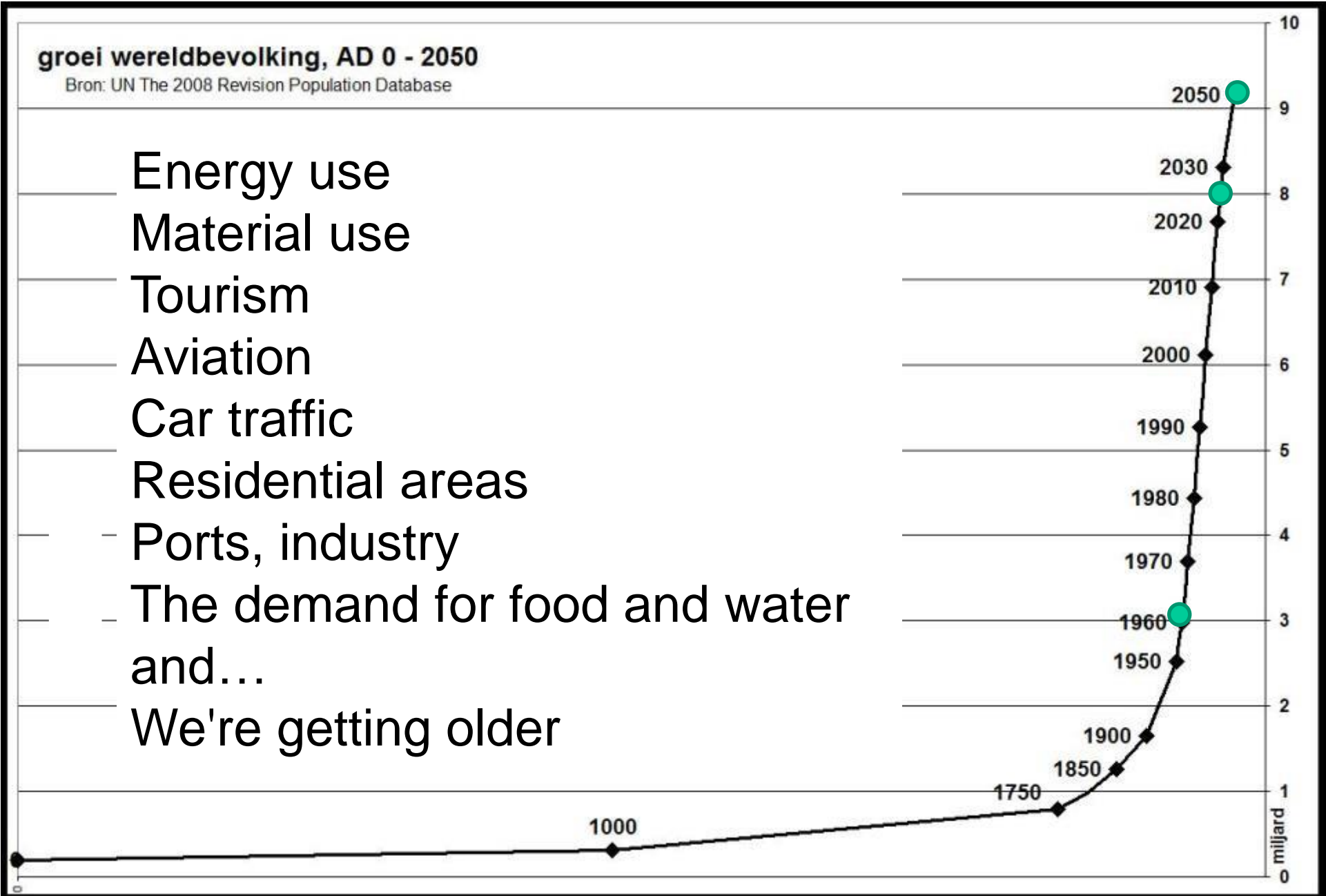
Car traffic

Residential areas

Ports, industry

The demand for food and water
and...

We're getting older







'We The People' for The Global Goals | Globa...



Watch later



WE THE PEOPLE

FOR THE GLOBAL GOALS

Watch on  YouTube

Stay within the boundaries of the planet

Planet

Energy transition

Circular economy

R1

No or less

R2

Renewable

R3

As long as possible

Stay within the boundaries of the planet

Planet

Energy transition

Circular economy

R1.1

Refuse

R1.2

Reduce

R1.3

Rethink

R1.4

Redesign

R2.1

Renewables

R3.1

Repair

R3.2

Re-use

R3.3

Refurbish

R3.4

Remanufacture

R3.5

Repurpose

R4.1

Recycle

R4.2

Recover

Stay within the boundaries of the earth

Planet

Energy transition

fossil -> renewable energy



Circular economy

bio- techno cycle





Every year we consume what nature has recorded in 1 million years.



Duurzame energie



Stay within the boundaries of the earth

Planet

Energy transition

fossil -> renewable energy



Circular economy

bio- techno cycle





Design



Disassembly



verwerken



biogas



terugname



Design



Disassembly



verwerken



biogas



terugname



Refuse



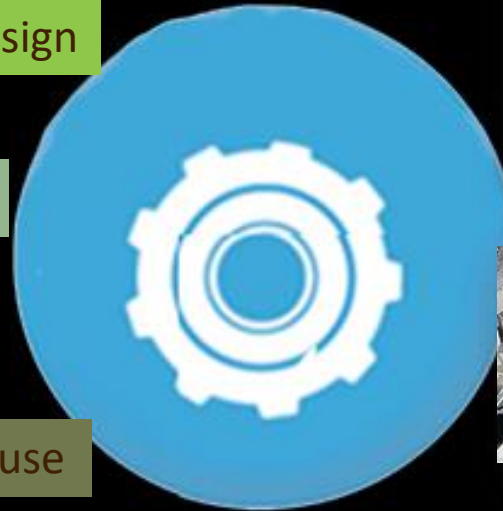
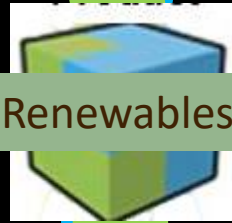
Reduce



Rethink

Redesign

Renewables



verwerken

Repair

Re-use

Refurbish



Remanufacture



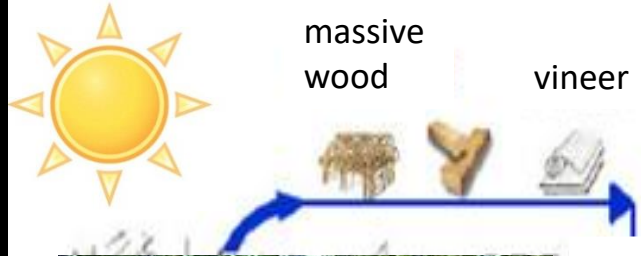
Repurpose

Recycle

Recover

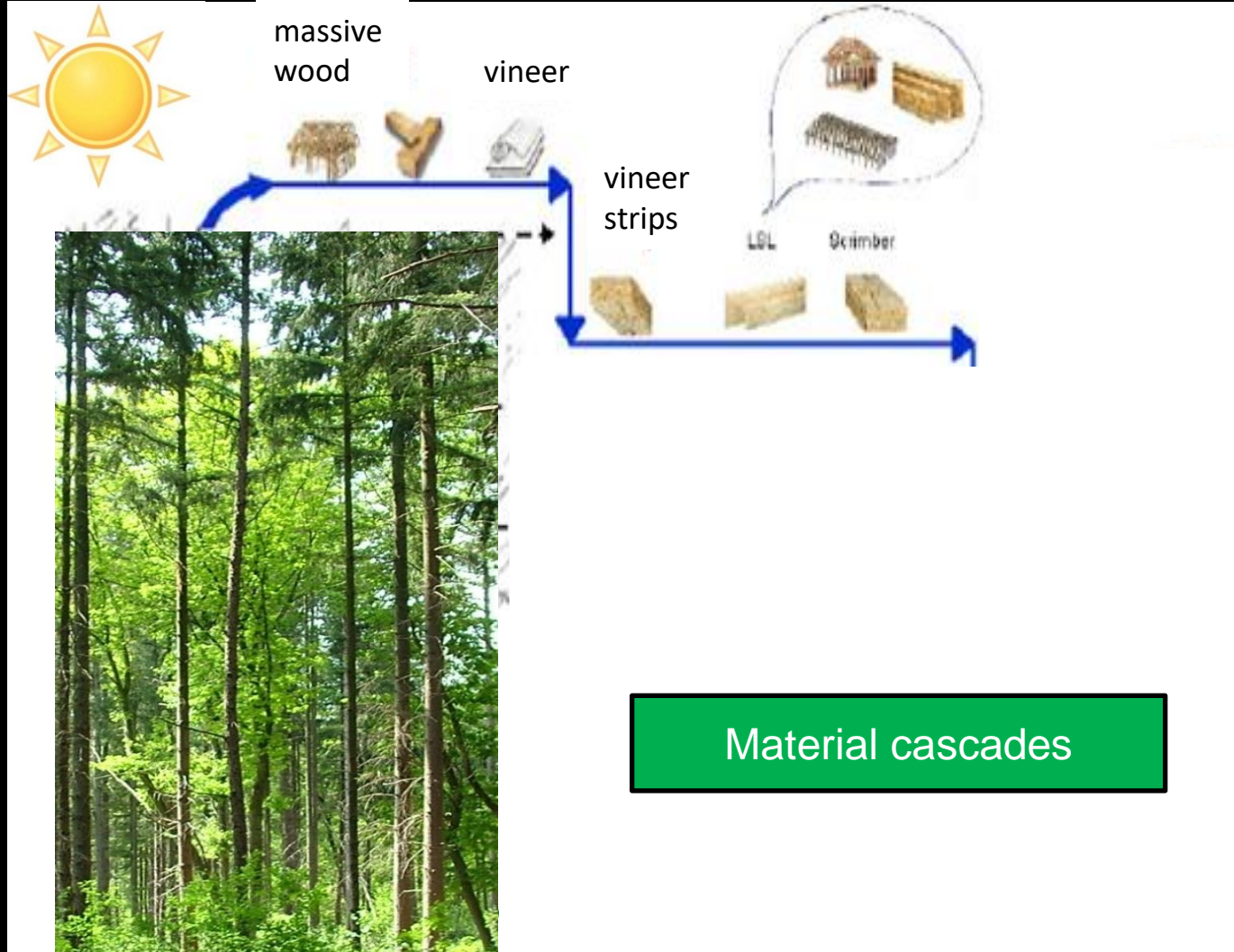


As long as possible



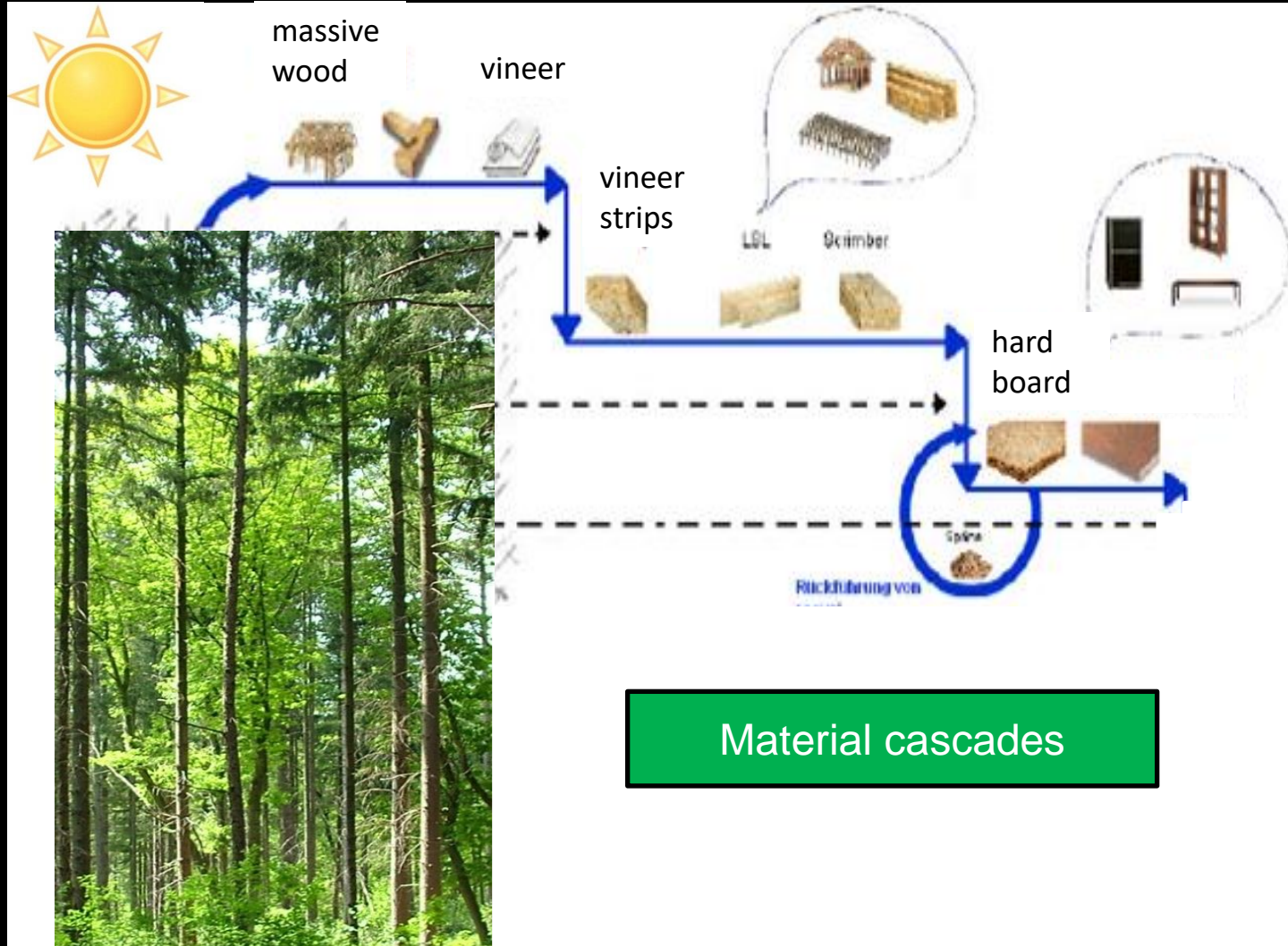
Material cascades

As long as possible



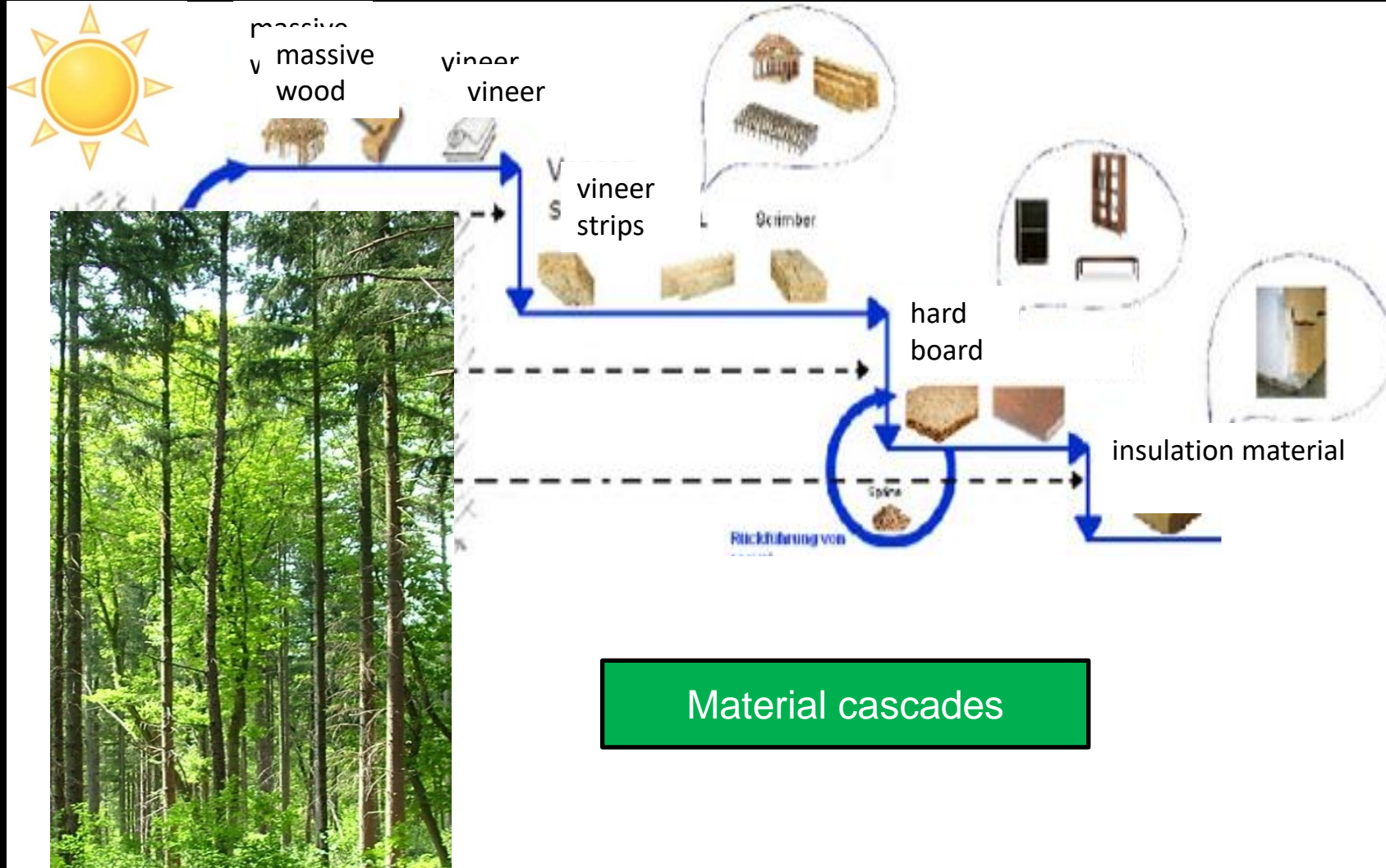
Material cascades

As long as possible



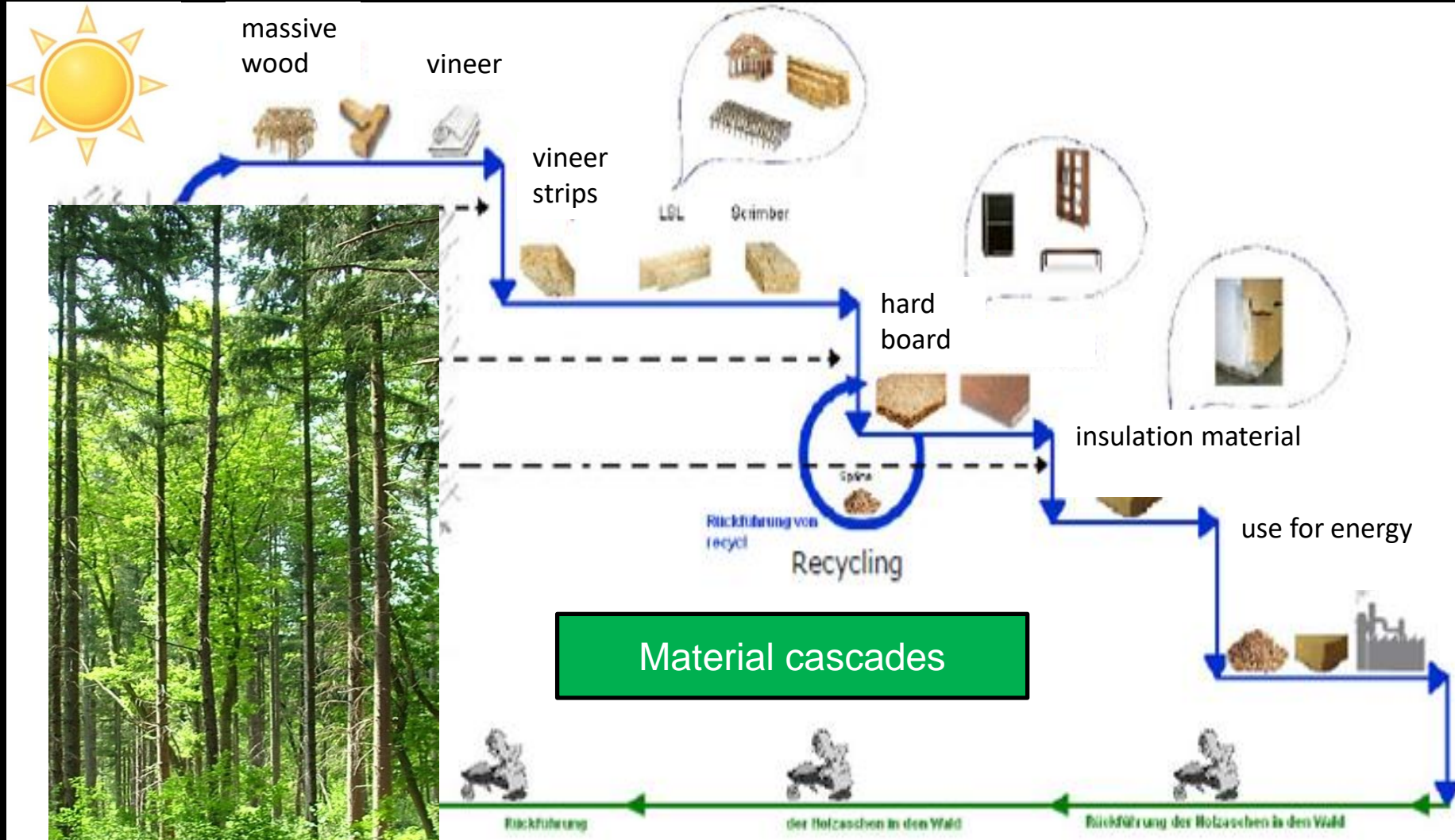
Material cascades

As long as possible



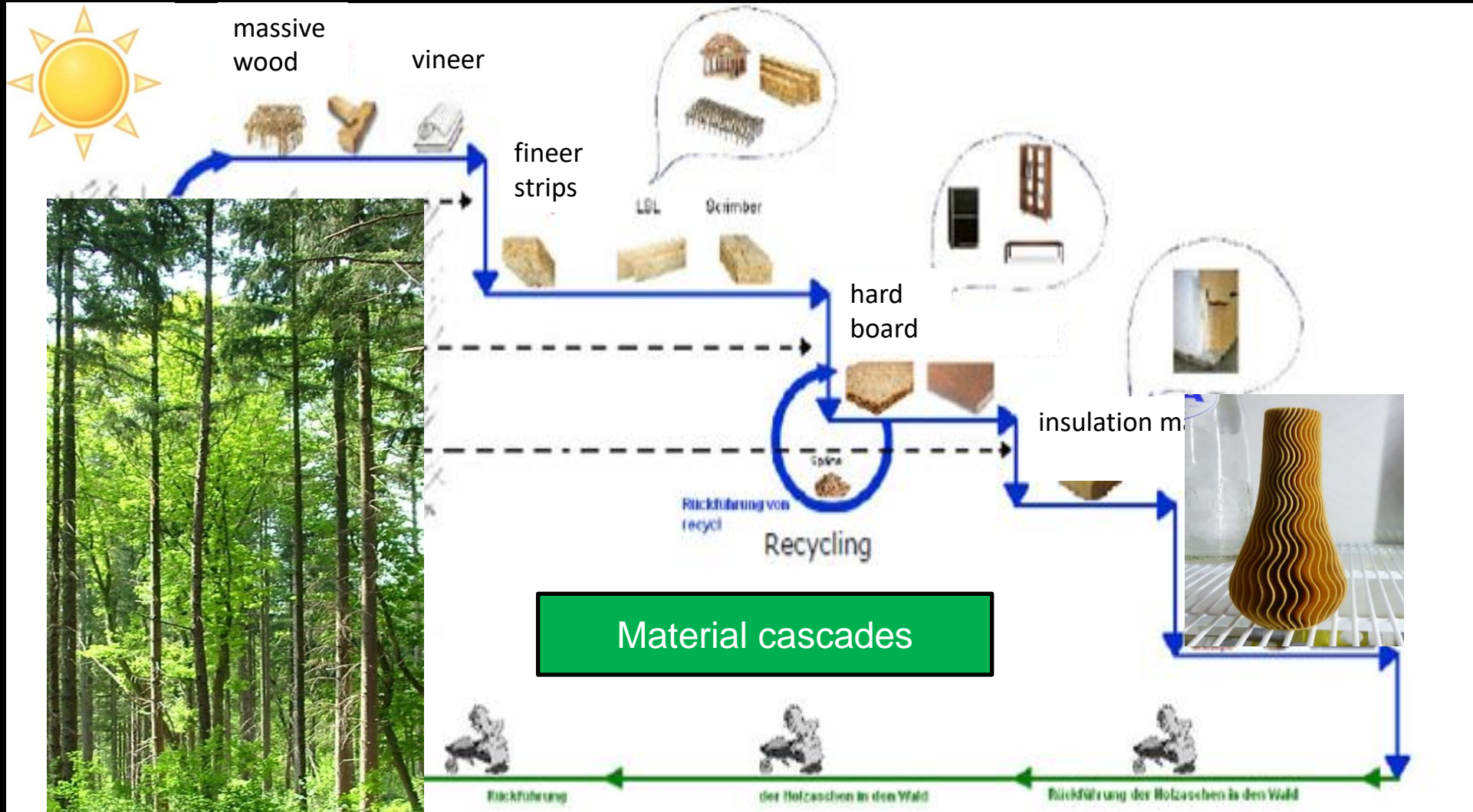
Material cascades

As long as possible



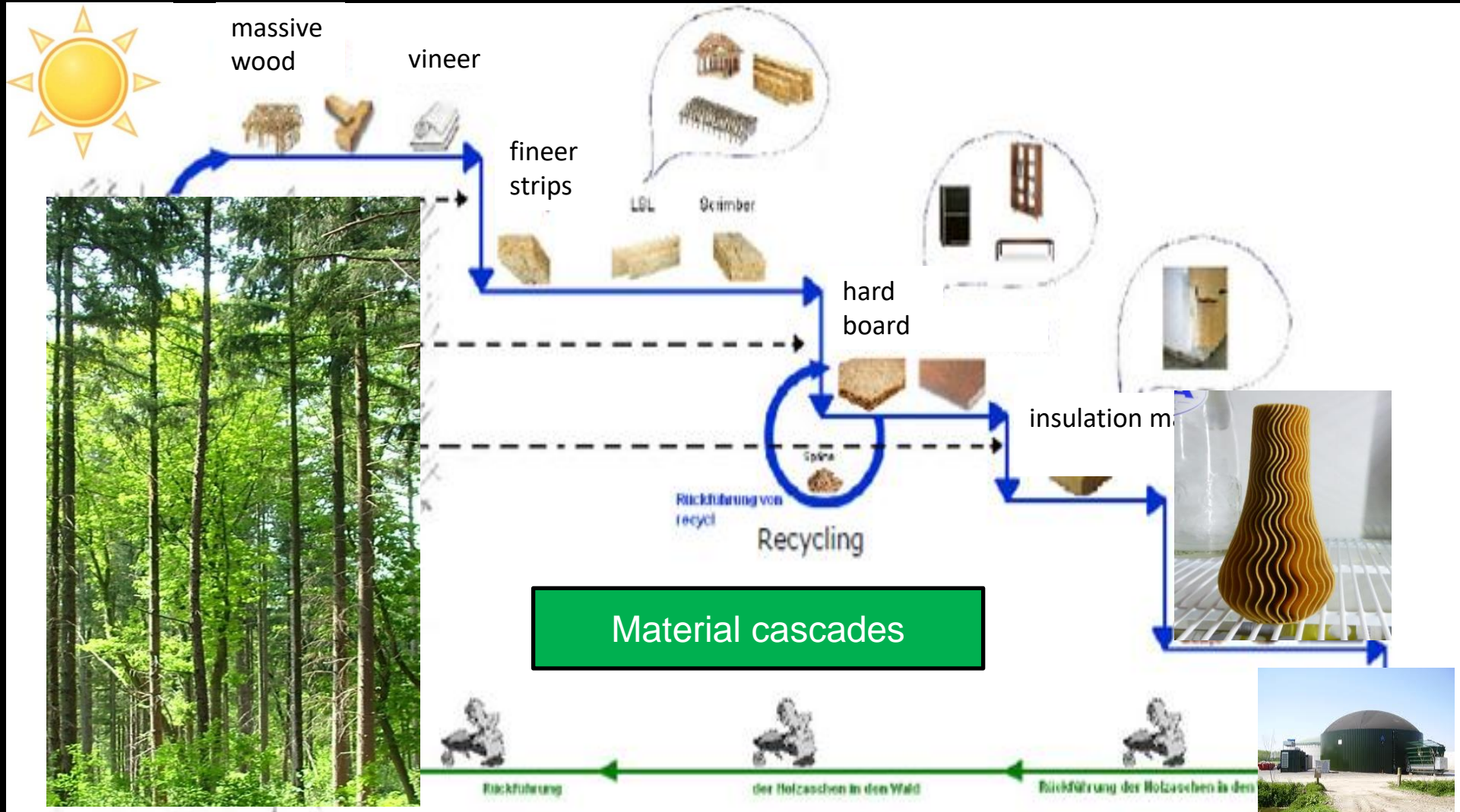
Breng de as weer in de bossen

As long as possible



Brenng de as weer in de bossen

As long as possible



Breng de as weer in de bossen



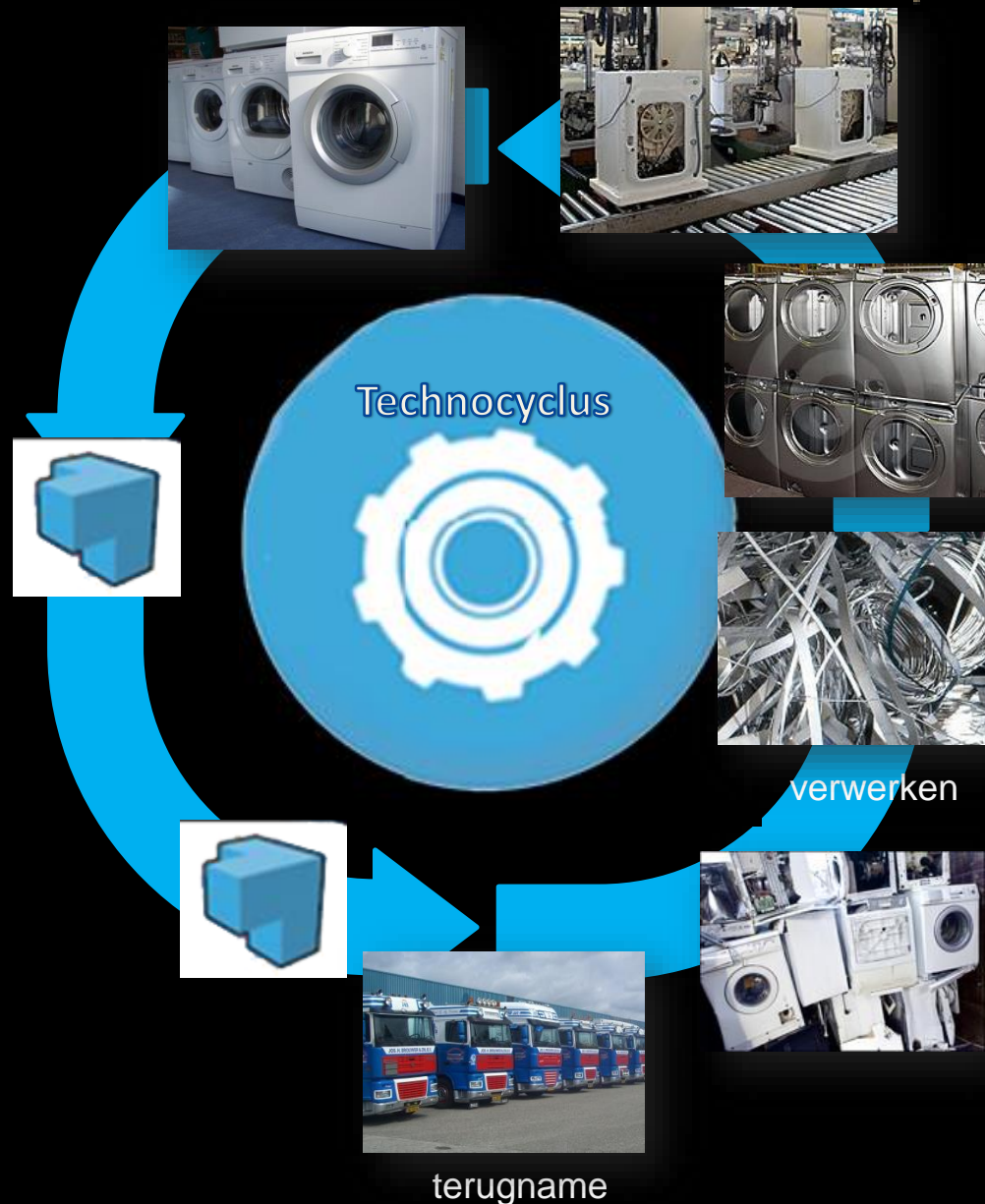
Technocyclus



Performance based economy de-ownership
buy use and not the product.

Product as a service

- do not buy lamps but
 - do not buy a car but
 - do not buy an HR boiler but
 - do not buy a fridge but
 - don't buy a TV but
 - do not buy carpet but
 - do not buy furniture but
 - do not buy a washing machine but
 - do not buy CDs but music
 - do not buy a mobile phone but
- (KPN repair within four hours)

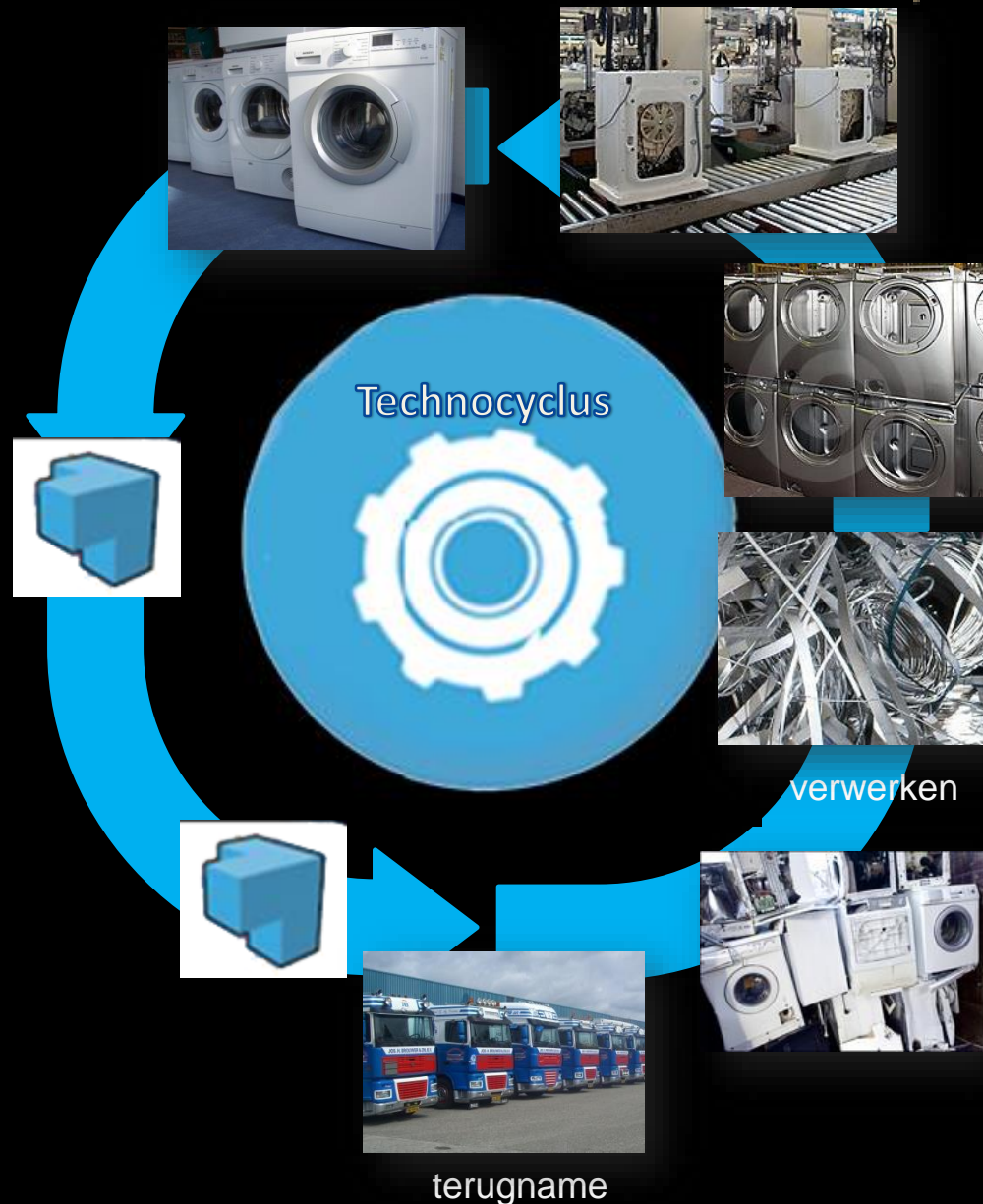




Performance based economy de-ownership
buy use and not the product.

Product as a service


- do not buy lamps but light
- do not buy a car but mobility
- do not buy an HR boiler but heat
- do not buy a refrigerator but cooling hours
- do not buy TV but viewing hours
- do not buy carpet but walking hours
- do not buy furniture but hours of use
- do not buy a washing machine but washes
- do not buy CDs but music Spotify
- do not buy a mobile phone but connectedness (KPN repair within four hours)



Swap bike







Stay in between the boundaries of this planet

Planet

Energy transition

Circular economy

Economy

Profit

Social

People

Biodiversity

17 PARTNERSHIPS FOR THE GOALS



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



12 RESPONSIBLE CONSUMPTION AND PRODUCTION



planet

7 AFFORDABLE AND CLEAN ENERGY



8 DECENT WORK AND ECONOMIC GROWTH



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



profit

1 NO POVERTY



2 ZERO HUNGER



3 GOOD HEALTH AND WELL-BEING



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



16 PEACE, JUSTICE AND STRONG INSTITUTIONS



people



Happiness for ever

Happiness 4 all 4 ever

Happiness for all

Whole School Approach



- Why
- What
- How
- Where
- Who
- With



what

how

where

who

who

school environment

curriculum

pedagogy & didactics

management & operations

professional development

vision

why and to what end do we learn?

- 17 PARTNERSHIPS FOR THE GOALS
- 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
- 15 LIFE ON LAND
- 14 LIFE BELOW WATER
- 13 CLIMATE ACTION
- 12 RESPONSIBLE CONSUMPTION AND PRODUCTION
- 11 SUSTAINABLE CITIES AND COMMUNITIES
- 10 REDUCED INEQUALITIES
- 9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
- 8 DECENT WORK AND ECONOMIC GROWTH
- 7 AFFORDABLE AND CLEAN ENERGY
- 6 CLEAN WATER AND SANITATION
- 5 GENDER EQUALITY
- 4 QUALITY EDUCATION
- 3 GOOD HEALTH AND WELL-BEING
- 2 ZERO HUNGER
- 1 NO POVERTY

What

Technics / Building
Trade / Fincance
Care / Lifestyle
Green / Food
Gap analysis and bridging

How

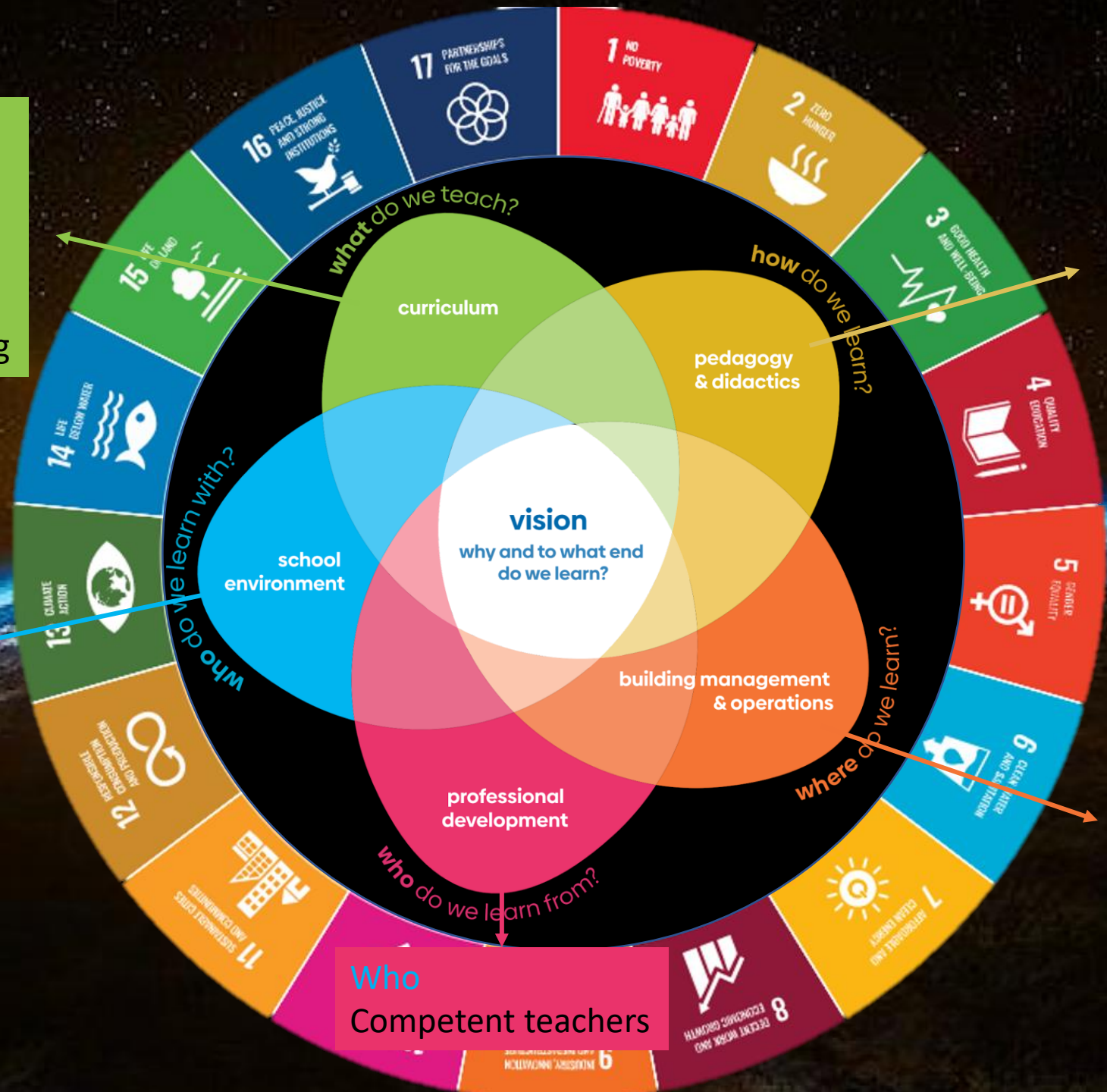
Good examples
Challenges
Hackatons
Climatons
Attractive Relevant
Circular learning
E-twinning

With

Companies
NGO's
Municipalities
Local
Regional
National
European
International
Mondial

Where

Housing
Energy
Water
Waste
Catering
Mobility
Biodiversity
Purchase
Communication



what do we teach?
curriculum

how do we learn?
pedagogy & didactics

who do we learn with?
school environment

where do we learn?
building management & operations

who do we learn from?
professional development

Who
Competent teachers

vision
why and to what end
do we learn?

- Why



Vision, mission, objectives (KPIs)

- Why is sustainability necessary?
- Which Sustainable Development Goals (SDG) are especially important?
- What is your vision and mission?
- What are the goals you want to achieve in 2030?
- How do you continuously improve?
- How do you communicate about the vision and the SDG's?

At your school it is about education but also about the building; the facilities, professionalization and the environment.

Write something about that in your vision.

De visie



KONING
WILLEM I
COLLEGE

1 GEEN
ARMOEDE



2 GEEN
HONGER



3 GOEDE GEZOND-
HEID EN WELZIJN



Move to Archive

ONDERWIJS



5 EERLIJKE
GELIJKHEID



17 PARTNERSCHAP
OM DOEL-
STELLINGEN
TE BEREIKEN



17 GLOBAL GOALS VOOR EEN DUURZAME EN EERLIJKE WERELD IN 2030

Met ingang van 9 oktober 2020 is het Koning Willem I College officieel
ondertekenaar van het Sustainable Development Goals Charter

16 VREDE, VEILIGHEID
EN STERKE
PUBLIEKE
DIENSTEN



15 LEVEN OP
HET LAND



Jos van Kessel
Voorzitter College van Bestuur

Dominique Majoor
Lid College van Bestuur

Cor van Gerven
Lid College van Bestuur

6 SCHON WATER
EN SANITAIR



7 BETAALBARE
EN DUURZAME
ENERGIE



8 EERLIJK WERK
EN ECONOMISCHE
GROEI



14 LEVEN IN
HET WATER



13 KLIMAATACIE



12 VERANTWOORDE
CONSUMPTIE
EN PRODUCTIE



11 DUURZAME STEDEN
EN
GEMEENSCHAPPEN



10 ONGELIJKHEID
VERMINDEREN



9 INDUSTRIE,
INNOVATIE EN
INFRASTRUCTUUR



www.SDGNederland.nl | www.kw1c.nl

WORKPLACE

FOR THE FUTURE



SUSTAINABLE DEVELOPMENT GOALS



Global Goals voor een duurzame wereld in 2030



Desinfectie punt



SUSTAINABLE DEVELOPMENT GOALS

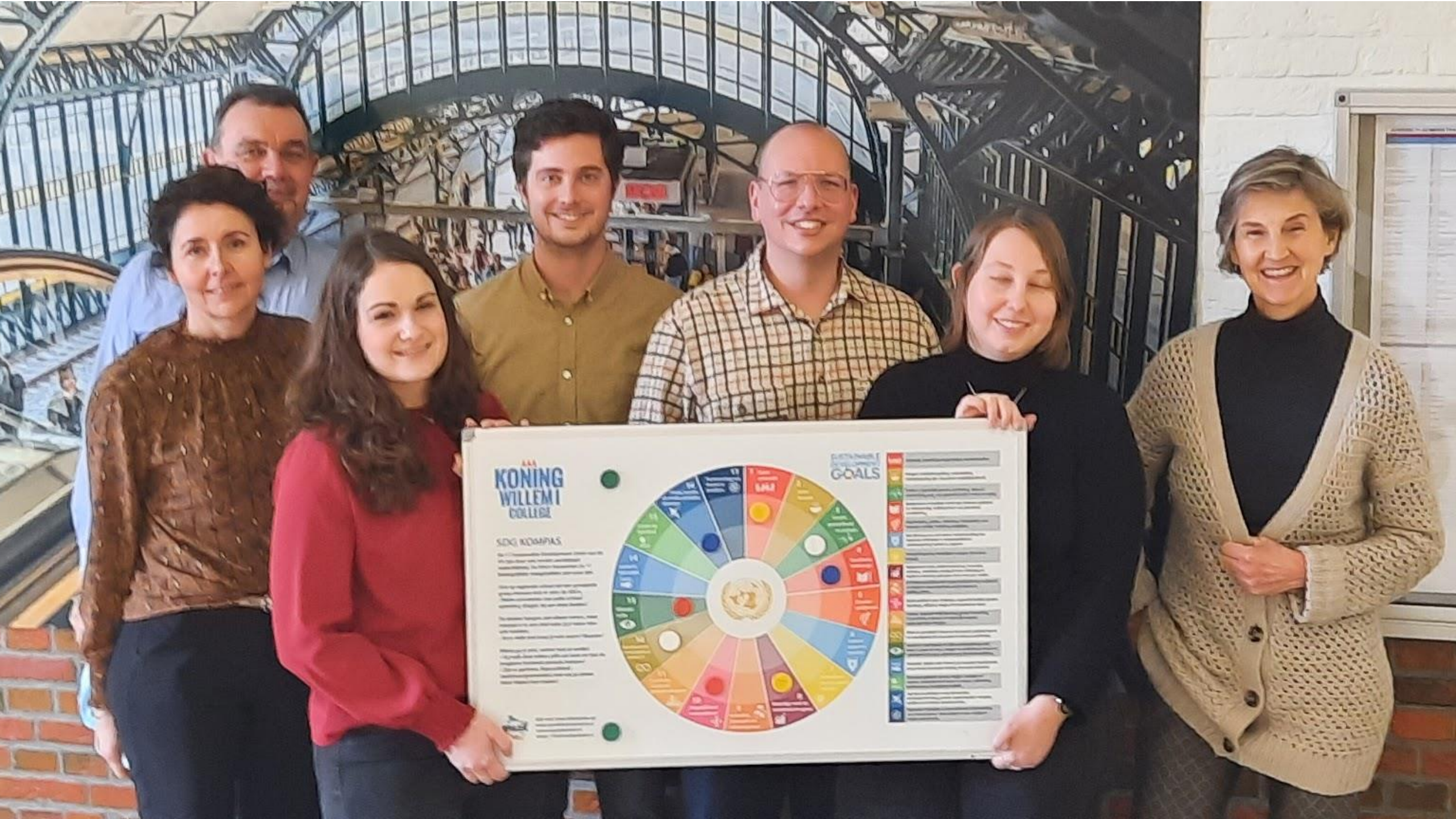


Global Goals voor een duurzame en eerlijke wereld in 2030

www.SDGNederland.nl | www.kw1c.nl







KONING WILLEM I COLLEGE

SDG KOMPASS

De Koning Willem I College is een van de weinige Nederlandse hogescholen die een SDG Kompass heeft ontwikkeld. Dit instrument helpt de college bij het vaststellen van haar bijdrage aan de 17 Sustainable Development Goals (SDGs) van de Verenigde Naties. Het kompass is een visueel overzicht van de 17 SDGs, waarbij de college haar eigen bijdragen aan elke goal heeft vastgesteld. Dit helpt de college bij het prioriteren van haar activiteiten en het meten van haar impact op de wereld.



GOALS

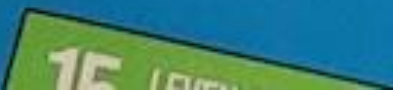
- 1. No Poverty
- 2. Zero Hunger
- 3. Good Health and Well-being
- 4. Quality Education
- 5. Gender Equality
- 6. Clean Water and Sanitation
- 7. Affordable and Clean Energy
- 8. Decent Work and Economic Growth
- 9. Industry, Innovation and Infrastructure
- 10. Reduced Inequalities
- 11. Sustainable Cities and Communities
- 12. Responsible Consumption and Production
- 13. Climate Action
- 14. Life Below Water
- 15. Life on Land
- 16. Peace, Justice and Strong Institutions
- 17. Partnerships for Goal Achievement

De Koning Willem I College heeft haar bijdragen aan de 17 SDGs vastgesteld. Dit helpt de college bij het prioriteren van haar activiteiten en het meten van haar impact op de wereld.

POWERED

BY

HTA



SDG inspiration bubble

SUSTAINABLE DEVELOPMENT GOALS

1 GEEN ARMOEDE	2 GEEN HONGER
3 GOEDE GEZONDHEID EN WELZIJN	4 KWALITEITS-ONDERWIJS
5 GENDER GELIJKHEID	6 SCHON WATERS EN SANITAIR
7 DUURZAME EN DUURZAME ENERGIE	8 EERLIJK WERK EN ECONOMISCHE GROEI
9 INDUSTRIE, INNOVATIE EN INFRASTRUCTUUR	10 ONGELIJKHEID VERMINDEREN
11 DUURZAME STEDEN EN GEMEENSCHAPPEN	12 VERANTWOORDE CONSUMPTIE EN PRODUCTIE
13 KLIMAATACHT	14 LEVEN IN HET WATER
15 LEVEN OP HET LAND	16 VRIJDE, VEILIGHEID EN STERKE PUBLIEKE OMSTEN
17 PARTNERSCHAP OM DOELSTELLINGEN TE BEREIKEN	

Global Goals voor een duurzame en eerlijke wereld in 2030

www.SDGNederland.nl | www.kw1c.nl

Global Goals
Inspiration bubble

KONING WILLEM I COLLEGE



The chair of VET Netherlands



Adnan Tekin

The Commissar og the King



How do we contribute to the SDG's

WIST JE DAT...

WIJ EEN KERSTOINER
VERZORGEN VOOR
DAK- EN THUISLOZEN

WIST JE DAT...

WIJ 150 LAPTOPS
HEBBEN GEGEVEN
AAN STUDENTEN DIE
DAT NIET KONDEN
BETALEN

WIST JE DAT...

HET KWIC GAAT
VOOR EEN
DUURZAME EN
GEZONDE KANTINE

WIST JE DAT...

WIJ BRIEVEN
SCHRIJVEN AAN
MENSEN DIE
ONTERECHT
VASTZITTEN





SUSTAINABLE DEVELOPMENT GOALS

1. KONING WILLEM I GOEDERD	1. ERF	2. NETWERK
3. WELERF	4. LEZEND	5. WATER
6. WATER	7. ENERGIE	8. WOLVEN
9. WOLVEN	10. WOLVEN	11. WOLVEN
12. WOLVEN	13. WOLVEN	14. WOLVEN
15. WOLVEN	16. WOLVEN	17. WOLVEN

Global Goals voor een duurzame en eerlijke wereld in 2030
www.SDGNederland.nl | www.kw1.nl







SDG 1: Geen armoede:

Doel: Beëindig armoede overal en in al haar vormen.

Wat kan een mbo-school hieraan bijdragen of draagt al bij?

- A. Vanuit Passend Onderwijs studenten helpen die het moeilijker hebben
- B. Stichting leergeld
- C. We regelen een buitenlandervaring voor sommigen van ze.
- D. Met kerst bereidt de horeca-afdeling een kerstdiner voor ze.
- E. We hebben relatie met de voedselbank en kringloopwinkels,
- F. We doen mee met goede doelen acties.
- G. We regelen laptops.
- H. We doen projecten in het buitenland om andere landen te helpen.

How we contribute to the SDG's



SDG 2: Geen honger: Beëindig honger, bereik voedselzekerheid en verbeterde voeding en promoot duurzame landbouw.

Wat kan een mbo-school hieraan bijdragen of draagt al bij?

- A. De horeca gebruikt waar kan seizoensgebonden, streekgebonden biologische producten, werkt via de Dutch cuisine en gaat voedselverspilling tegen.
- B. Met kerst bereidt de horeca-afdeling een kerstdiner.
- C.** We hebben relatie met de voedselbank en kringloopwinkels
- D.** We doen mee met goede doelen acties.

12 VERANTWOORDE
CONSUMPTIE
EN PRODUCTIE



SDG 12: Verantwoorde consumptie en productie: Verzeker duurzame consumptie- en productiepatronen.

Wat kan een mbo-school hieraan bijdragen of draagt al bij?

- A. Opzetten programma Returnity; optimaliseren afvalscheiding
- B. 95% recyclebare koffieautomaten/Maas + hergebruik waterflessen
- C. Campagne tegen voedselverspilling in bedrijfsrestaurant
- D. Via inkoopbeleid sturen op duurzame producten en lokale en seizoensgebonden producten
- E. Hergebruik bestaand meubilair herinrichten onderwijsboulevard
- F. Schoonmaakmiddelen biologisch afbreekbaar
- G. Duurzaam schoolgebouw met houtskeletbouw, vloerverwarming, groen dak, zonnepanelen, warmteterugwinning
- H. Studenten dragen verbeterpunten op het gebied van duurzaamheid aan in het keuzedeel duurzaamheid. .
- I. Studenten krijgen opdrachten m.b.t. de circulaire economie



United Nations
Educational, Scientific and
Cultural Organization





SustainaBulMBO
De realisatie van de Collegevoornemen met betrekking tot de realisatie van de doelstellingen van de Wet Milieubeheer (WvMBO) 2021

Overzicht
van de plan: SustainaBulMBO | 2021

Plan
Functie
Begroting
Inhoudsopgave

Logo of the organization


SustainaBulMBO

De realisatie van de Collegevoornemen met betrekking tot de realisatie van de doelstellingen van de Wet Milieubeheer (WvMBO) 2021

Overzicht
van de plan: SustainaBulMBO | 2021

Plan
Functie
Begroting
Inhoudsopgave

Logo of the organization

	INHOUDSOPGAVE	KWIC.DZH.ORG.02
	Visie Missie Doelstellingen	DATUM:30-09-21 REVISIE: 1

O1	Vision and policy with regard to sustainability	B1	Vision and policy sustainable business operations
O2	Sustainability training 1 2 3 4 5 *	B2	Gas
O3	The SDGs in the training	B3	Electricity
O4	Societal assignments	B4	Water
O5	Social sustainability	B5	Waste
P1	Sustainable internships	B6	Mobility
P2	Sustainable assignments at the internships	B7	catering
P3	Networking	B8	Biodiversity
P4	Communication + clarification	B9	Purchase
P5	Education and training		

1. Architecture 2. Human technology 3. Fashion and clothing 4. Hospitality 5. International business

- Why
- What



- Did you carry out gap analysis and did you bridge it?
- Did you implement the trias transition competences? Refuse, Renewables, Reuse
- Which SDGs are most important with regard to education in your profession?
- Which SDG's can be payed more attention to?
- Did you integrate ESD in your teaching and is it ad hoc, now and then, project based or systematically.
- Do you preferably put your students in internships at sustainable companies?
- Do students have to look at sustainability at their internships and do they have to come up wit improvements?



- Planet
- People
- Profit
- Concepts
- New economies
- Smart & intelligent
- Games
- Matches
- Recommended books
- Movies
- Sustainable ideas
- Durable products
- Check lists
- Ideas of young people



English

- ✓ [Home](#)
- ✓ [Lessons elective sustainability in the profession B/C/D](#)
- ✓ [Deepening elective sustainability in the profession C/D](#)
- ✓ [Are you engaged in sustainable checks](#)
- ✓ [Editors Login](#)

Hits: 1370434

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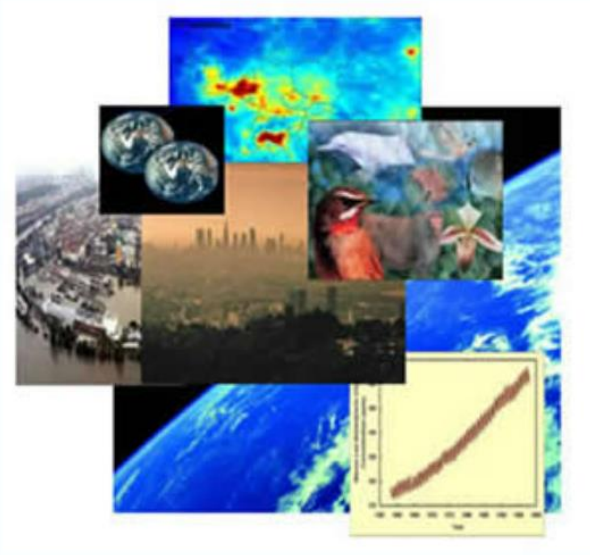
without good education, the seventeen global goals cannot be achieved.
 "Education is the most powerful weapon which you can use to change the world." Nelson Mandela.

This site provides information about sustainability in vocational education and in general. More than 1300 items.

Everything together as compact as possible. Check out the menu at the top or use the search function because there is almost no topic or it is on it. The site already has more than one million visitors.



- ✓ [Deepening elective sustainability in the profession C/D](#)
- ✓ [Are you engaged in sustainable checks](#)
- ✓ [Editors Login](#)

Planet	Issues	Solutions
	<ul style="list-style-type: none"> ← The beautiful planet earth ← Nine borders the Earth ← The population growth ← World food problem ← Increase in energy consumption ← Oil ← Coal and lignite ← Gas and shale gas ← Rise of the CO₂ concentration ← Increase in temperature on Earth ← The greenhouse effect ← Melting of polar caps and ice ← More drought ← More wildfires ← More flooding ← More powerful hurricanes ← Decrease in biodiversity ← Deforestation and clearing (rain) forests ← Water and everything around it ← Poor air quality and nitrogen ← Fine dust ← Energy in the Netherlands ← The car use ← Air pollution and nitrogen 	<ul style="list-style-type: none"> ← Sustainability and policy ← Good news ← What to do and how? ← Consultation tables for CO2 reduction ← The energy transition ← Our gas and electricity grid ← Heat networks and residual heat ← Our use of space (under pressure) ← Sustainable energy techniques ← Solar panels ← Solar boilers and energy roofs ← Concentrating solar power ← Hydropower ← Tidal energy ← Wave energy and blue energy ← Wind energy ← Geothermal and aquathermal ← Heat and cold storage ← Residual water ← Heat pumps ← Home exchanges ← Climate action ← Biobased economy biomass, biofuel

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C2C HBO / WO Planet in construction



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- Planet
- People
- Profit
- Concepts**
- New economies
- Smart & intelligent
- Games
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- Sustainable ideas
- Durable products
- Check lists
- Ideas of young people

- in construction
- Corona and sustainability
- circular economy
- Cradle-to-cradle
- The energy transition
- Bio-based economy
- Biomimicry
- Lessons from nature
- Creativity
- entrepreneurial spirit
- Ethics, values and norms
- Fab city concept
- crowdfunding
- Ecological footprint
- Biotechnology
- Values Biographies
- Emotional intelligence
- Ecological intelligence
- care in education
- The ten Commandments



Go



Issues	Solutions
<ul style="list-style-type: none"> ← The beautiful planet earth ← Nine borders the Earth ← The population growth ← World food problem ← Increase in energy consumption ← Oil ← Coal and lignite ← Gas and shale gas ← Rise of the CO₂ concentration 	<ul style="list-style-type: none"> ← Sustainability and policy ← Good news ← What to do and how? ← Consultation tables for CO₂ reduction ← The energy transition ← Our gas and electricity grid ← Heat networks and residual heat ← Our use of space (under pressure)

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- ✓ [Deepening elective sustainability in the profession C/D](#)
- ✓ [Are you engaged in sustainable checks](#)
- ✓ [Editors Login](#)

- Planet
- People
- Profit
- Concepts
- New economies
- Smart & intelligent
- Games
- Matches
- Recommended books
- Movies
- Sustainable ideas
- Durable products
- Check lists
- Ideas of young people

- The circular economy
- Sustainable economy
- The new economy
- The donut economy
- The purpose economy
- Bio-based economy
- blue economy
- The sharing economy
- The giving economy
- Platform economics
- New business models
- The sufficiency economy
- Corporate Social Responsibility
- Globalization
- Real prosperity
- The snack economy
- Performance based economics
- What's wrong with the economy



Go



Issues	Solutions
<ul style="list-style-type: none"> ← The beautiful planet earth ← Nine borders the Earth ← The population growth ← World food problem ← Increase in energy consumption ← Oil ← Coal and lignite ← Gas and shale gas ← Rise of the CO₂ concentration 	<ul style="list-style-type: none"> ← Sustainability and policy ← Good news ← What to do and how? ← Consultation tables for CO₂ reduction ← The energy transition ← Our gas and electricity grid ← Heat networks and residual heat ← Our use of space (under pressure)

- Home
- About DMBO
- Knowledge base**
- Teaching material
- Optional part
- Business management
- Newsletters
- SDGs



Duurzaam MBO

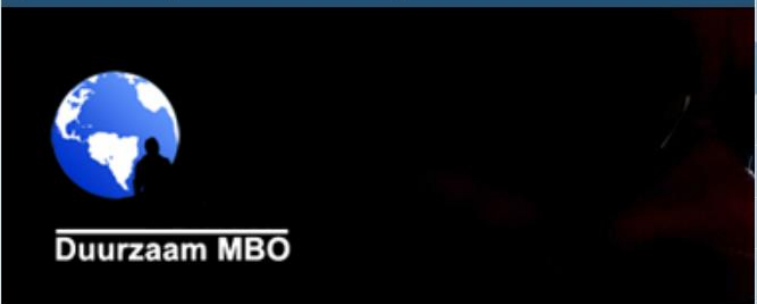
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Planet	Issues	Solutions
	<ul style="list-style-type: none"> ← The beautiful planet earth ← Nine borders the Earth ← The population growth ← World food problem ← Increase in energy consumption ← Oil ← Coal and lignite ← Gas and shale gas ← Rise of the CO₂ concentration ← Increase in temperature on Earth 	<ul style="list-style-type: none"> ← Sustainability ← Good news ← What to do a ← Consultation reduction ← The energy t ← Our gas and ← Heat networks and residual heat ← Our use of space (under pressure) ← Sustainable energy techniques

- SDG Introduction
- SDG 1 Reducing poverty
- SDG 2 No hunger
- SDG 3 Healthcare
- SDG 4 Education
- SDG 5 Equality
- SDG 6 Clean water
- SDG 7 Sustainable energy
- SDG 8 Decent work
- SDG 9 Sustainable industry
- SDG 10 Less inequality
- SDG 11 Sustainable Cities
- SDG 12 Consumption and production
- SDG 13 Climate Action
- SDG 14 Oceans and seas
- SDG 15 Ecosystems and forests
- SDG 16 Peace
- SDG 17 Working together
- The 17 goals in education
- Intrinsic SDGs



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- Sustainability in training
- Elective parts sustainability in the profession
- Sustainability at Green & Welfare**
- Sustainability in Technology
- Sustainability in Trade ed
- Online sustainability course
- Climate awareness curriculum
- Lessons in citizenship
- Sustainable food lessons
- Sustainability at the internship
- Sustainable career guidance
- Certificate A and B

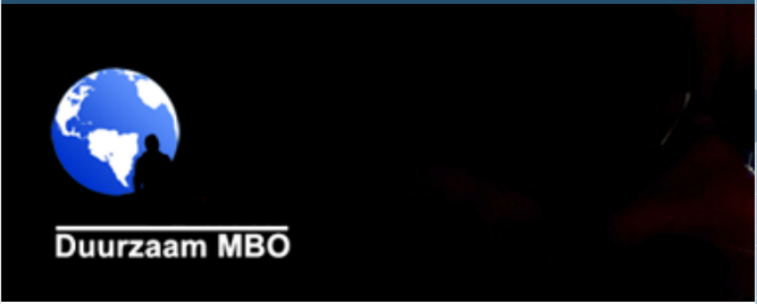
- Pharmacy assistants
- Doctor's assistants
- healthcare
- Green engineering
- Green management
- Day nurseries
- Agriculture
- Teaching assistant
- Sport and movement
- Dental assistants
- Livestock farming
- Nutrition
- Grooming
- Nursing and caring
- Welfare social work



Go

Planet		Solutions
	<ul style="list-style-type: none"> ← The bea ← Nine bo ← The pop ← World fo ← Increase in energy consumption ← Oil ← Coal and lignite ← Gas and shale gas ← Rise of the CO₂ concentration 	<ul style="list-style-type: none"> ← Sustainability and policy ← Good news ← What to do and how? ← Consultation tables for CO2 reduction ← The energy transition ← Our gas and electricity grid ← Heat networks and residual heat ← Our use of space (under pressure) ← Sustainable energy techniques

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- SDGs



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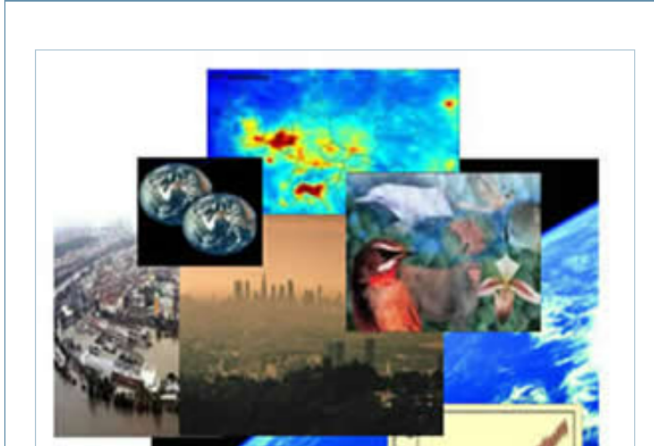
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- ✓ [Are you engaged in sustainable checks](#)
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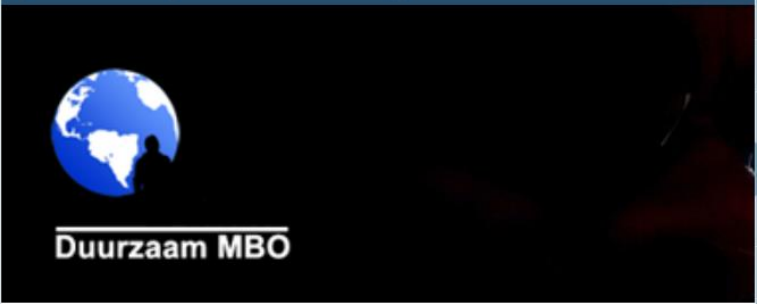
- Sustainability consultant
- Sustainable automotive technology
- Sustainable building
- Sustainable electrical engineering
- Sustainable energy technology
- Sustainable woodworking / furniture
- Sustainable IT
- Sustainability in the military
- Sustainable furnishing
- Sustainable installation technology
- Sustainable cooling technology
- Sustainable metalworking
- Sustainable bricklaying
- Sustainable process technology
- Sustainable painting
- Sustainable plasterers
- Sustainable urban design
- Sustainable road and hydraulic engineering

Planet | Solutions



- ← The bea
- ← Nine bor
- ← The pop
- ← World fo
- ← Increase
- ← Oil
- ← Coal and
- ← Gas and
- ← Rise of the CO₂ concentration

- Sustainability and policy
- nd news
- t to do and how?
- ultation tables for CO₂ reduction
- energy transition
- gas and electricity grid
- networks and residual heat
- use of space (under pressure)
- ← Sustainable energy techniques



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- Sustainability in Trade ed
- Online sustainability course
- Climate awareness curriculum
- Lessons in citizenship
- Sustainable food lessons
- Sustainability at the internship
- Sustainable career guidance
- Certificate A and B



- Sustainable business
- Sustainable finance & law
- Sustainable retail
- Sustainable graphic design
- Sustainable hospitality
- Sustainable (international) business
- Sustainable hairdressing profession
- Sustainable marketing and events
- Sustainable fashion and fashion
- Sustainable secretarial work
- Sustainable tourism
- Sustainable transport and logistics

Planet		Solutions
	<ul style="list-style-type: none"> ← The bea ← Nine bor ← The population growth ← World food problem ← Increase in energy consumption ← Oil ← Coal and lignite ← Gas and shale gas ← Rise of the CO₂ concentration 	<ul style="list-style-type: none"> ← Sustainability and policy ← Good news ← What to do and how? ← Consultation tables for CO2 reduction ← The energy transition ← Our gas and electricity grid ← Heat networks and residual heat ← Our use of space (under pressure) ← Sustainable energy techniques

Go



eLearning

Get started. Good luck !

Select Language

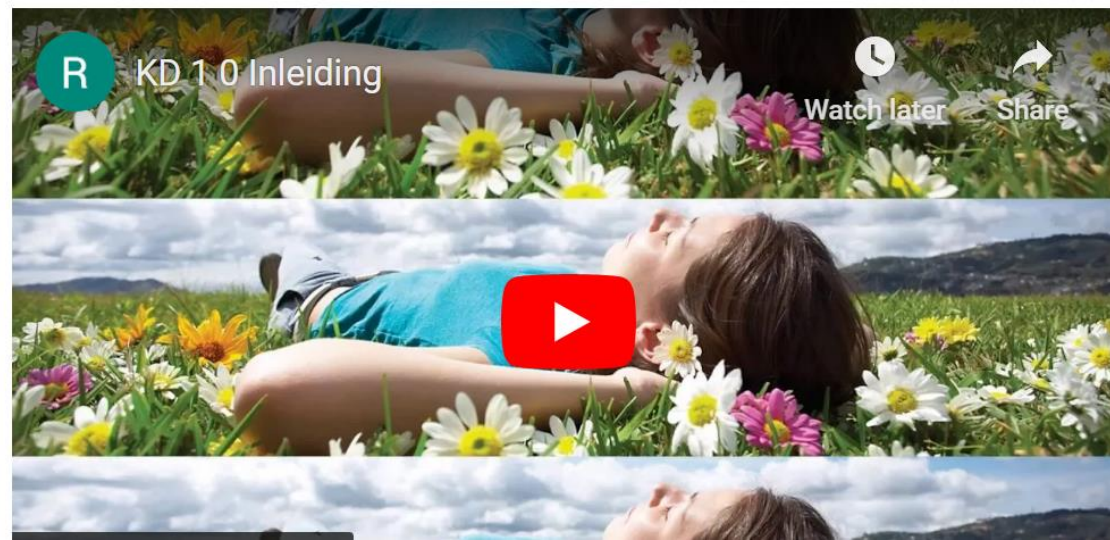
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1.0. Introduction

The video



- ✓ [B0.0. Preface](#)
- ✓ [B1.0. Introduction](#)
- ✓ [B1.1. Your profession is already working on it](#)
- ✓ [B1.2. In balance](#)
- ✓ [B1.3. Water and nutrition](#)
- ✓ [B1.4. The world population](#)
- ✓ [B1.5. The greenhouse effect](#)
- ✓ [B1.6. Mobility and logistics](#)
- ✓ [B1.7. Concepts](#)

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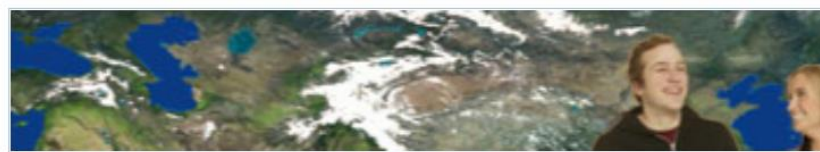
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[Latest newsletter](#)

Without good education, the seventeen global goals cannot be achieved. "Education is the most powerful weapon which you can use to change the world."

This site provides information about sustainability in vocational education items. Everything together as compact as possible. Check out the menu at the top because there is almost no topic or it is on it. The site already has many



- The 17 goals for education
- Whole school approach
- The sustainabil
- Sustainable purchasing
- Energy at school
- Waste and litter at school
- Water
- Catering and canteens at school
- Mobility at school
- Biodiversity at school
- The school organization
- How sustainable is the school (checklist)
- Saving energy at school (checklist)
- How sustainable is your department (checklist)
- Behavior change
- Sustainable MBO quality mark
- Roadmap
- ISO 26000
- Eco Schools
- Energy management
- Waste management
- Transport management



- quest lessons
- ood initiatives in the Netherlands
- ood examples Europe
- atements for debate
- operate!
- ontact
- anifesto

- Deepening elective sustainability in the profession C/D
- Are you engaged in sustainable checks
- Editors Login

Circular building

- CS Overview
- CS Introduction
- CS Vision Mission
- CS What What is it about.
 - CS What skills
 - CS How circular is a building
 - CS Where is what?
 - CS The materials
 - CS Material flows
 - CS Material Passports
 - CS Example The demolition of a flat
 - CS Good examples
- CS How The design
 - CS Detachable
 - CS Demountable and modular
 - CS Collection processing
 - CS Extend the service life
 - CS Upcycling in centers
 - CS Think in second lives
 - CS Indicate value
 - CS Trading
- CS How The didactics
 - CS Clip course
 - CS One Assignment

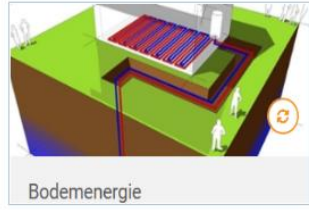
On this part of the site, there is a menu on circular construction on the left and sustainable and energy-efficient construction on the right.



<ul style="list-style-type: none"> Overview Introduction Why Vision Mission What What is it about. <ul style="list-style-type: none"> Which skills How circular is a building Where is what? <ul style="list-style-type: none"> The materials Material flows Material Passports Example The demolition of a flat Good examples How The design <ul style="list-style-type: none"> detachable Demountable and modular <ul style="list-style-type: none"> Collection processing Extend the service life <ul style="list-style-type: none"> Upcycling in centers Think in second lives Indicate value trade 	<ul style="list-style-type: none"> How The didactics <ul style="list-style-type: none"> clip course An exercise The result Elective parts For whom ? <ul style="list-style-type: none"> CS and the wrecker CS and the carpenter CS and the bricklayer CS and the architecture student CS and the ceiling and wall fitter CS and the glazier Where On the construction site With whom ? <p>← Toolbox for teachers</p>
---	--

- Teaching modules buildupskills
- Introduction
 - Introduction
- Why ?
- Who ?
- To collaborate
- Strategy
 - Policy
 - Construction changes
 - SDGs in construction
- How ?
 - Building_physics
 - Insulation
 - Insulation values
 - Thermography
 - Heat (loss)
 - Condensation
 - Moisture in the house
 - Sound(insulation)
 - Cold and thermal bridges
 - Build airtight
 - The tax
 - Ventilation
 - Ventilation utility construction
 - Heating
 - Infrared panels
 - Heat pump systems
 - Lighting_(2)
 - Cooling
 - Hot tap water
 - Water saving
 - Sun protection
 - Orientation

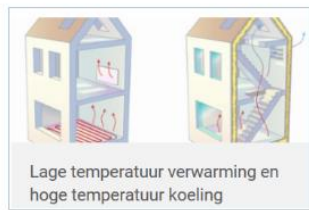




Building energy-neutral



Heating



Ventilation



- ✓ [Windows](#)
 - ✓ [Window film](#)
 - ✓ [Heat transfer through windows](#)
- ✓ [Floor \(insulation\)](#)
 - ✓ [Post-insulation of floors](#)
 - ✓ [Assembly_prefab floors](#)
 - ✓ [Renovation of floors](#)
 - ✓ [Carpeting](#)
 - ✓ [Soil insulation](#)
- ✓ [Safety](#)
- ✓ [Customer-friendliness construction](#)
- ✓ [Communication in construction](#)
- ✓ [Smart working](#)
- ✓ [Construction and demolition waste](#)
- ✓ [Off the gas](#)
- ✓ [Mind map checklists](#)
- ✓ [Energy](#)
 - ✓ [Step 1](#)
 - ✓ [Step 2](#)
 - ✓ [Step 3](#)
 - ✓ [Bang](#)
 - ✓ [EPG and EPC](#)
 - ✓ [The zero energy home](#)
 - ✓ [Passive houses](#)
 - ✓ [Build hot](#)
 - ✓ [Energy monitoring](#)
 - ✓ [Direct and alternating current](#)
- ✓ [Construction principles](#)
 - ✓ [Simple building](#)



Education in the SDG's



SUSTAINABLE DEVELOPMENT GOALS



17
PARTNERSCHAP
TE BREKEN



16
PEACE, JUSTICE
AND STRONG
INSTITUTIONS



15
LEVEN OP
HET LAND



14
LEVEN
ONDER
WATER



13
CLIMATE
ACTION



12
VERANTWOORDE
CONSUMPTIE
EN PRODUCTIE



11
DUURZAAMERE
STEDEN
EN GEMEENSCHAPPEN



10
VERMINDERDE
ONVERHOUDEN



6
SCHONE
WATER
EN SANITATIE



9
INDUSTRIE,
INNOVATIE EN
INFRASTRUCTUUR



8
EERBAAR
WERK
EN
ECONOMISCH
GROEI



7
TOEGANG
TOT
SCHONE
ENERGIE



5
GENDER
EQUALITY



4
Kwaliteit
Onderwijs



3
GOED
HEALTH
AND
WELL-BEING



2
ZERO
HUNGER

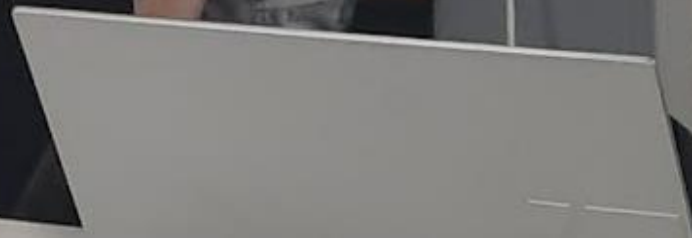


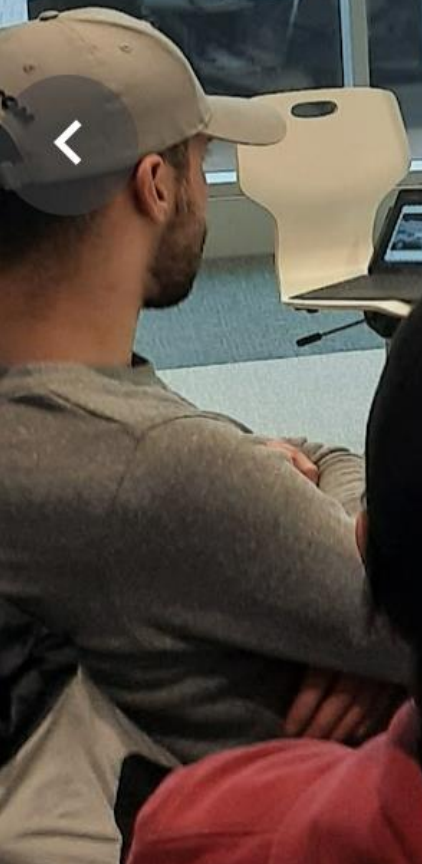
1
GEEN
ARMDE

SUSTAINABLE DEVELOPMENT GOALS

KONING WILHELM III



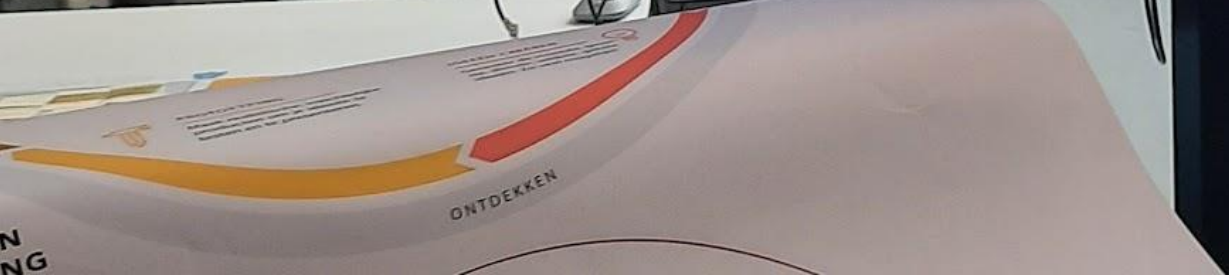


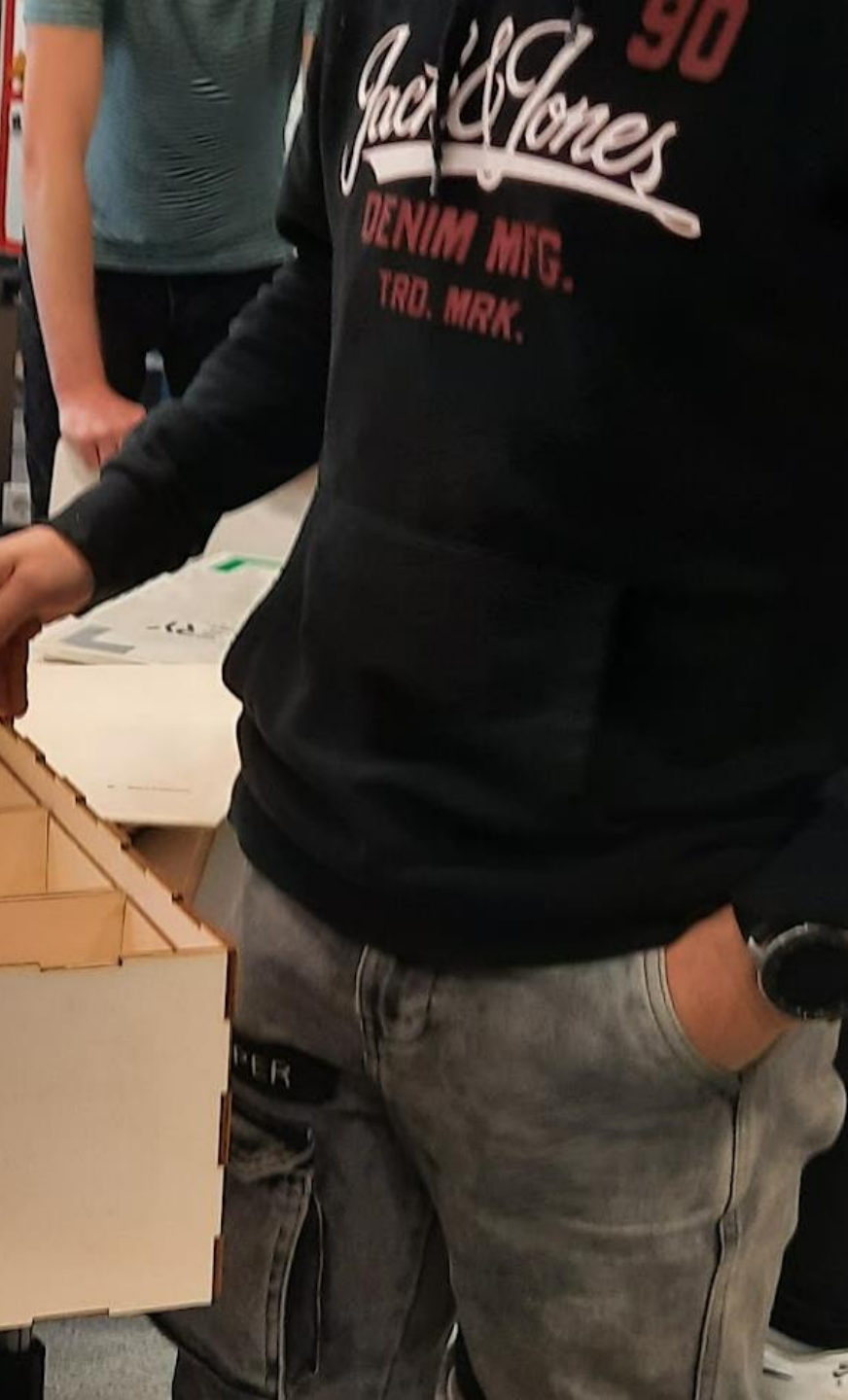


KONING
WILLEMI
COLLEGE

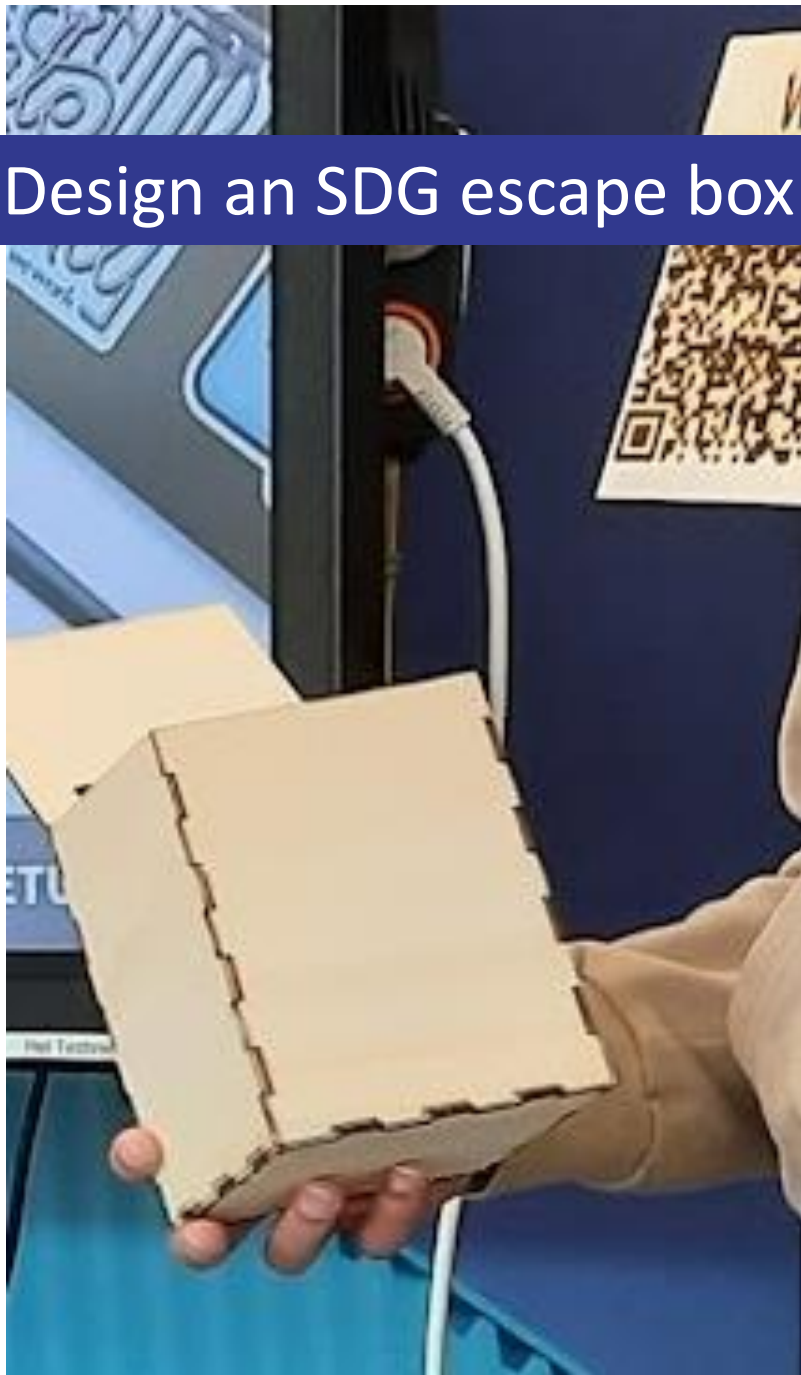


EEN INTRODUCTIE





Design an SDG escape box



Design an SDG eyecatcher

Global Goal Inspiration Bubble
Sam van Beek
Human Technology SDG-blikvanger

Begroting	
€ 0,-	€ 507,84
€ 00,-	€ 300,-

10

Global goals inspiration bubble
(zie filmpje verderop)

Arsen Zograbjan
Human Technology SDG-blikvanger

1

Global goals earth balance.
Een zwevende aarde als blikvanger
voor de SDG's

SDG Globe
Human Technology Stijn Pijl SDG-blikvanger

Onderdeel	bedrijf	Prijs	Link/telefoon nummer
RVS ondersteuning	Van Wanrooij	€849,- ex	073 503 4666
Bol	Inprint matter	€529,-	https://www.inprintmatter.nl/
Parakoord	Bol.com	+/- €1,- per M	https://www.bol.com/nl/
Totaal		€1.379,-	

6

Global goals Globe
Mooi voor op het plein. Drijvend in water

Drone photography and renewable energy



Circular table which can be disassembled.



Goals voor een duurzame
eerlijke wereld in 2030
00Nederland.nl | www.kw1c.nl



QR code
Danielle

Fashion of the white jackets from cooks



An exchange and repair app



Vintage
School
Store

A vintage store



An art cabinet

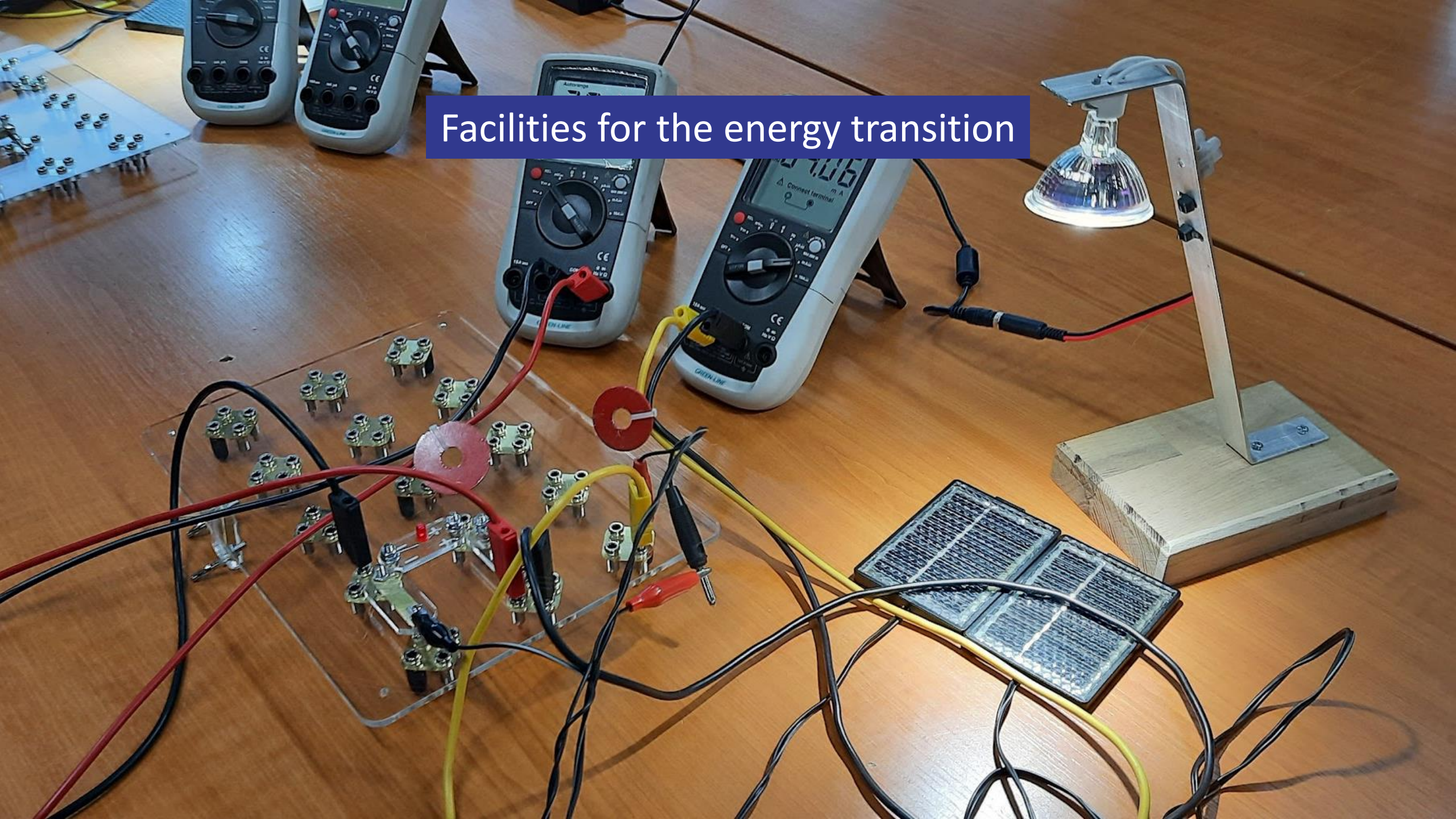




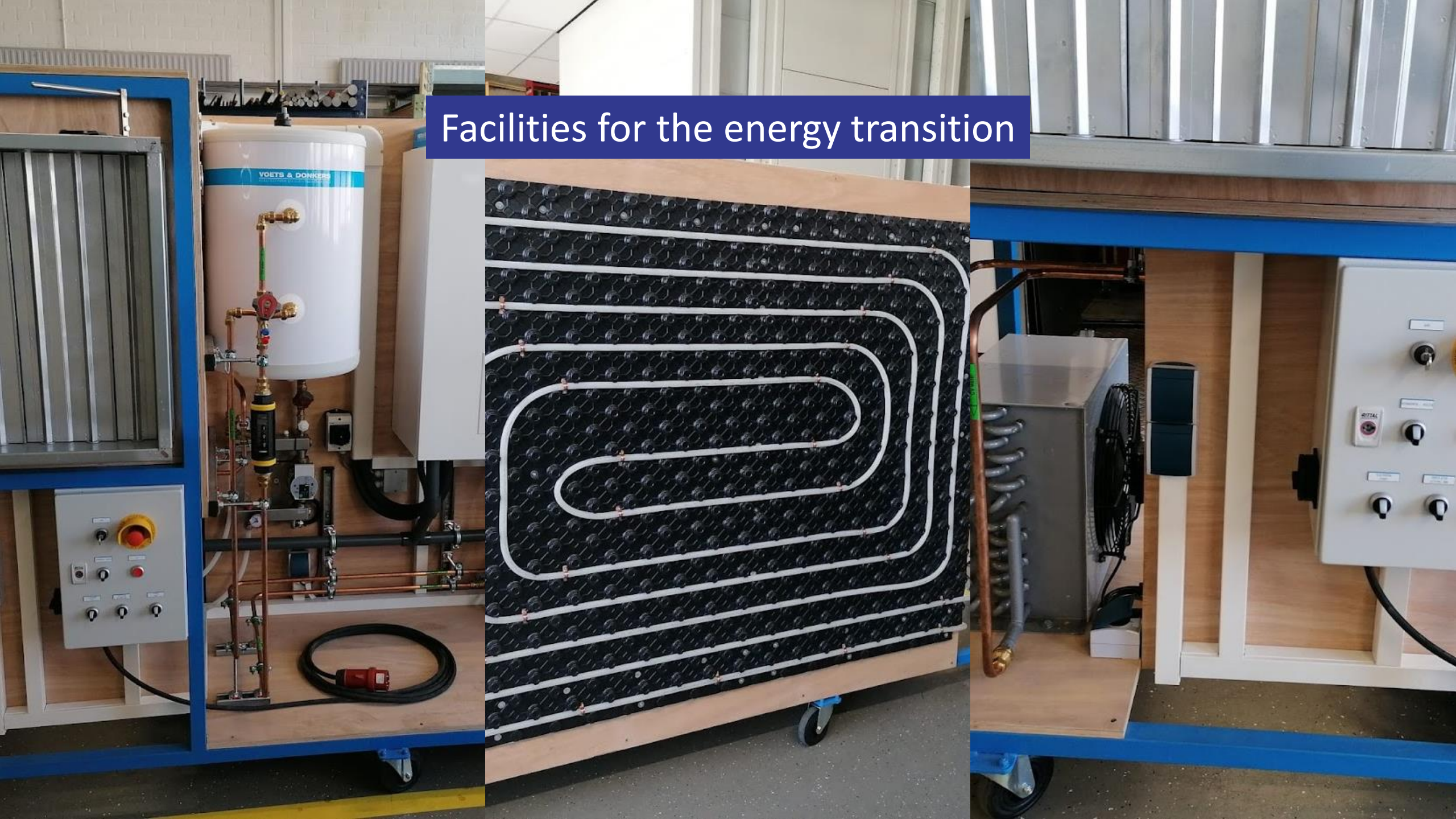
Facilities for the energy transition

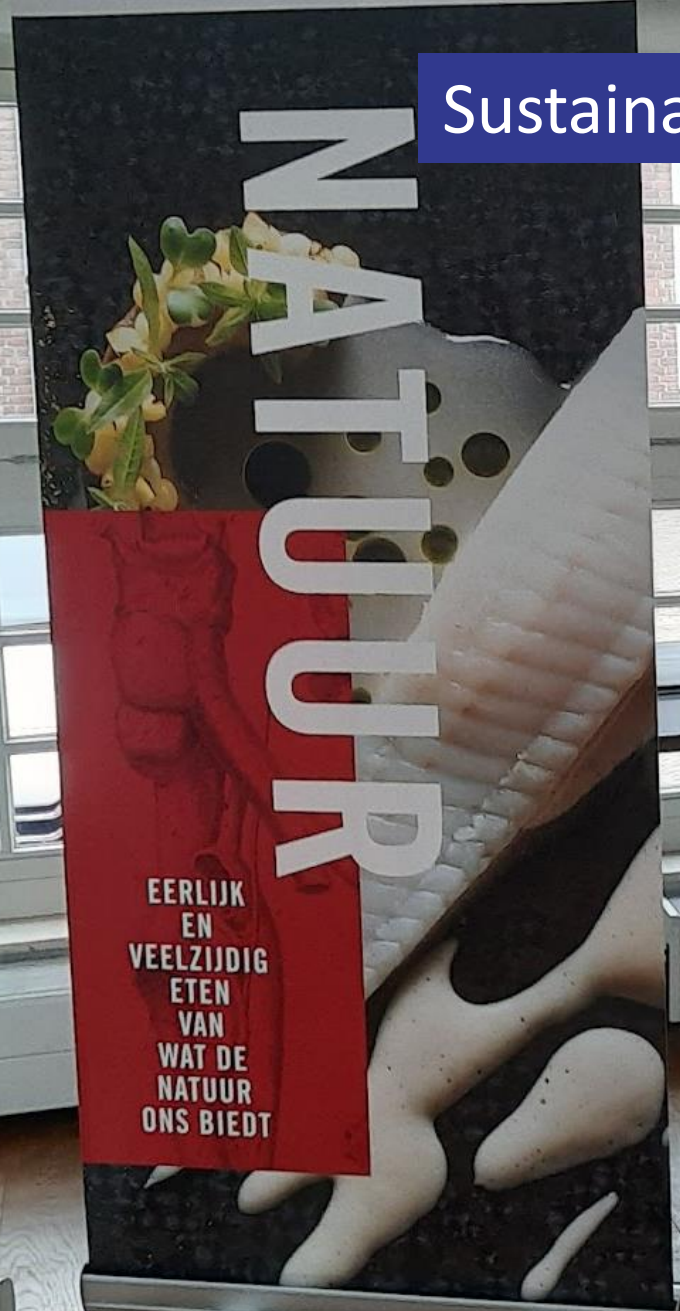


Facilities for the energy transition

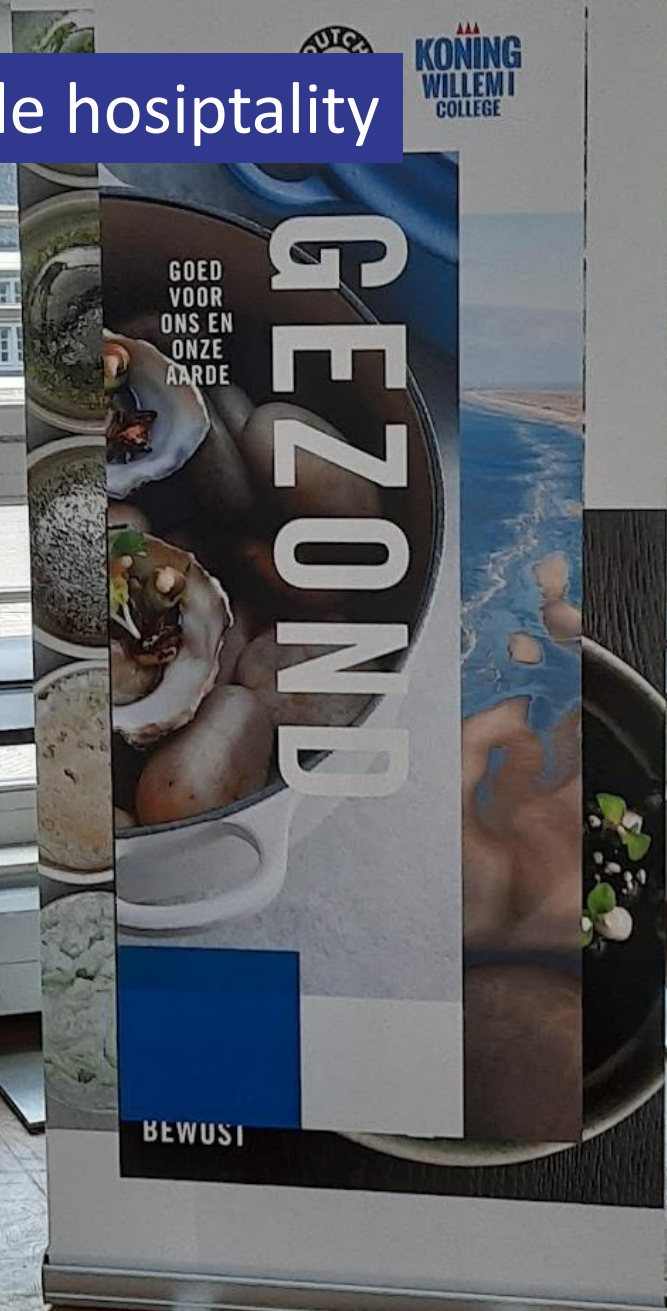


Facilities for the energy transition





Sustainable hospitality

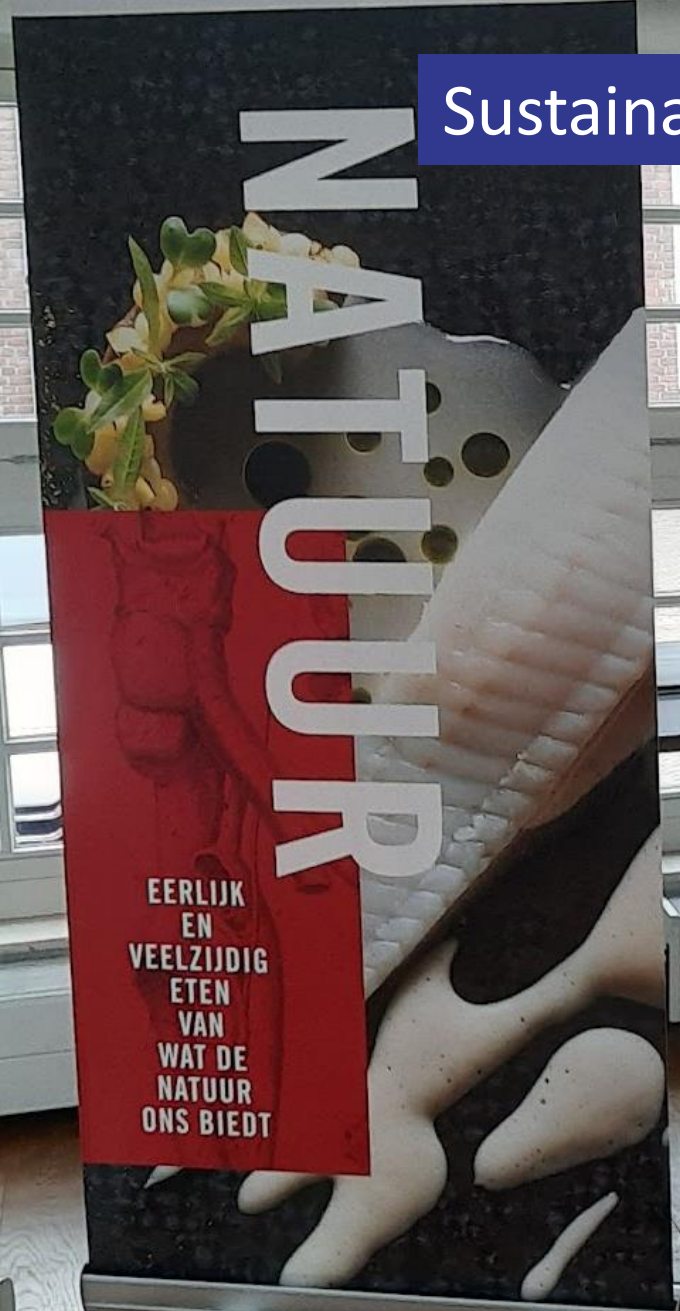


Sustainable hospitality

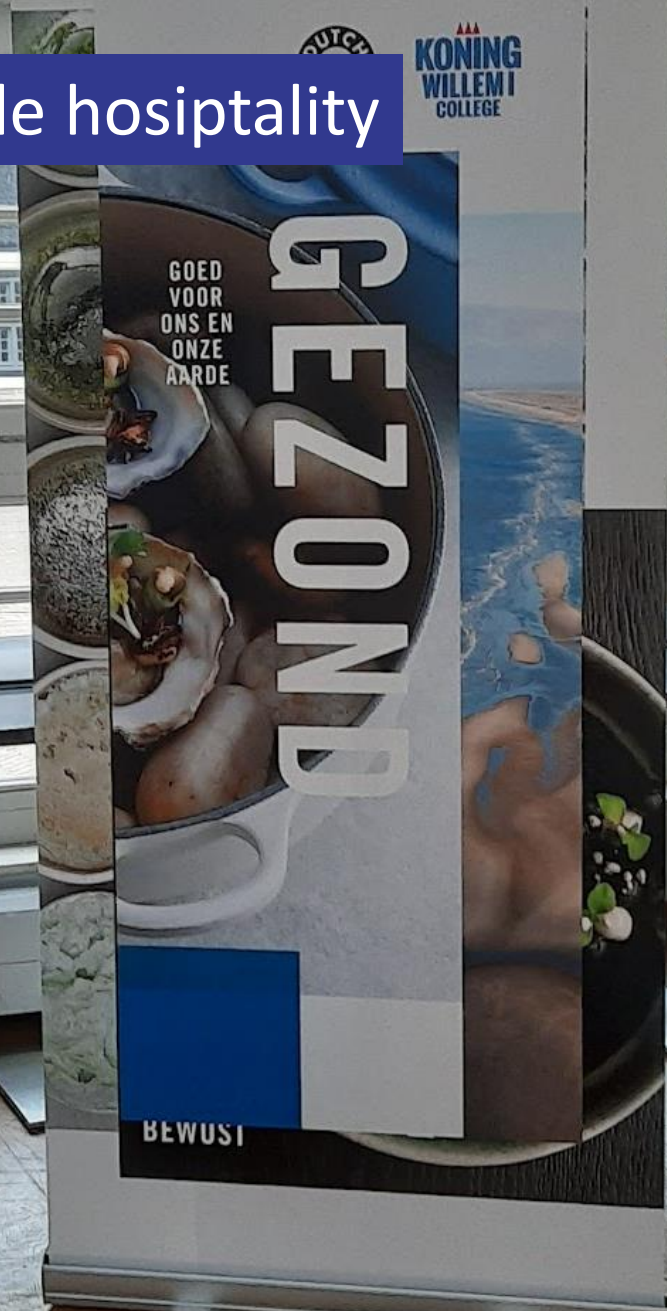


Sustainable hospitality





Sustainable hospitality



Sustainable car repair





truck
Assembly

DAF

VAN HOOFT

KWIC B6

DAF

- Why
- What
- How



Pedagogy

How can you make education more attractive or relevant?
How can you work with tasks from society?
Do you attend challenges, hacketons, climatons?
Do you attend circular learning?
Are you informed about good examples?
Do you carry out e-twinning and exchange with students elsewhere?



Challenges

The smart circular building challenge





CREATIEF
BOLWEN

DE KONING
WILLEM
VIERDE

Plant

Dier

Voeding

MBO Challenge
Voedselverspilling 2019 <

CoE Food

CoE Greenports

Leefomgeving

Praktijkgericht
Onderzoek HAO

Groenpact

Food waste challenge



MBO Challenge Voedselverspilling

Voedselverspilling gaat veel verder dan de restjes die thuis in de afvalbak verdwijnen. In de hele keten verdwijnt voedsel door verlies of verspilling. Wereldwijd gaat het om 1,3 miljard ton per jaar, een derde deel van al het geproduceerde voedsel. In Nederland gaat het om 20 tot 25% van al het

Belangrijke links

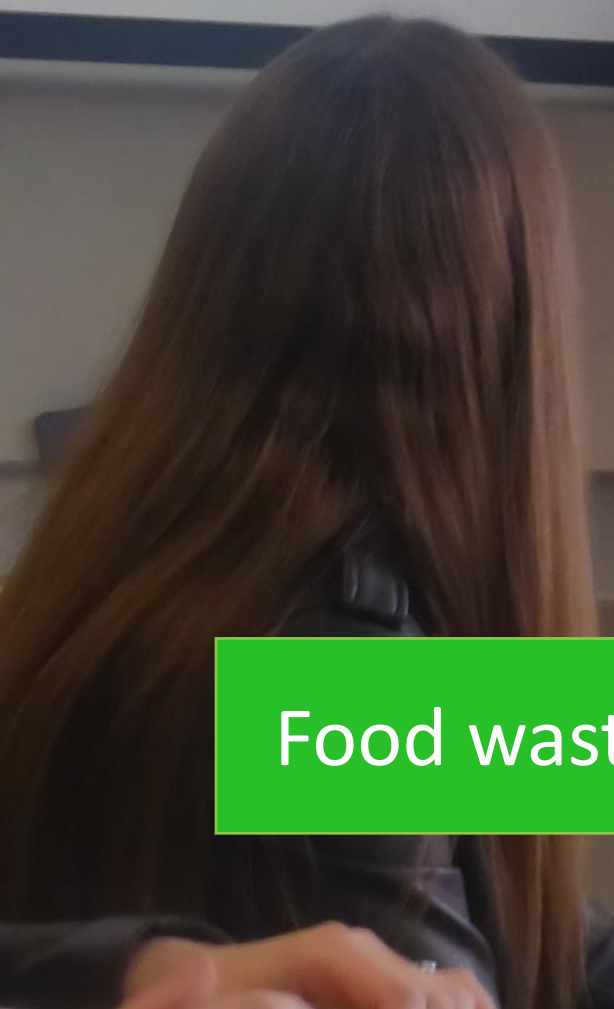
- [Opdracht](#)
- [Beoordelingscriteria](#)
- [Hulplijnen voor docenten](#)
- [Informatie voor bedrijven](#)
- [Challenges van bedrijven](#)

Lesbrieven

- [Lesbrief: Wereldwijd de helft minder voedselverspilling](#)
- [Lesbrief: Agrarische sector en verwerkende industrie](#)
- [Lesbrief: Voedselverspilling in supermarkten](#)
- [Lesbrief: Voedselverspilling in horeca en ziekenhuizen](#)
- [Lesbrief: Wij #verspillingsvrij](#)

Naar het dossier
Voedselverspilling

d voedsel



Food waste art

DE
VERSPIJL
FABRIEK

Food waste factory

ERSPILLING



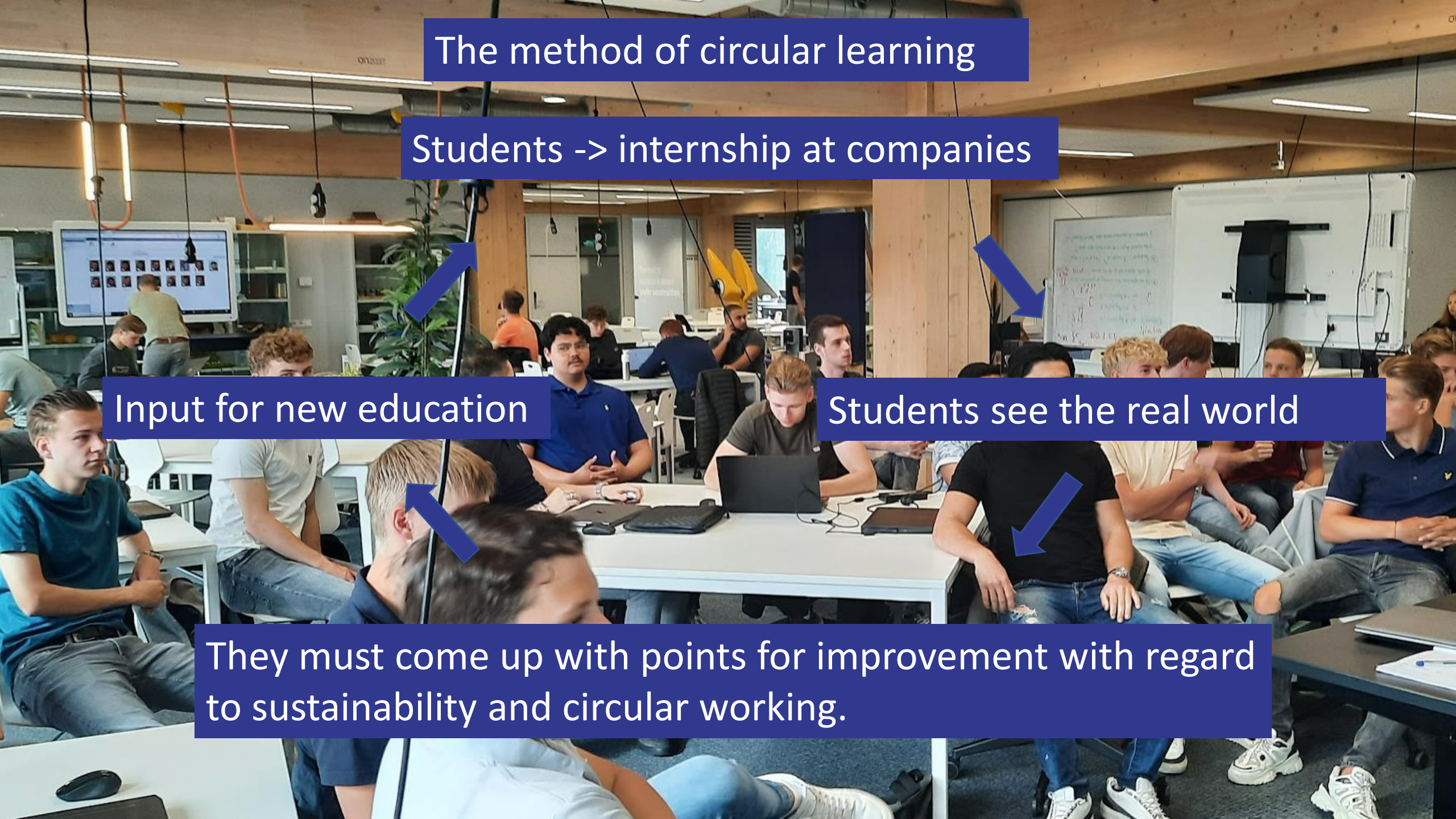
The method of circular learning

Students -> internship at companies

Input for new education

Students see the real world

They must come up with points for improvement with regard to sustainability and circular working.



...en een verbetering voor in de toekomst.



Dit **karton** is gebruikt om de zonnepanelen netjes te pakken. Het **karton** niet te verspillen wordt het weer gerecycled. De balen worden gemaakt van de balen een papierbrij oftewel pulp door te vermengen met water. Om de laatste vuilresten te verwijderen worden de pulp, de papiervezels en de papierclips, zeven ze de pulp. De papiervezels die overblijven gaan in een ontinkter waar met hoge druk door de vezels worden geperst zodat de inkt los komt en persen van de pulp ontstaat er een eindproduct. Dit wordt ingezet om nieuwe kartonnen of papieren producten te maken.



Kleine stukken hout zou je kunnen verkopen aan bijvoorbeeld meubelmakers of mensen die veel kleinere stukken hout kunnen gebruiken.



Voor de **grotere stukken hout** zou je kunnen laten bewerken zodat het er weer als nieuw uit ziet en het dan vervolgens wel te kunnen gebruiken in de woningbouw.

Het hout op de afbeelding werd het hout dat eerst in het gebouw zat hergebruikt in de nieuwbouw.

Plastic kan je weer omsmelten tot een nieuw product. Dit geldt ook voor metalen of aluminium.

Er zijn veel mogelijkheden om **puin en beton** weer te hergebruiken.



Dit kost alleen wel veel tijd en soms ook veel geld dus kiezen de meeste bedrijven hier niet voor, maar ik ben er wel van overtuigd dat als iedereen een beetje meer actief is, het veel haalbaar is en niet.

Have students take pictures of what's going well and what's not. Let them explain that and use that for new teaching materials.

- Why
- What
- How
- Where



The building

- How do you show the importance of sustainability in our buildings and the environment?
- Which SDGs are important with regard to our building?
- In which business operations can you apply circularity and reuse of materials?
- How can we reduce our energy consumption and make it more sustainable?
- How can we make our water supply more sustainable?
- How can we manage our waste and make it more sustainable?
- How can we make our food and catering more sustainable?
- What about our mobility management and transport facilities?
- How can we make our procurement management more sustainable?
- Can we make our ICT facilities more sustainable?
- How can we increase biodiversity?



SINTESIA
BALANCE

SINTESIA
BALANCE

SINTESIA

RANE

BALANCE™

TRANE







**KONING
WILLEM I
COLLEGE**

Excursions for students





Larix uit Drenthe







The warm air from inside the building heats up the refreshing cold air from outside. This saves 80% energy.































Coca-Cola ORIGINAL TASTE

Vitamin Water Softbox

Iced Tea

Coca-Cola ORIGINAL TASTE

Coca-Cola Light

please recycle

2 L





BETAAL

100% NATURAL STRAWS
BIODEGRADABLE.

PLASTIC
STRAWS
CAN
KISS
MY 

100% NATURAL STRAWS
BIODEGRADABLE.

PLASTIC
STRAWS
CAN
KISS
MY 



gratis
Water!
#Stay
Healty







**KONING
WILLEMI
COLLEGE**

13 CLIMATE ACTION





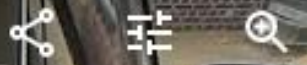
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WILLEM I
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NL **H-711-SL**

www.kw1c.nl

KONA

electric



KONING
WILHELM
III
Hier uitsluitend
leenfietsen KW1C plaatsen

















- Why

- What

- How

- Where

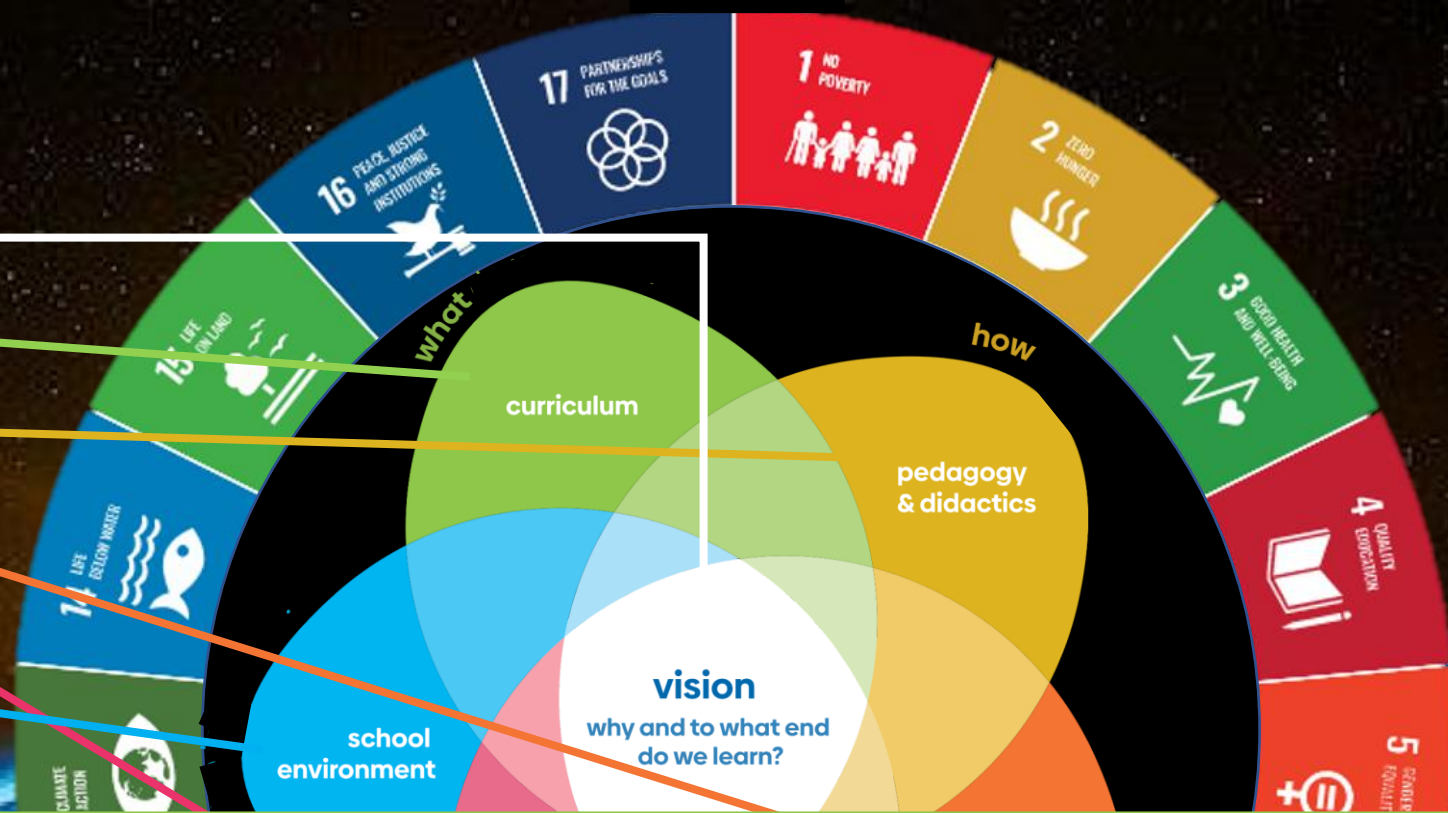
- Who

The staff and professionalization. Are they competent?

- How can we create awareness for the importance of sustainability?
- What expertise do we need?
- What knowledge, skills and attitudes are important for our employees?
- What knowledge, skills and talents do we already have?
- Where and how can the staff train themselves in the field of sustainability?
- Are we aware of sustainable developments in our field?



- Why
- What
- How
- Where
- Who
- With

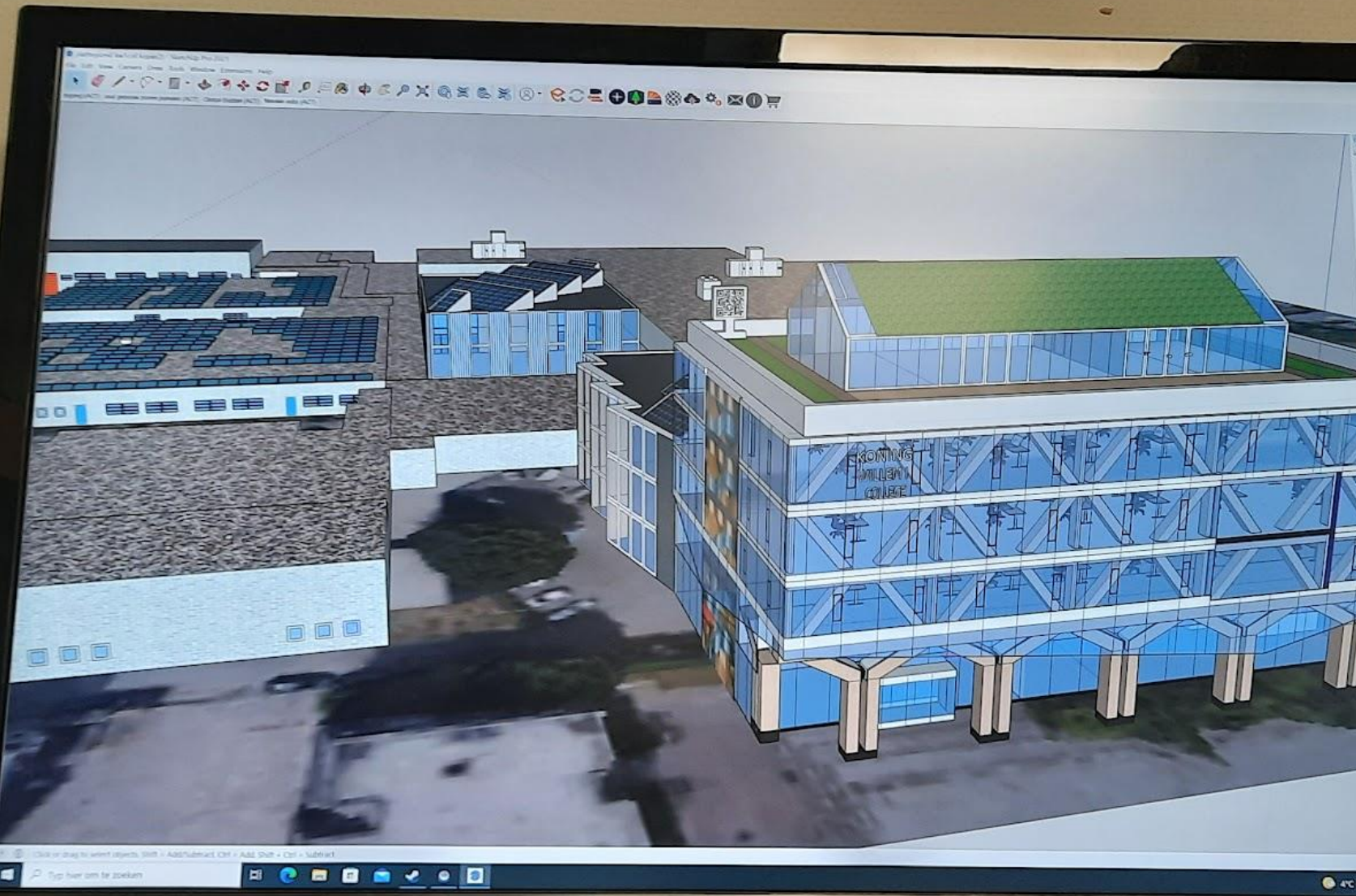


The society

- What does our network look like? Which partners are connected to school?
- What new partners and experts do you need for the sustainability goals?
- How can sustainable network grow?
- What can your school learn from our partners? How could they contribute?
- What do you have to offer to our customers and the community?



Aquathermie



Fauna toren



100 Fietsen opgeknapt voor Oekraïense mensen



Open winkeldeuren



T-shirts ontworpen en verkocht voor goed doel.



HIER
FORMULIER
INLEVEREN

BESTEL
FORMULIER

Starts Now
Solutions
No Pollution

THE WORLD IS ON FIRE

THE CLIMATE IS CHANGING

survival
of suicide
rainforest

Steal From
The Jungle

Tiny houses voor studenten ontworpen







ZOE
2-STV-09

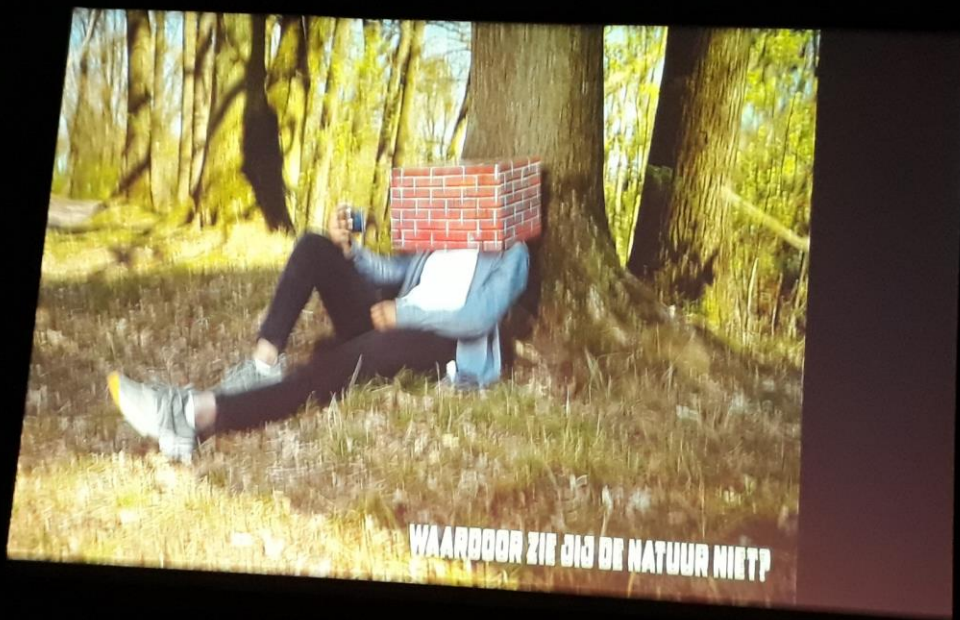




Welcome
in the
ICTalk
Bus!



How to involve youngsters in nature (IVN)?



Design a special windmill



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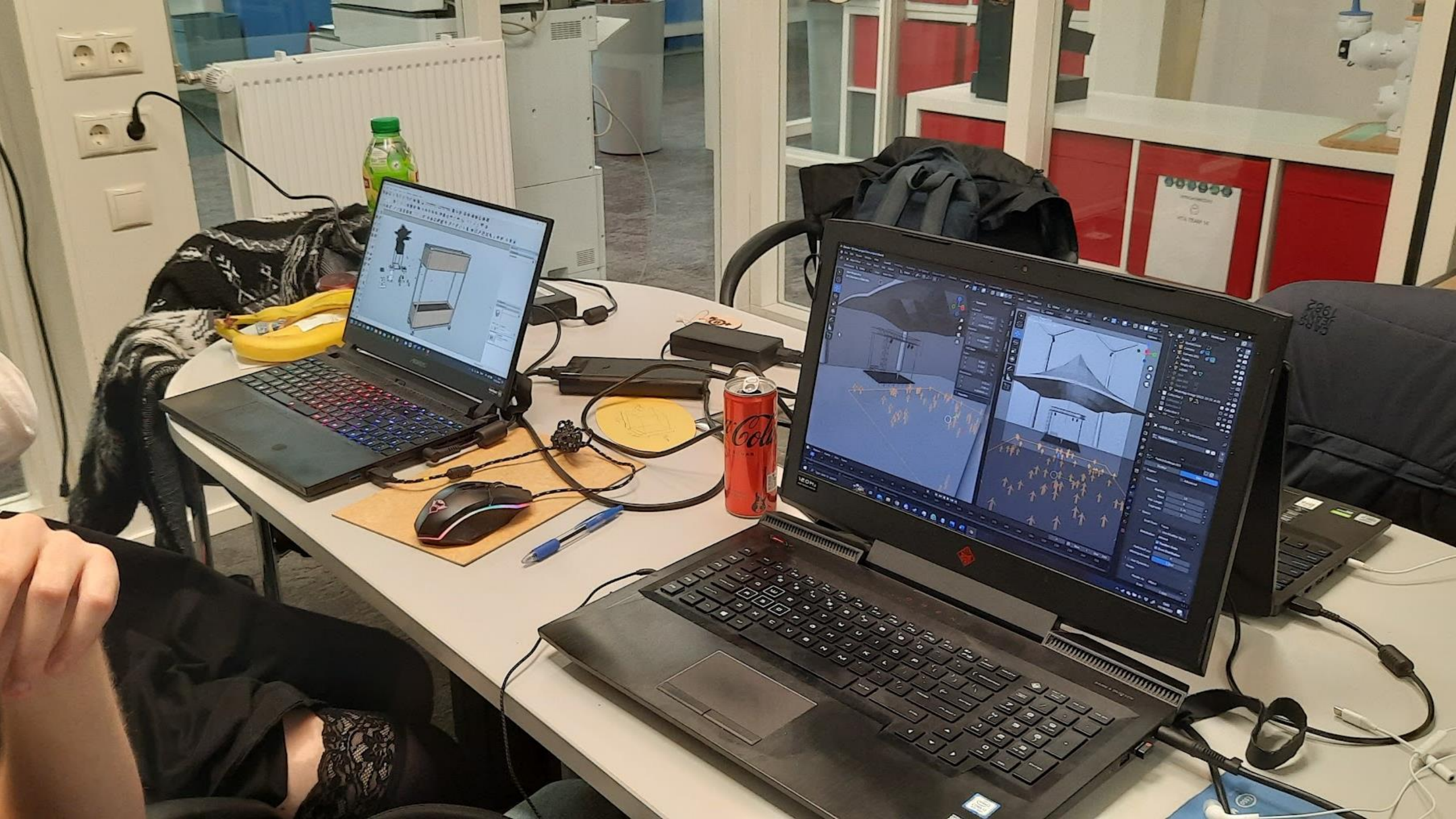
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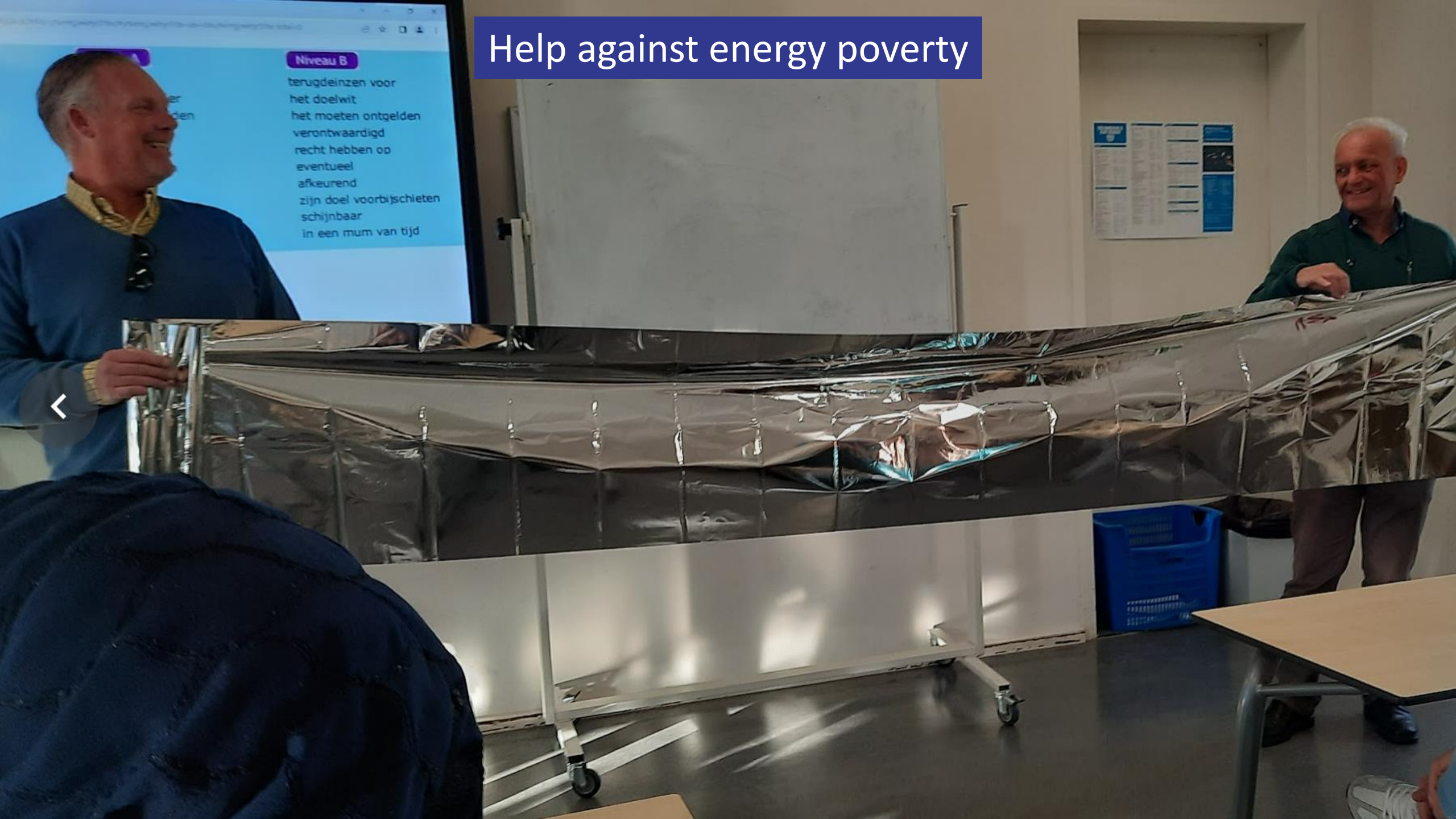




Help against energy poverty

Niveau B

terugdeinzen voor
het doelwit
het moeten ontgelden
verontwaardigd
recht hebben op
eventueel
afkeurend
zijn doel voorbischieten
schijnbaar
in een mum van tijd







what

how

who

where

Step by step plan:

1. Preparing phase
2. Consciousness and vision
3. Basis analyse
4. Creative solutions
5. Determine priorities

Producten
Diensten

Machines
Methoden

De
omgeving

Bekwaam
en gezond
personeel

- 17 PARTNERSHIPS FOR THE GOALS
- 16 PEACE, JUSTICE AND STRONG INSTITUTIONS
- 15 LIFE ON LAND
- 14 LIFE BELOW WATER
- 13 CLIMATE ACTION
- 12 RESPONSIBLE CONSUMPTION AND PRODUCTION
- 11 SUSTAINABLE CITIES AND COMMUNITIES
- 10 REDUCED INEQUALITIES
- 6 CLEAN WATER AND SANITATION
- 7 AFFORDABLE AND CLEAN ENERGY
- 8 DECENT WORK AND ECONOMIC GROWTH
- 6 INDUSTRY, INNOVATION AND INFRASTRUCTURE
- 7 AFFORDABLE AND CLEAN ENERGY
- 8 DECENT WORK AND ECONOMIC GROWTH
- 5 GENDER EQUALITY
- 4 QUALITY EDUCATION
- 3 GOOD HEALTH AND WELL-BEING
- 2 ZERO HUNGER
- 1 NO POVERTY

