

Closing loops. Opening worlds.

Powered by:

Brightlands
Chemelot Campus



Maastricht University

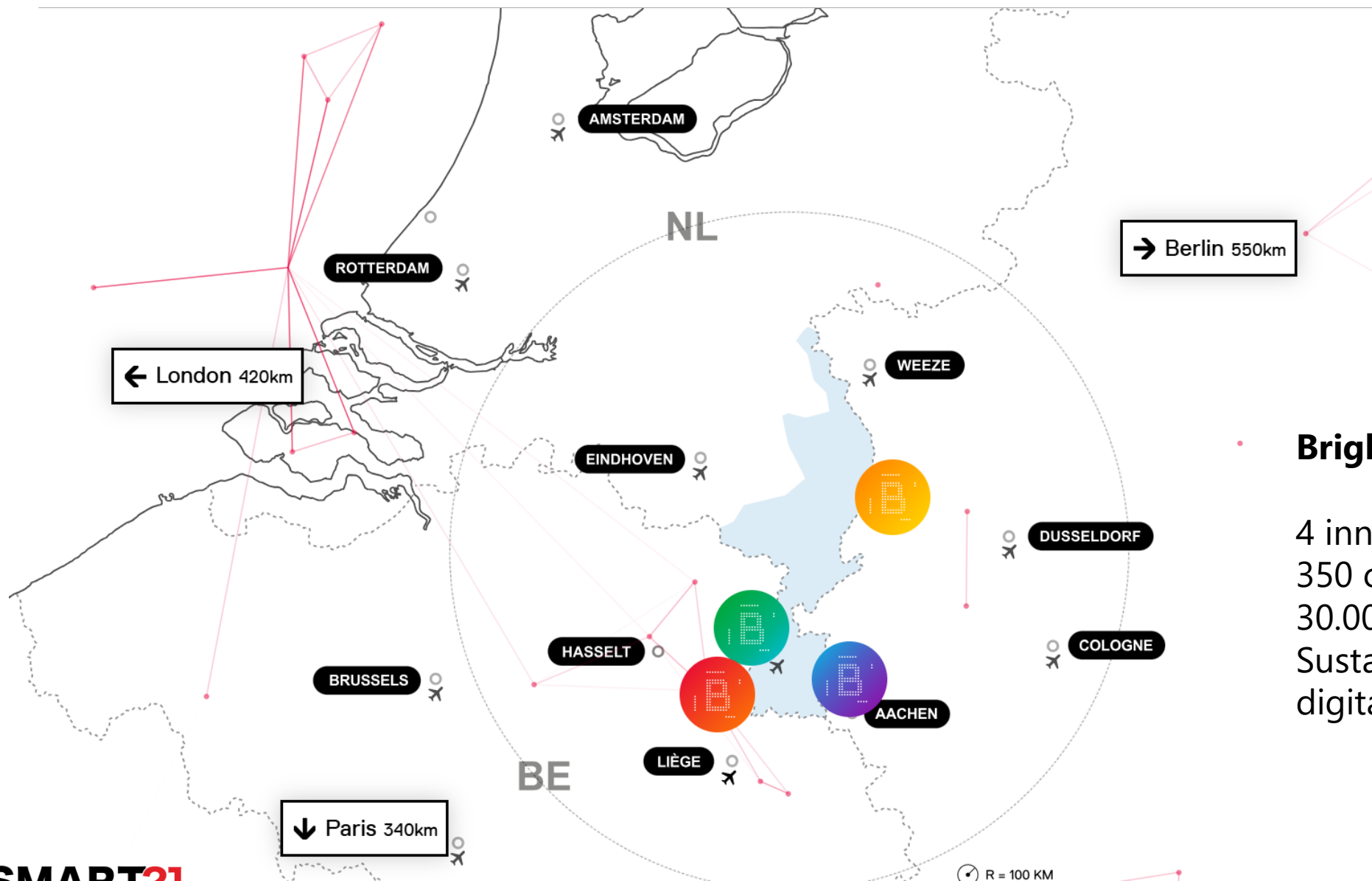
TNO innovation
for life

Maurice Olivers
Public relations



Brightlands
Circular
Space





Brightlands Ecosystem

4 innovation campuses
350 companies
30.000 innovators
Sustainability, health,
digital





Brightlands Chemelot Campus

Circular materials, chemical processes, biomedical innovations

Innovation campus; 130 companies 3.000 jobs + 1.000 students

Since 2012

Province of Limburg, Maastricht University, DSM

Located: Sittard-Geleen NL



SEKISUI

sappi

ARLANXEO

FIBRANT



BASF
We create chemistry

Lonza



Mitsui Chemicals

TEIJIN

AVIENT

OCI
NITROGEN

sitech
services



dsm-firmenich



AEROBEL
WORLDWIDE INSULATION TECHNOLOGY



BLUE PLASTICS



Brigh2
the renewable alternative



COOLBROOK®



SYCLUS



novocycle



MAVISOL

Resolved
Technologies

MEVALDI



Procs
medical

NANOLOY

ADURO
CLEAN TECHNOLOGIES



fortimedix



I-N-N-O
S-Y-N
Tomorrow's chemistry. Today.



YPAREX



HUYGEN

PROFCORE



Brightlands
Materials Center

Brightsite
transforming industry



Maastricht University



TNO
innovation for life



intertek
Total Quality. Assured.



Maastricht University

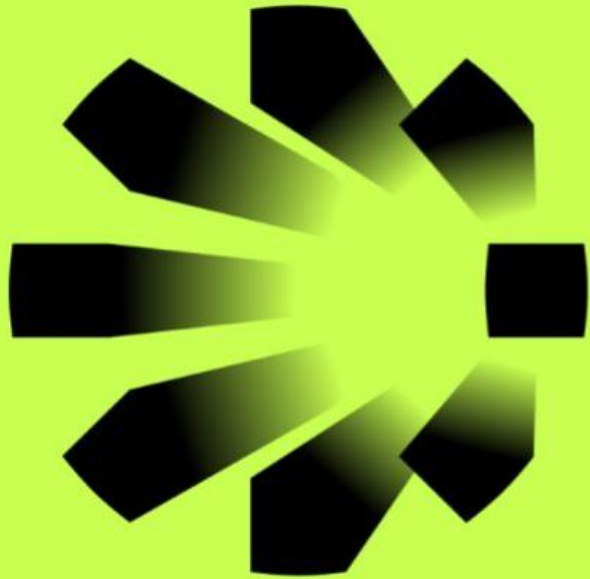
ZU
YD

VISTA
college

Chemelot
Innovation and
Learning Labs

RWTH AACHEN
UNIVERSITY

TU/e



Brightlands Circular Space

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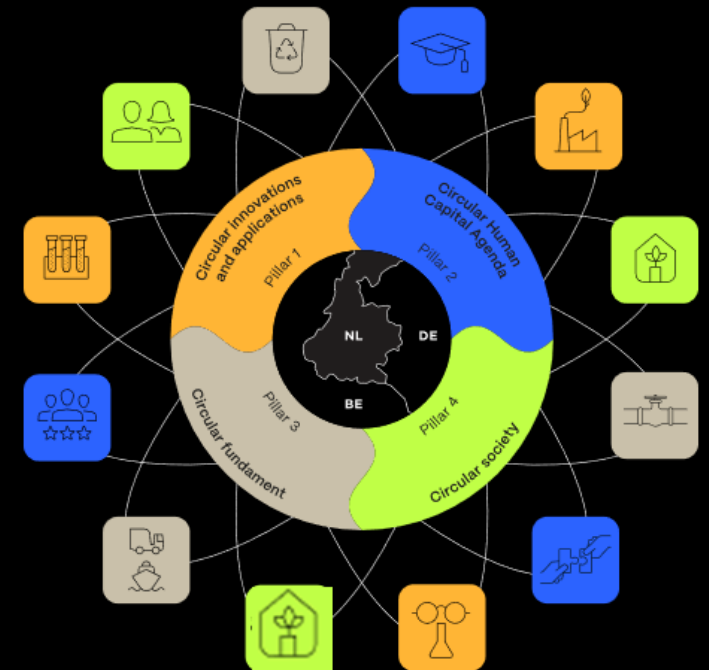
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Chemelot Campus

 Maastricht
University

 **TNO** innovation
for life

Brightlands Circular Space

Catalyst for transition to a circular world



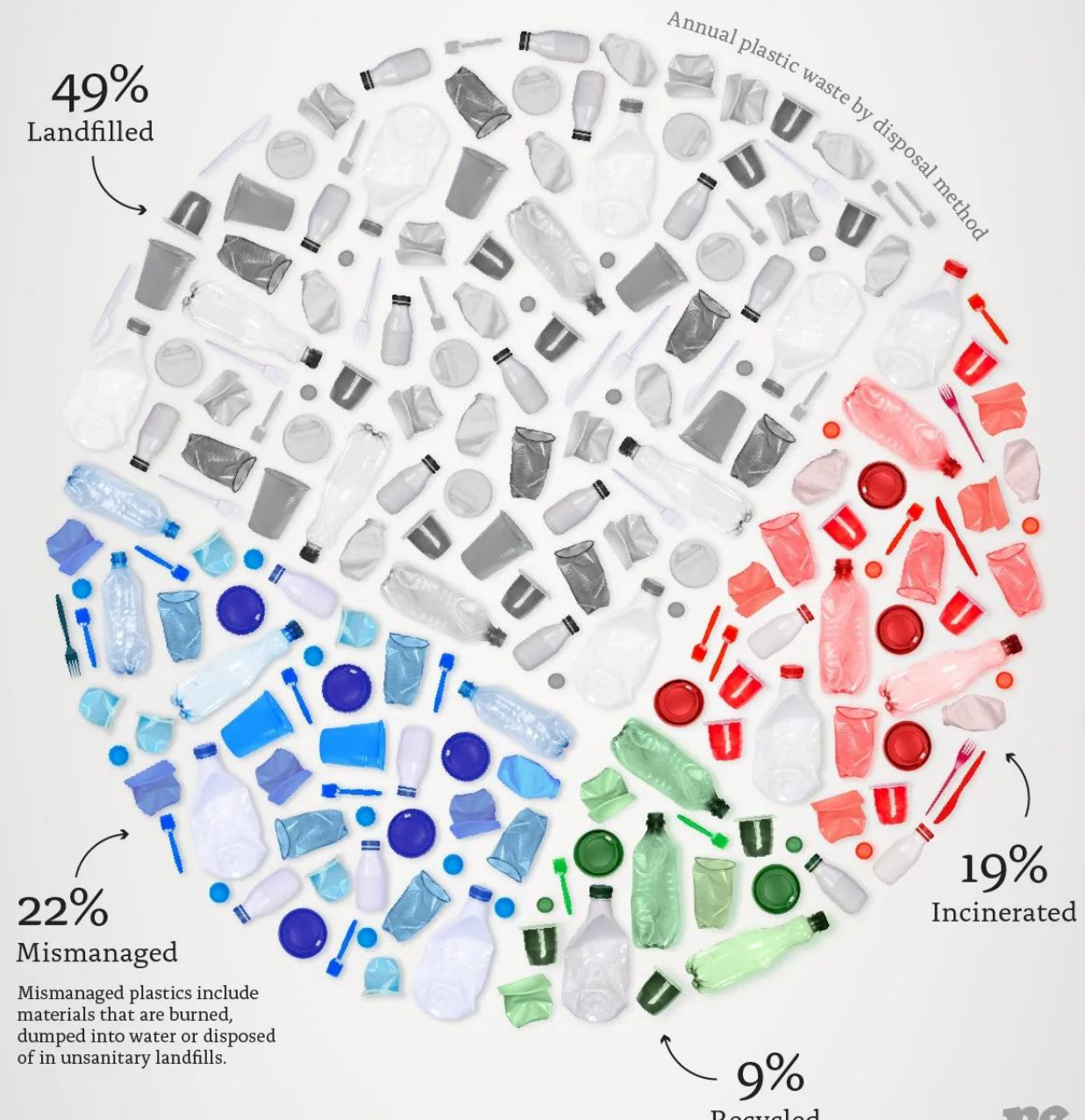
A world to win

Plastics & the challenge

- Recycled plastic is still pricier than virgin plastic.
- High-quality recyclate is in short supply.
- Changing properties demand more from producers.
- Legal rules complicate recyclate use.
- Material origins are often unclear.
- And customers don't always embrace circular design.

SORTING THE WORLD'S PLASTIC

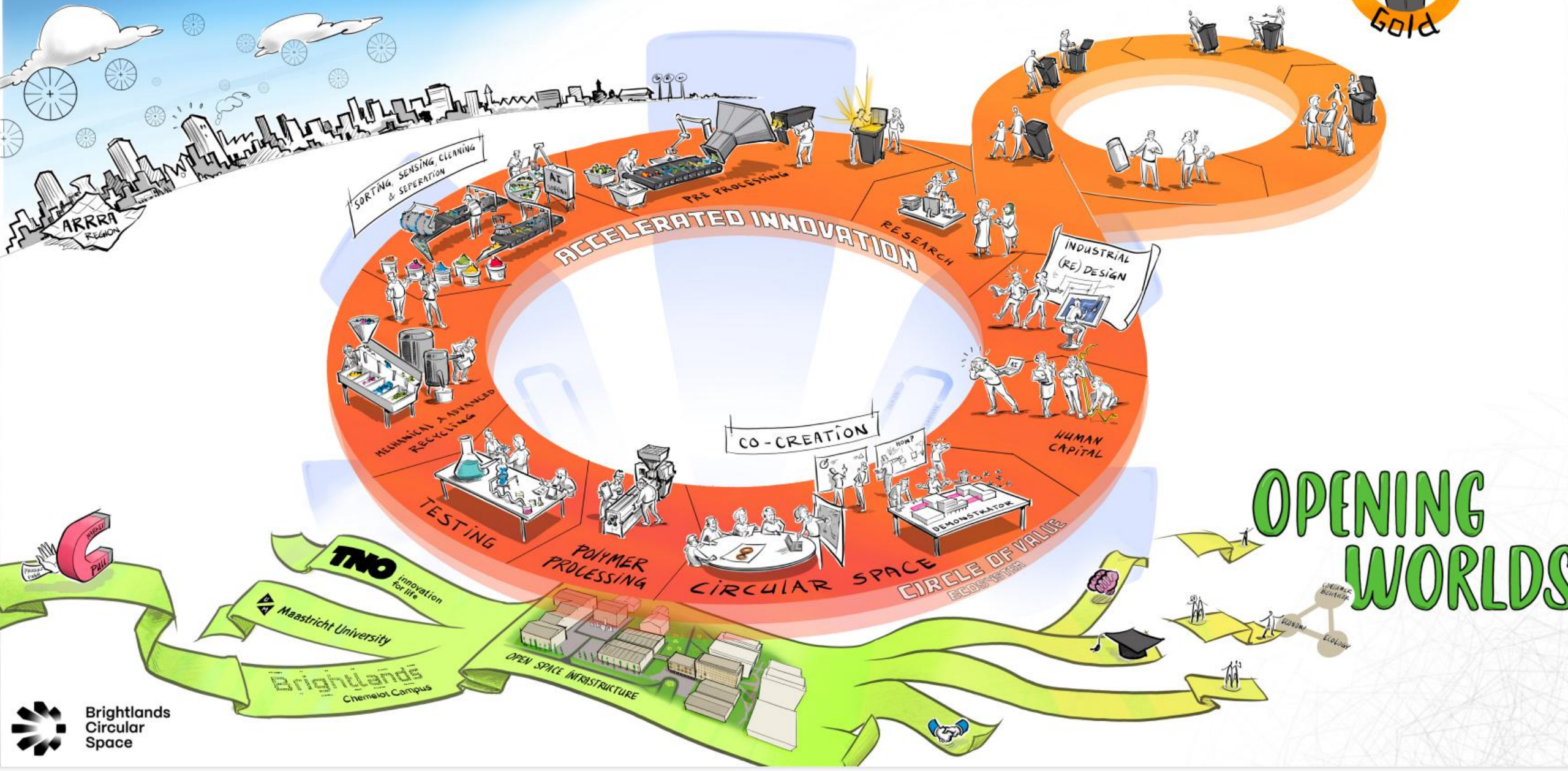
How much plastic waste actually gets recycled globally?



Our **mission** is to accelerate the circular use of **plastics** in society so that plastics are reused as often as possible on an industrial scale as a raw material for new products



CLOSING LOOPS



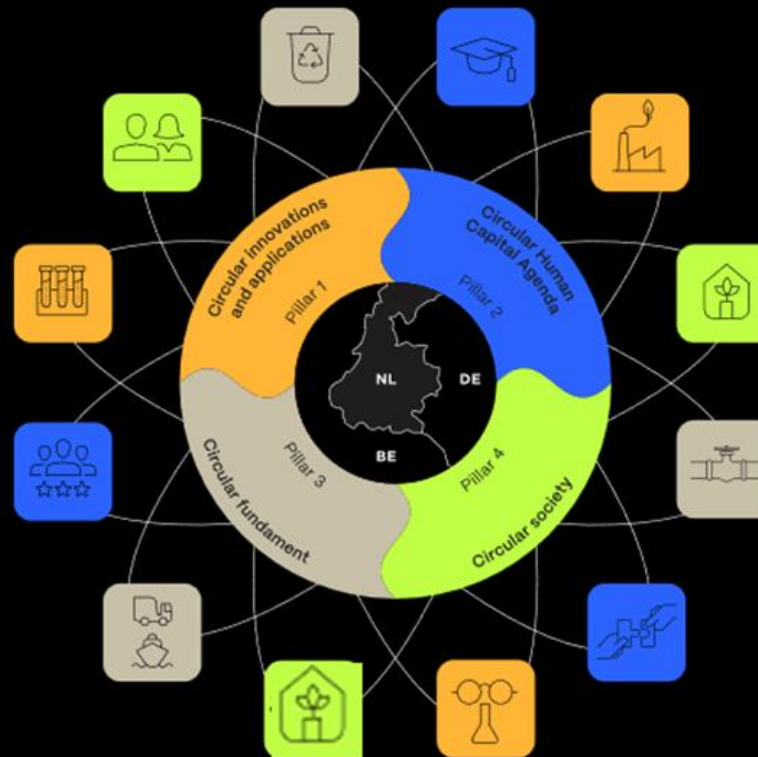
Brightlands
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Space

System Integral Cooperation

Circular co-creation



Circular foundation



Circular Talent

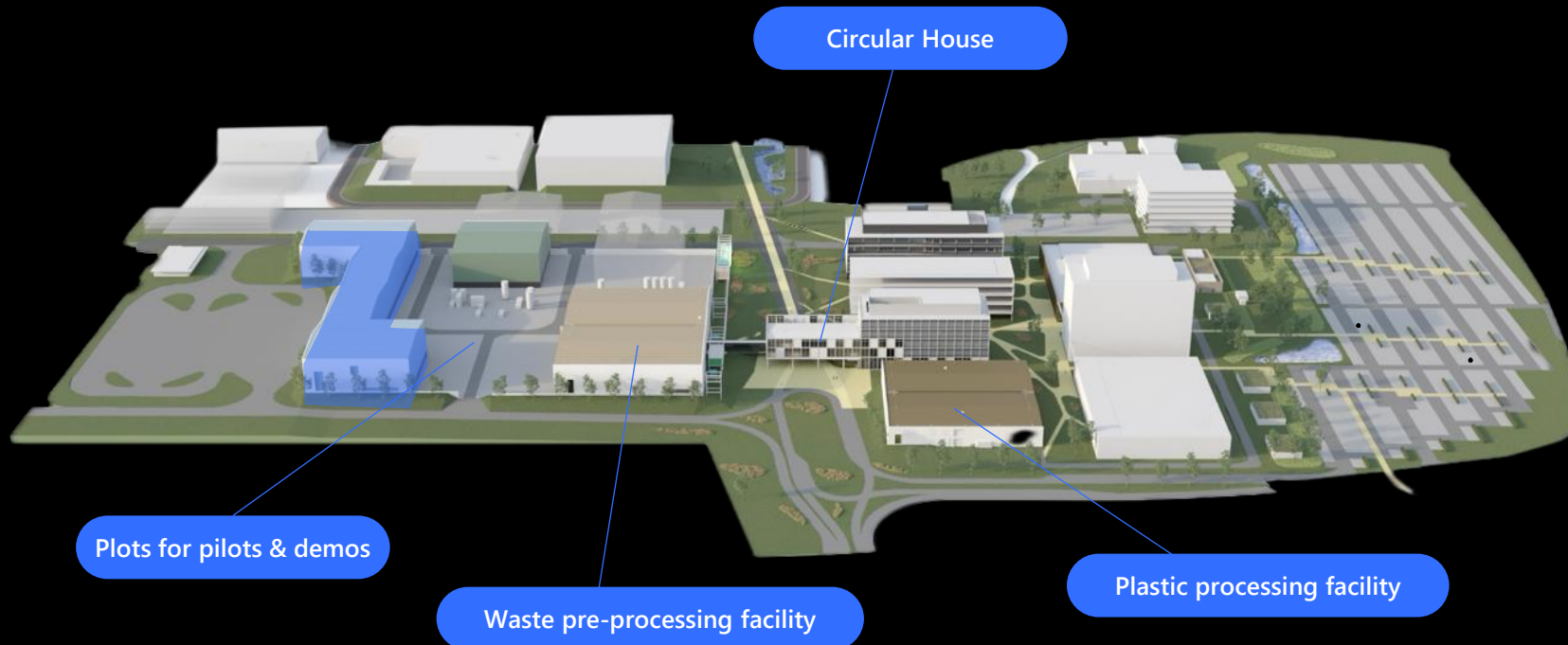


Circular Society



Circular Foundation

Open acces demonstrator



Brightlands Chemelot Campus & Chemelot industrial park

Pilots & demos

25.000 m2 with plot infra

Waste pre-processing facility

5000 m2 equipment, operators, R&D support

Circular House

7.500 m2 design, community, talent

Plastic processing facility

4.000 m2 equipment, operators, R&D support

Brightlands Circular Space Facilities



*We are on to
something good!*

Investors & Partners

Brightlands
Chemelot Campus

 Maastricht
University

TNO innovation
for life

 Circular
Plastics NL

 Ministry of Economic Affairs and
Climate Policy of the Netherlands

 Rijksoverheid voor Ondernemers
Nederland

 **STIMULUS**
Programmanagement

JTF Fonds voor
rechtvaardige
transitie



**WORLD
ECONOMIC
FORUM**

 Global
Impact
Coalition
Transforming the world and climate for the better

Hubs4Circularity
COMMUNITY OF PRACTICE

 provincie limburg

 Sittard-Geleen



Building strong connections

WEF Netzero cluster
Global Impact Coalition
Hubs4Circularity
Syschemiq
JTF

Circular Plastics NL
Sustainable Growth Coalition

Unleashing the Full Potential of Industrial Clusters: Infrastructure Solutions for Clean Energies

WHITE PAPER
JANUARY 2025

EMBARGOED UNTIL 22 JANUARY 11:30 AM CET



A high-angle photograph of a massive crowd of people, mostly wearing red shirts, gathered in a large open space. They are forming a large human pyramid, with many people standing on the shoulders of others. The crowd is dense and extends far into the background, creating a sense of scale and collective effort.

Closing loops.
Opening worlds.

Circular Co Creation



Brightlands
Circular
Space

Syschemiq

21 consortium partners from 5 EU-countries representing industry, science, education, government as well as cities and EU-networks across Europe. They work together to close the plastics cycle and speed up the circular economy in Europe.



Circular Talent





Circular Society

**NEVER WASTE
A
GOOD THING**

MEET

B R A I T A

