



PETER LUSCUERE

How many liters of water did you drink today?

4 cups of tea or coffee and 2 juices and 2 cups of water?

That's $4*0.1 \text{ l} + 2*0.1 \text{ l} + 2*0.2 \text{ l} = 1.0 \text{ l}$

One cup of coffee = 1100 cups of water

→ $4400*0.1 + 0.6 = 440.6 \text{ l}$

(forgetting the coffee that got flushed away...)

PETER LUSCUERE

The Netherlands rank 27th (of 28) on the list of percentage of renewable energy.

We have been beaten by Malta!

PETER LUSCUERE

Alternating
between depressing perspectives
if we keep doing what we have always been doing
and positive opportunities
if we dare to approach things the other way

Filip Willockx

Self-cleaning organisms

David de Grauw & colleague

Building the circular economy

Michel Weijers

**City hall Venlo:
the largest green air-purifying wall**

Jan-Maarten Elias

Re-store: on-line market for technical services

David Peck

Massive Open Online Course on circular economy

Coert Zachariasse

Children, that's whom you do it for.

Coert Zachariasse

We build the future, at least 50 years of that future.
So what do we want to leave as a legacy?

Coert Zachariasse

**The Netherlands can play a significant role
in a circular world economy:**

- We hardly have resources so there is a necessity
- We have a large, fairly well-off middle class
 - We have an open economy

Are we going to seize this opportunity?

Coert Zachariasse

**Builders should offer comfortable shelter.
Not a building with technical utilities.**

Making the service the responsibility,
not the hardware,
will help getting to circularity.

Jan Rotmans

**The judge's verdict in the Climate Case
of Urgenda versus the State of the Netherlands
is historical.**

In three senses:

1. Climate change is an urgent, human, problem.
2. Governments are responsible for the future of their people.
3. 20% CO₂ reduction by 2020 is not enough, 25% is minimum.

Jan Rotmans

Consequences of the Climate Case:

Anywhere across the world people can hold governments responsible for faltering action, and force them to change this.

If the Dutch government appeals to the Higher Court, the shame on our country is complete.

Which government dares to ignore their responsibility to their people?

Jan Rotmans

Jan's three actions for urgent CO₂ reduction:

- 1. Shut down all coal-fired powerplants.**
- 2. Renovate the existing built environment.**
- 3. Tackle the energy-intensive industry.**

Hans Goverde

Closing cycles inside buildings

Bert van Dorp

Enriching C2C with social impact

Lars Luscuere

Passports for all products

René de Klerk

**Sign contracts with (often unknown) companies
before and after the procurement stage**

Steven Beckers

Coopetition

Steven Beckers

Positive

energy-positive
water-positive
resource-positive
nutrient-positive
health-positive

Affordable

Steven Beckers

"Abattoir, ou Bruxelles vive."

"Slaughterhouse, where Brussels lives."

animals are killed
they become food
they are eaten by humans
they become energy, proteins and faeces
which become nutrients
which become food
which are eaten by animals
who are killed

Circularity!

Steven Beckers

Proposed approach:

- 1. Take the performance of the best case in the market**
- 2. Formulate the ideal performance**
- 3. Go for the level in-between**

Parallel sessions

Michel Weijers & Hans Goverde

It never stops: new now will be old soon.

**In design, C2C and circularity should not be a goal
but a means to get to better quality and a business case.**

Parallel sessions

Remko Zuidema

Tom Bosschaert

Stephen Beckers

Matthijs Prins

Arjan van Timmeren

Thank you for all this human energy

It's probably not circular at all
However, at the meta-level it probably is

Now convey it to all parties not present.



Size matters

**Peter Luscuere
Coert Zachariasse
Steven Beckers
Jan Rotmans**

...

They were equally tall!

1.90 m is the optimal height for men in sustainability!

Luckily this does not apply to women...

Here's
Anne-Marie Rakhorst!