

CIV
EVERYTHING25

water

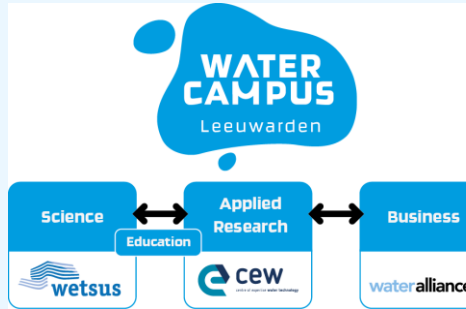
Centre for innovative craftsmanship Water

Program

- Welcome
 - Coffee and a local treat
- CIV Water briefly explained
- Tour WaterCampus (in two groups)
 - WaterApplicationCentre
 - Wetsus research facilities



CIV
water



What is a CIV?

CIV stands for: Centre for innovative craftsmanship

- A knowledge centre for VET
- A collaboration between industrie and schools
- To inspire (young) people to a technical career in water
- Developer of talent of future and working professionals
- Creator of new innovative education, together with experts and teachers
- A place for business “in the driver seat”

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Why CIV Water?

- A lot of experienced professionals are retiring
- Preventing a braindrain
- To ensure vocational education is up to date and future proof
- To update professionals
- Building a bridge between vocational education and applied science
- Translate new developments in the water sector into new education
- To focus on sectors where water is essential

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Learning Cycle

lifelong learning

Age >

from 10 years

from 12 years

from 16 years

from 20 years

from 25 years

Primary education

- 3 Water Days
- 8+ Program
- Water Wonder Lab

Secondary education

- Honours program
- Teaching material
- Profile Selection Test

Vocational education

- Training and education professionals
- Empowering vocational education

Applied sciences water

- Bachelor of
 - Environment
 - Biotechnology
 - Chemical Engineering

Master water technology

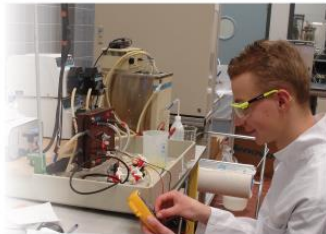
- MSc Water Technology (joint degree)

PhD

- Research schools

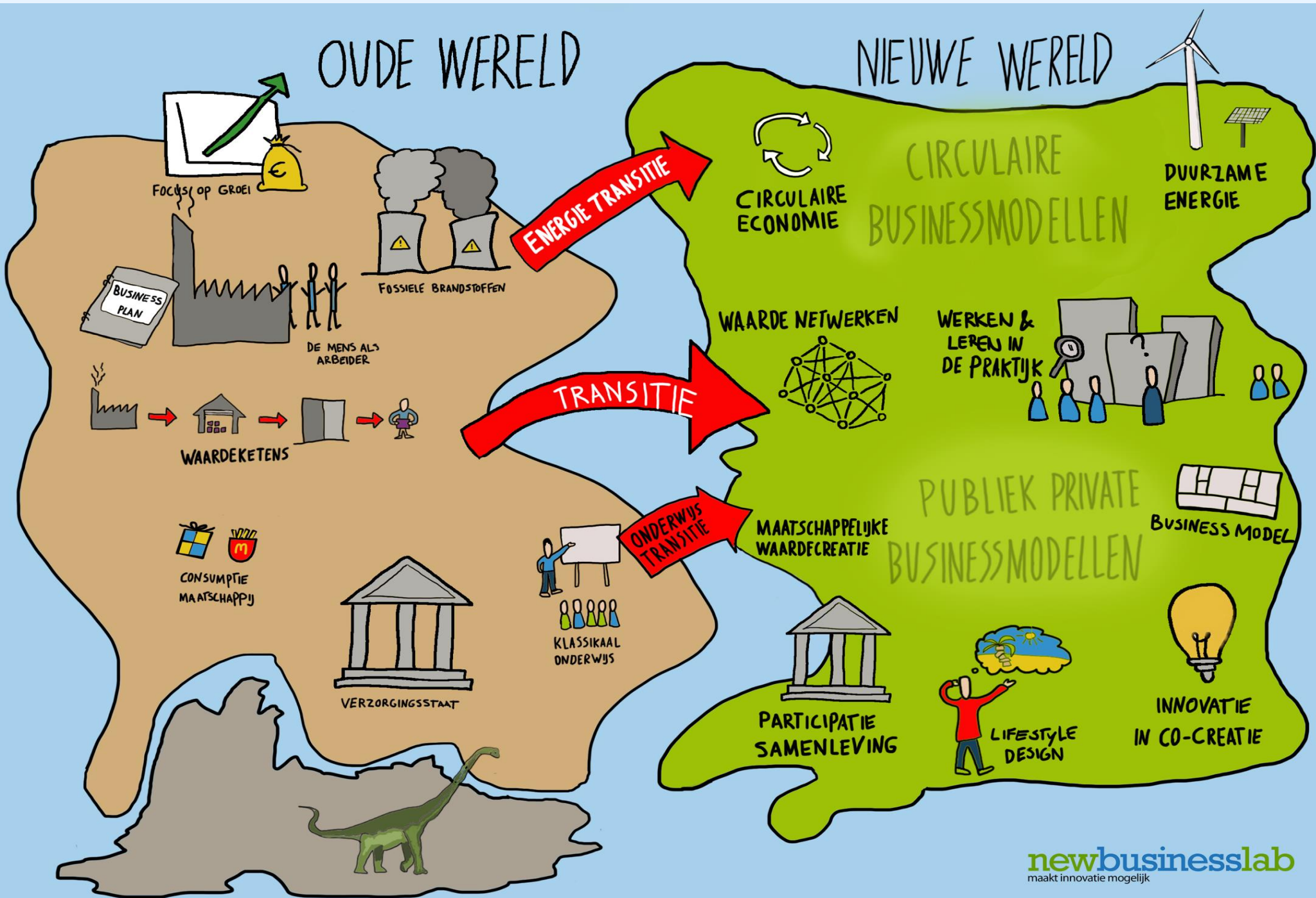
Business education

- MBA Program
- Masterclasses
- Business Challenge

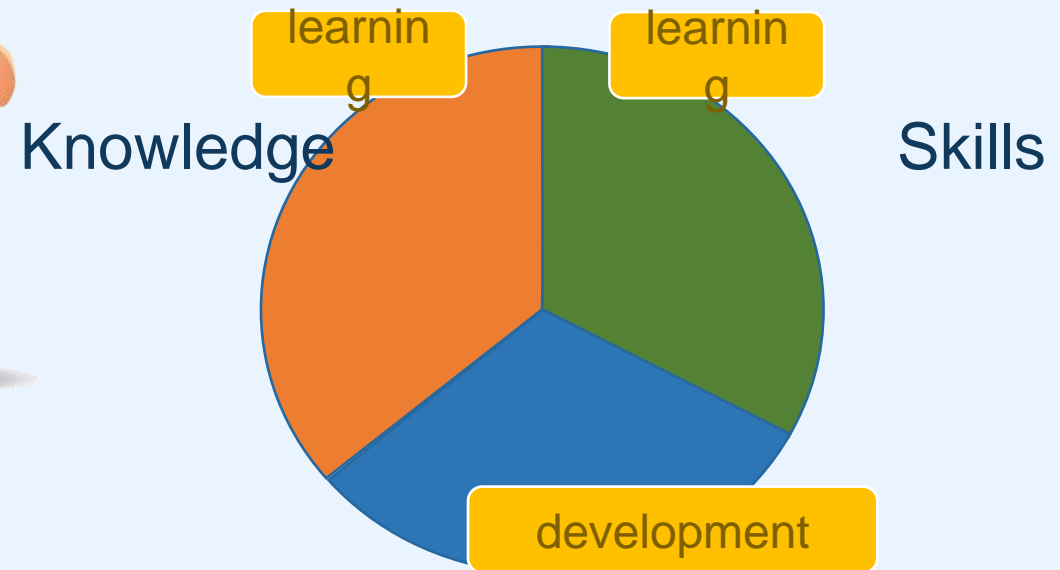


OUDE WERELD

NIEUWE WERELD



Futureproof craftsmanship



3 fields in the watersector

- Watermanagement
- Laboratory/Analist
- Procesoperator

IMPORTANT

Water Application Centre (WAC)



A few results from CIV Water Underwaterdrone Pilot



New education material for VET and Applied Science

2 schools, 3 companies and a governmental organisation participated

VET and Applied Science students follow classes together on both levels

Taught by teachers from the participating schools and companies

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A few results from CIV Water Minor Waterquality



3 schools and 3 companies
participated

6 meetings

Available for all VET schools

Official approved by OCW

Taught by teachers from the
participated schools and companies

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A few results from CIV Water

Incompagny training Waterquality and Ecology



Training was developed in co-creation with waterboard and school for the working professionals

A guest teacher from the waterboard taught the subjects and a school teacher guided on the didactical field

Multiple fieldtrips

Developed education material is the base for a certified VET training

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A few results from CIV Water Projectweek Wastewater



5 schools participated

1 week for creating a working
wastewater plant (on scale)

Students work together the
biological and technical subjects

80% continued studying in the
field of water

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PILOT PLATFORM OF VOCATIONAL EXCELLENCE – WATER (PoVE WATER Scale up)



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PoVE Water Scale Up aims to

- Ensure that VET is at the forefront of research and technological developments in the water sector;
- Ensure that current and future water sector professionals have the work attitude, knowledge and competences that the rapid changing EU water industry demands;
- Identify the existing and emerging labour market needs and enhance the responsiveness of initial and continuing VET systems to these needs;
- Promote synergies, cooperation and cross-fertilisation.

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Main outputs of the project will be

- Vocational Excellence Scanning tools to identify the existing systems of Vocational Excellence of the participating organisations and prepare the knowledge sharing process;
- 5 Centres of Vocational Excellence Water, acting up as regional 'Skills ecosystems';
- Platform of Vocational Excellence Water, bringing an EU dimension to Vocational Excellence in the water sector;
- An Upscaling strategy, for the PoVE Water to grow and create a critical mass and sustainable ground for further development. Pilot PoVE Water structure

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Platform of Vocational Excellence Water (PoVE Water) Scale Up project partners



