

11th ISCC Global Sustainability Conference

24th February 2021

Latest developments, strategies and certification approaches in
the Circular Economy and Bioeconomy



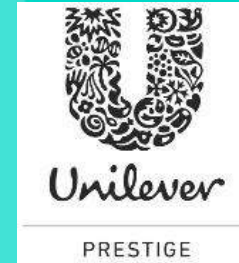
Unilever

Frederic Dreux
Unilever R&D Packaging

18 years + in packaging
PhD in Chemistry, specialty polymers.



Currently BPC Prestige Packaging Leader



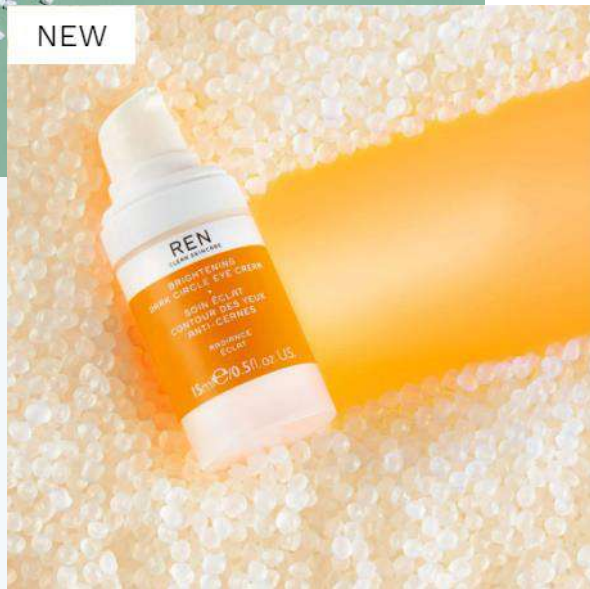
Co-Chairman of ISCC technical committee
Circular economy & Bio economy



Passionate about disruptive, meaningful and impactful innovation
contributing to a more sustainable business.



Mass balance enabled circular economy :Unilever applications



And more to come ...

why it is important

Diverting plastic waste from landfill and incineration, back towards circularity



Complementing and adding to existing Recycling technologies:

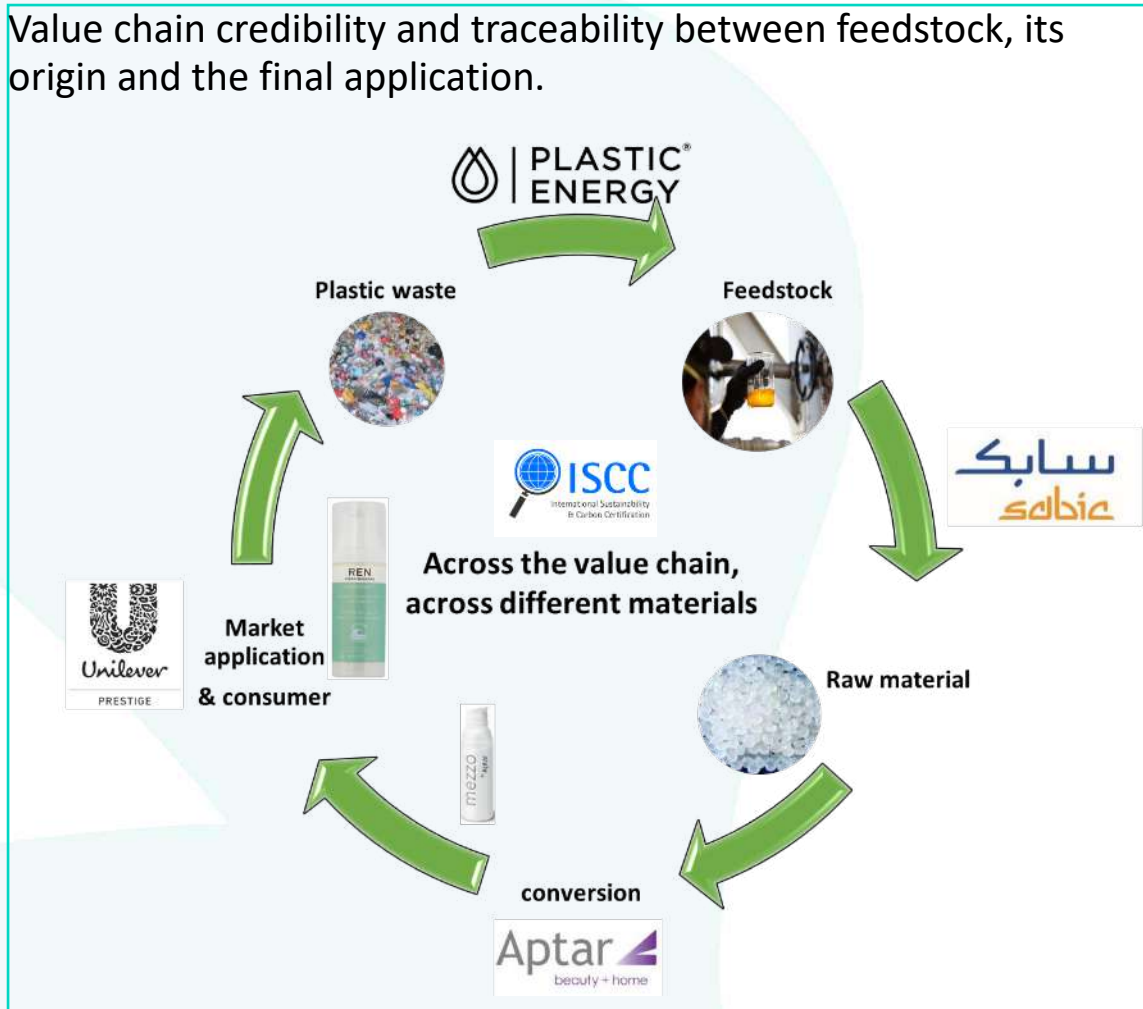
- From waste to Value point of view
- Opening wider application for recycled plastic

Diverting from fossil feedstock
Through substitution by renewable bio feedstock.



Value of mass balance to ensure credibility,

Value chain credibility and traceability between feedstock, its origin and the final application.



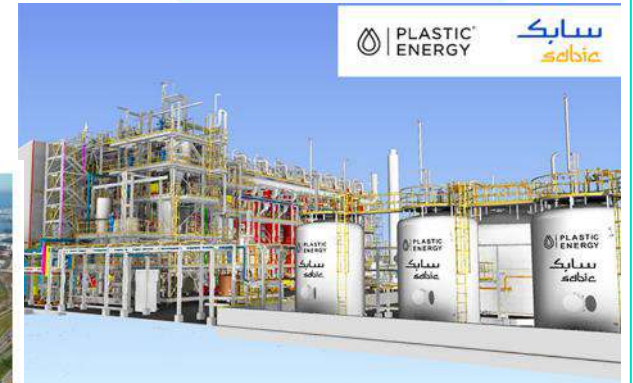
Securing and de-risking acceleration of investments in this space, enabling transition towards more sustainable feedstock

Borealis to gain International Sustainability & Carbon Certification (ISCC PLUS) for all its European polyolefin production sites



photo: Aerial view of the ISCC PLUS certified Borealis location in Kallo, Belgium

photo: © Borealis



Total, Plastic Energy to build a chemical recycling plant in France

October 20, 2020



Eastman Chemical to build new Tennessee recycling facility

January 23, 2021

Transforming and completing existing assets

Waste origin and consumer simple & transparent communication

Regenerating value from waste

Express and claim waste origin and unlock benefit from both end :

- Recyclability on non recyclable plastic
- Certified Content of the final
- Waste origin (type, PCR , household, geography , ...)

Key challenges and opportunities:

- Characterize and promote the technologies from the feedstock input to bring back materiality
- Clear , transparent and simple claim to consumer
- Iscc logo evolution to enable communication

Unlocking value from the feedstock

