

Session: Using post-consumer waste for new materials  
Presentation by: Joris van der Meulen, *Nedvang*

---

Title: **Closing the loop for post-consumer packaging waste**

Author: **Joris van der Meulen**

Contact details:

Joris van der Meulen  
Project manager  
Stichting Nedvang  
P.O. Box 8724  
3009 AS Rotterdam  
The Netherlands  
T +31 10 420 6161  
E [jvandermeulen@nedvang.nl](mailto:jvandermeulen@nedvang.nl)



Curriculum:

Joris van der Meulen, is project manager and working for Stichting Nedvang. This is a subsidiary of Afvalfonds Verpakkingen (“Packaging Waste Fund”) which is established by producers and importers to collectively meet the extended producer responsibilities as stated in the Packaging Decree and Packaging Agreement. Joris has over 20 years of experience in waste and resource management and was responsible for setting up and optimizing the collection and recycling scheme for household plastic packaging in the Netherlands. He is currently responsible for the project management of several projects concerning the improvement of the quality and recyclability of sorted and recycled household plastic packaging in The Netherlands.

Abstract:

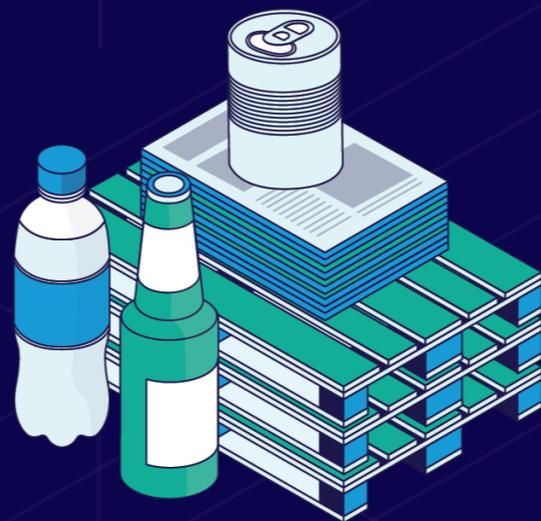
The collection and recycling of packaging waste in the Netherlands has a long history and an impressive track record on all packaging materials. With these results, The Netherlands is one of the leading countries in Europe. In her ambition to close the loop for postconsumer packaging, Nedvang and its partners are faced with numerous challenges.

**nedvang**

NEDERLAND VAN AFVAL NAAR GRONDSTOF

# Closing the loop for post-consumer packaging waste

Circular and Biobased Performance Materials  
Conference, June 19<sup>th</sup> 2019



# A circular economy for packaging

Whether it's a gel jar, a can of soup or a wine bottle: packaging waste can become a commodity again.

A circular economy for packaging requires cooperation, knowledge exchange and innovation.

On behalf of the Afvalfonds Verpakkingen ("Waste Packaging Fund"), Nedvang is committed to bringing the Netherlands from Waste to Commodities.



# The Netherlands from Waste to Commodities

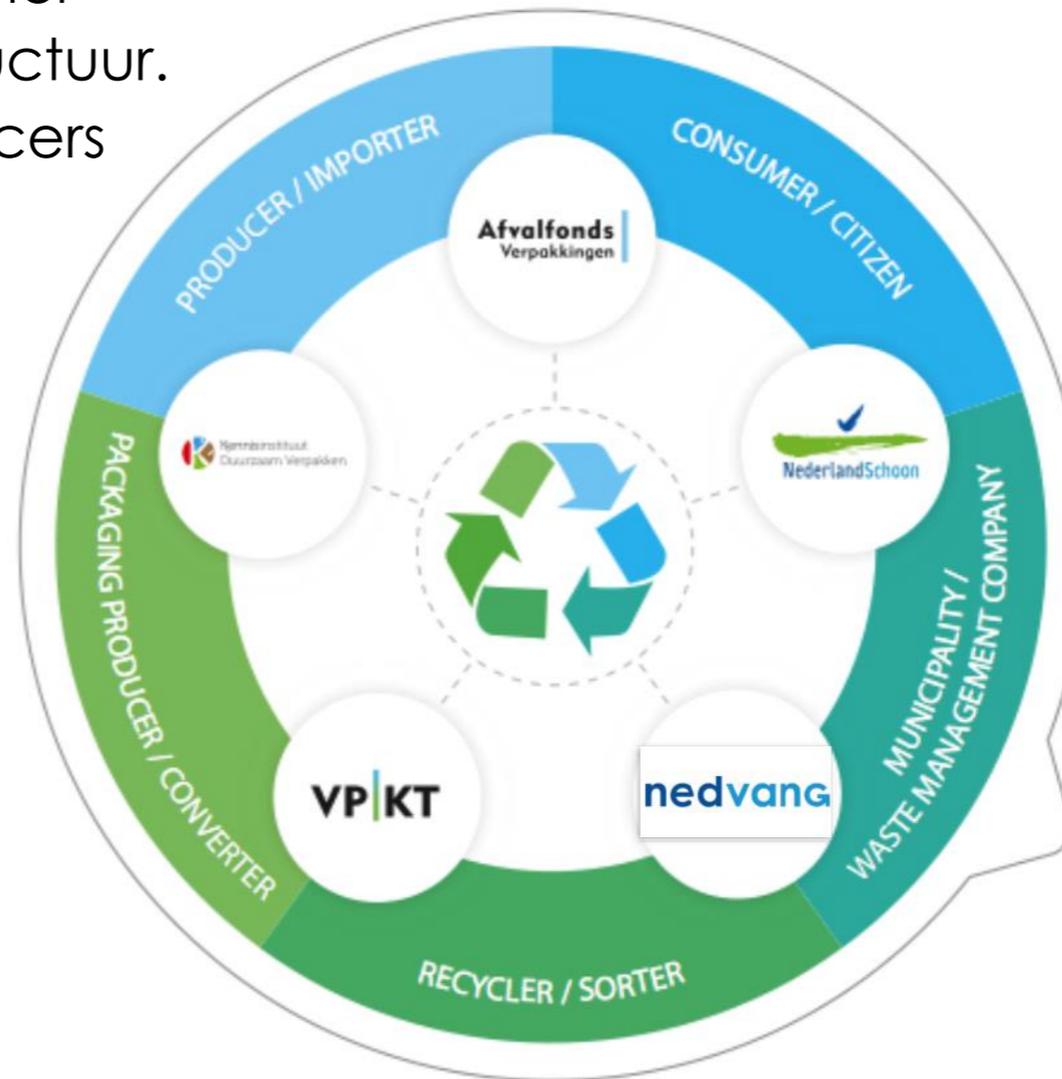
Nedvang literally stands for 'The Netherlands from Waste to Commodities'.

We register and stimulate the collecting and recycling of all packaging waste in the Netherlands.



# This is team work

Nedvang is part of a chain of partner organizations: the Afvalbeheersstructuur. Together we implement the producers responsibility for the collecting and recycling of packaging in The Netherlands.



EPR  
in the  
Netherlands



# Results and ambitions

<i>Materiaal</i>	<i>Resultaat 2016</i>	<i>Resultaat 2017</i>	<i>Doelstelling EU 2017</i>	<i>Doelstelling NL 2017</i>
Glas	84%	86%	60%	90%
Papier en karton	87%	87%	60%	75%
Kunststof	52%	50%	22,5%	47%
Metaal	95%	95%	50%	85%
Hout	57%	73%	15%	35%
<b>Totaal recycling</b>	<b>75%</b>	<b>78%</b>	<b>55%</b>	<b>70%</b>

Our ambitions are clear:

All circular packaging chains must be closed. The result for 2017 show that for metals, paper / cardboard, glass and wood circularity is at a very high level, but we still have to take steps with plastic packaging.

More focus on quality and innovation and creating a more demand driven value chain for recycled plastic packaging.

# Challenges for plastics

- Increasing and diversification in recycling targets
- Shift in measuring point
- Recycling capacity in Europe is being stretched
- Focus shift from quantity to quality
- Governance

# Action plans

- Design for recycling
- Eco fee modulation
- Chain optimization Platform
- Focus on increasing the quality of the collection and recycling of plastic packaging:
  - Project “Recommendation for new sorting specifications”
  - Project “Standardisation plastic packaging recyclates” (PE & PP)
- Investing in and supporting innovation

**Thank you for your attention**

For more information:

Stichting Nedvang  
Postbus 8724  
3009 AS Rotterdam  
+31 10 420 61 61  
jvandermeulen@nedvang.nl  
+31 6 222 401 64