

# Circular Chemistry Conference

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# Renewi: Waste to product company



Leading in the production of secondary raw materials



Mission 75  
increase recycling rate from 65% to 75% by 2025



Deliver Best in Class  
Post-Consumer Recyclates



## Mechanical Recycling

- Sort higher quality 97-98% polymer purity
- Co-develop compounding to produce for plastic converters



## Dissolution

- Co-develop and invest in methods to dissolve PE and PP to remove color, additives and SVHC.



## Depolymerisation

- Co-develop and invest depolymerization of Rigid and Flexible PUR.



## Pyrolysis

- Develop and invest in optimal cleaning process for removal of dirt, moisture and contaminants.
- De-risk value chain by taking value chain management role.



## Gasification

- Investigate potential for SRF and Biogenic material (alternative to wood).



## Bio-Plastics

- Use biogenic waste-streams for production of (bio)-polymers.
- Produce biopolymers from organic waste, PHA



# Our Plastic Goal

Deliver Best in Class  
Post-Consumer  
Recyclates