

SÜDPACK Group
Erik Bouts, CEO

Advantages and Applications of Chemical Recycling in Flexible Packaging

SÜDPACK

AGENDA

- About SÜDPACK
 - Our vision for packaging
 - Why chemical recycling?
 - Successful customer projects
-



Blown film extrusion



Cast film extrusion



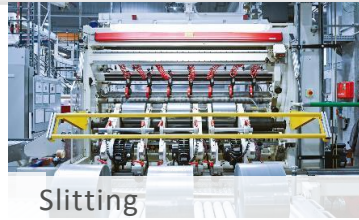
Printing



Compounding



Laminating



Slitting



Bag production



SÜDPACK IS A LEADING PRODUCER OF FILMS AND PACKAGING MATERIALS

- We are fully integrated – our core technologies comprise extrusion, laminating and printing
- Recycling, compounding and re-use of production waste materials
- Inhouse green energy technologies
- We serve the food, technical and medical industries



OUR MISSION

» HEALTHY PLANET - HEALTHY PEOPLE - HEALTHY PROFIT

- We commit ourselves to offering our industries the highest functionality at a minimum footprint
- In 2025, 50% of our revenue will be generated by sustainable products

OUR SOLUTION

FOR THE FOOD INDUSTRY

» HIGH PERFORMANCE MULTI-BARRIER PLASTIC FOOD PACKAGING

- Maximum product protection at a minimum carbon footprint
- Controls oxygen, moisture and pressure level

BENEFITS

» ADDED VALUE OF PLASTIC FOOD PACKAGING

- Extended expiration dates
- Increased shelf life
→ **Food waste reduction**
- Hygienic and safe food
- Nutrition information
→ **Assisting in healthier living**
- Reduced material use
- Light weight packaging
→ **Footprint reduction**
- Healthy packaging economics
→ **Sustainable future for stakeholders**

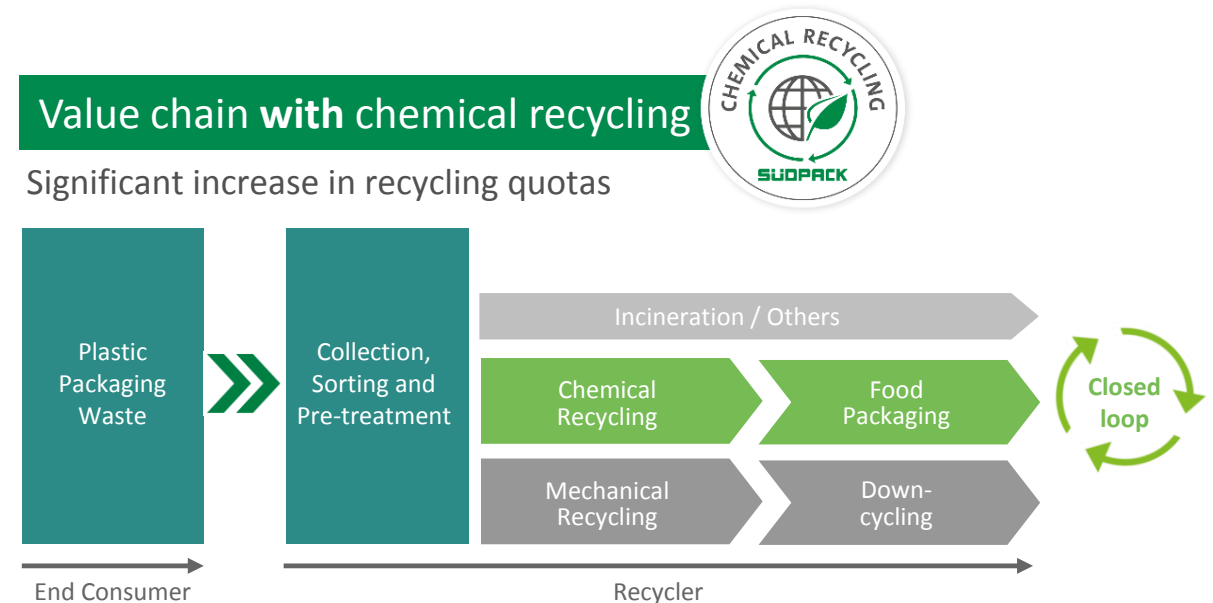
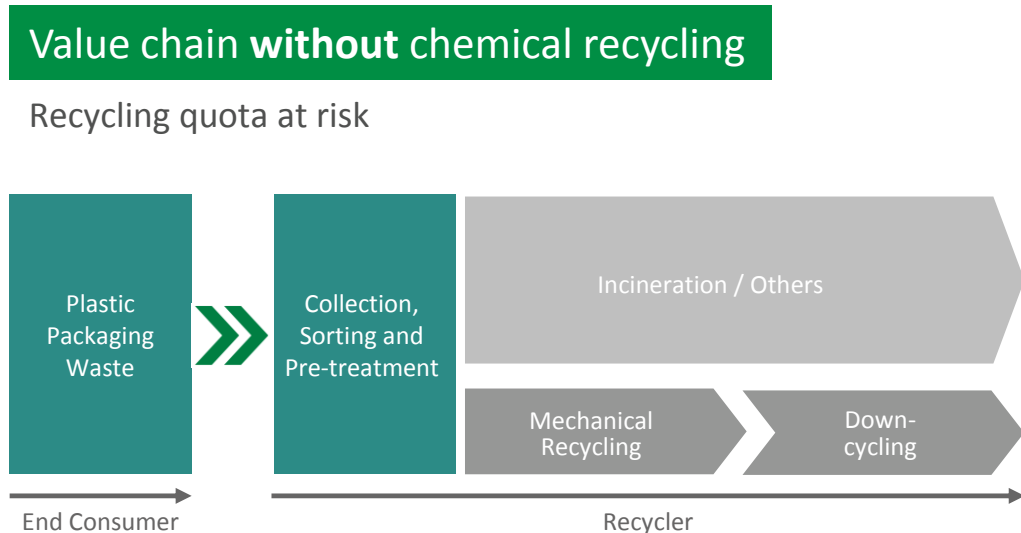
WHY CHEMICAL RECYCLING?

I. CONTRIBUTES TO THE CIRCULARITY OF OUR INDUSTRY

Food safety laws do not allow plastic from mechanical recycling for direct food contact* → downcycling.
 Chemical recycling provides plastic with same qualities as virgin material and is qualified for food packaging.

II. HELPS TO INCREASE RECYCLING QUOTA

With mechanical recycling only, committed quota can not be reached.
 Alternative technologies needed.



* except PET bottle flakes



„Resource-saving packaging.
For this packaging 25% less fossil raw materials were used than for our previous packaging.“

CUSTOMER PROJECT ZOTT

- Since May 2020, Zottarella, a mozzarella brand from the Genuss-Molkerei Zott, is available in an innovative, resource efficient packaging with a content of ~ **25%** polymers from chemical recycling
- This way, the packaging saves **25%** of raw materials based on fossil feedstock
- The project was realized in a close development partnership between Molkerei Zott, BASF and SÜDPACK

„Sustainable packaging.

This packaging is not only “organic”, it’s also sustainable and was produced using recycled plastic.”



CUSTOMER PROJECT GUTFRIED

- The new product line of the poultry sausage brand Gutfried is packed with a high performance film based by **two thirds** on polymers from chemical recycling
- Thus, around **two thirds** of the raw materials used come from plastic waste, which is reconverted into valuable raw materials
- The project was realized in a close development partnership between the ZurMühlen Gruppe, BASF, SABIC and SÜDPACK

Q & A's

