



NRK Recycling



“Plastics gone Circular”

Jur Zandbergen
President NRK Recycling

Amsterdam, 29 March 2017



NRK Recycling



Welcome to the colourful world of Dutch plastics recyclers





The Dutch Way Forward





NRK Recycling



NRK Recycling

The Dutch “PRE”

27 Members

> 85% Dutch market

Collect, Sort and Recycle

>1 million tonnes

European plastic waste

Three consecutive PRE Presidents

(from 1997 till today)





NRK Recycling



EFSA approvals and/or are EU Certplast certified.



olzuurvrij + koolzuurhoudend
100% natuurlijk zuiver mineraalwater

Dé trend in water: bruisend water met een smaakje
Verkrijgbaar in de smaken Citroen, Framboos en Granny Smith. 100% natuurlijk.





SUSTAINABLE DEVELOPMENT 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 THE GOALS 	 SUSTAINABLE DEVELOPMENT GOALS



- ✓ Conservation of raw materials
- ✓ Lower energy consumption
- ✓ Reduce CO2 emissions

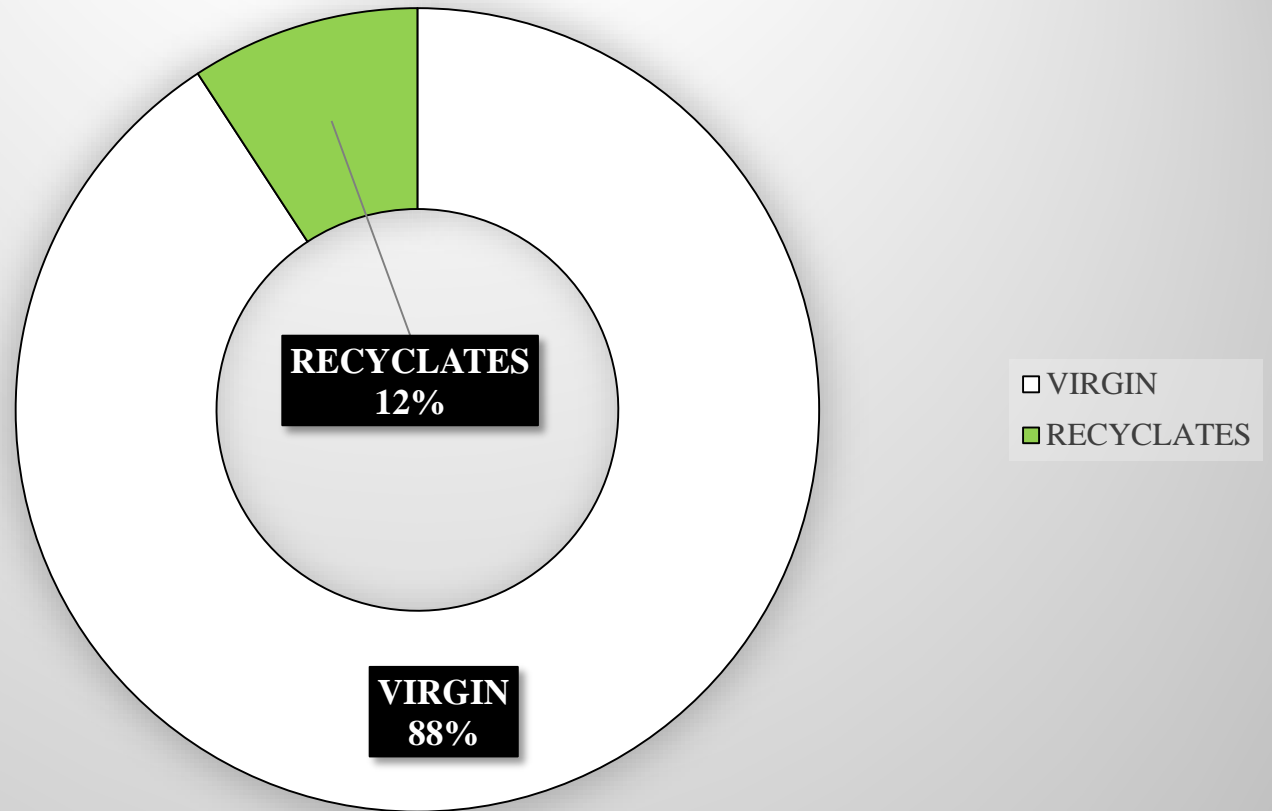


**HOW TO ACHIEVE
MORE CIRCULARITY:**

**CLOSE THE PLASTIC
LOOPS**

**THE USE OF
RECYCLATE
SHOULD BECOME
THE PREVAILING RAW
MATERIAL STANDARD.**





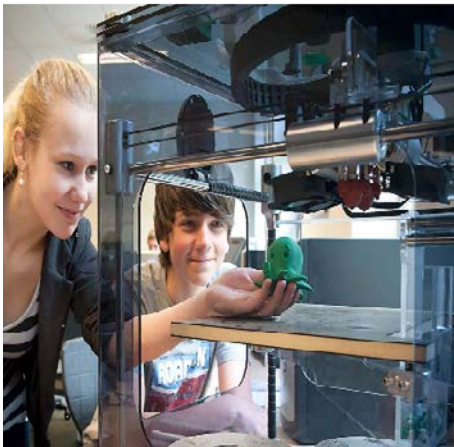
DUTCH PLASTICS RAW MATERIAL SPLIT IN CONVERTING 2014



Dutch Circular Economy ambitions in a nutshell

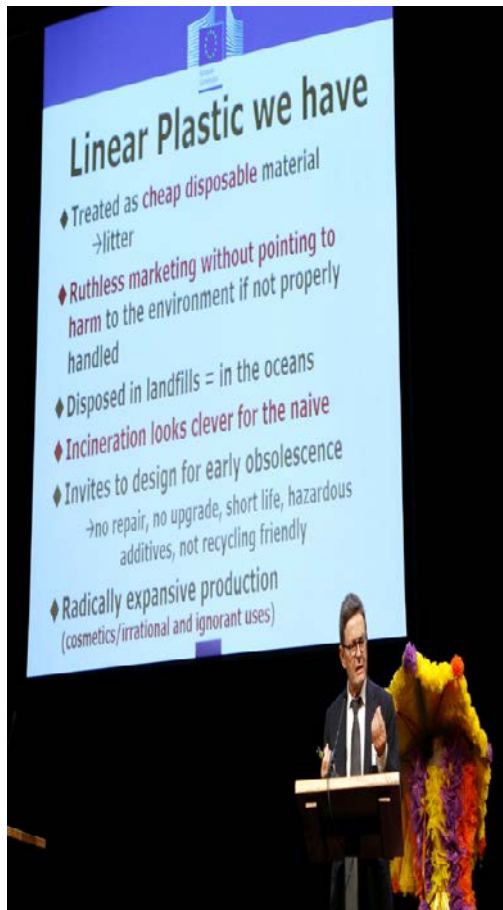


Nederland circulair
in 2050



- **Governmental** recognition of urgent need to safeguard valuable resources
- **Broad political** support CO2 reduction
- **50% reduction** of use of primary raw materials (minerals, **fossil** and metals) by 2030
- The Netherlands to be **fully circular** in 2050

Prof.Dr.jur. Maurer : “Let’s simply change perspective”



- “Today’s Plastics are treated as **“cheap disposable materials”**”
- “Linear Plastics invite to **design for early obsolescence**”
- “**Incineration looks clever for the naive**”
- “Disposal in landfills = disposal in the oceans”
- “**Climate change :**
only 6 years ‘business as usual’ left”



What do WE need from Dutch and EU legislators to achieve Circular Economy ambitions:



- Real focus and funding of **Raw Material transition**
- Change in collection systems.
- **Clarity on REACH.**
- **Add real value to CO2 emission savings** achieved by mechanical recycling
- **Incineration** can only be a **last resort**

What do WE need to work on:



- **Harmonised international standards** for recycled raw materials
- Design **with** recyclates projects (eco-design)
- **Value chain solutions** for various mixed material waste challenges
- Improve communication on **Best Practices** and achievements



Involvement of NRK Recycling



1. **Participation** in numerous working groups
2. Participation in multi stakeholder projects
Value chain solution based approaches (in Dutch :
“polderen”) should **eliminate obstacles** !
3. Active involvement on the Circular Economy
transition agenda.
4. Joint communication with Dutch Plastic
Packaging Industry and PlasticsEurope
Netherlands





Involvement of NRK Recycling

www.rethinkplastics.nl



- Facts and figures
- Position papers
- Strategy papers

DUURZAAMHEID

Plastics zijn te waardevol om weg te gooien

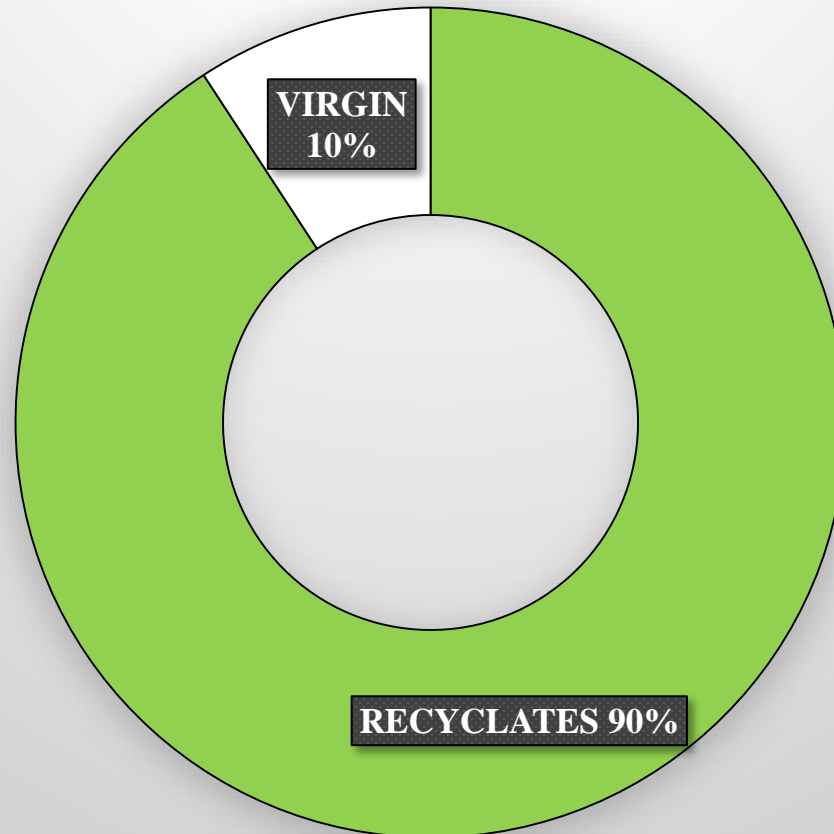
Daarom zijn we bezig de herverwerking van kunststof en plastic verder te ontwikkelen en de circulaire economie mede naar te geven.

1,7% van de totale CO₂ uitstoot per persoon in de EU komt door het gebruik van kunststof productie. Ter vergelijking: een vliegtuig tussen Europa en Azië voor ongeveer 8% hiervan bij.





THE ACHIEVABLE FUTURE



DUTCH PLASTICS RAW MATERIAL SPLIT IN CONVERTING 2050



NRK Recycling



PLASTICS ALREADY GONE CIRCULAR





NRK Recycling



YOU are the key to stimulate further change



Van afval naar supergrondstof.

Gebruik gerecyclede kunststoffen
moet de norm worden.





NRK Recycling



THANK YOU FOR YOUR ATTENTION

RECYCLATES FIRST !!