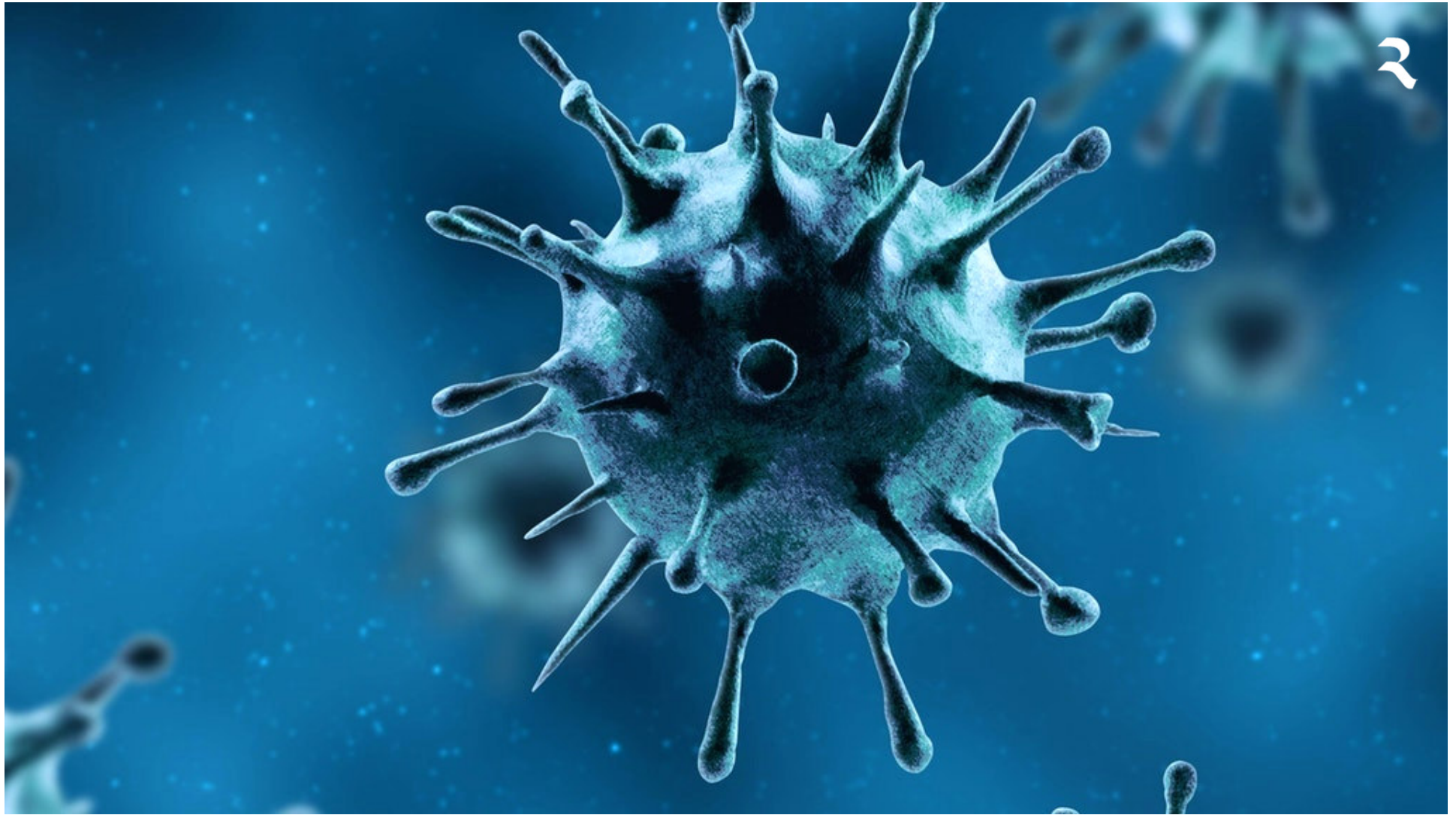




The Extrusioneers

# **ECONOMIA CIRCOLARE DAL CORE BUSINESS AI NUOVI ECOSISTEMI**

29.09.2020, Milano



## Recycling of Plastics



## Advanced Solution for Circular Economy



Fully recyclable ALL PE packaging

Stiffness as PET

Mechanical properties

Low shrinkage, easy sealing

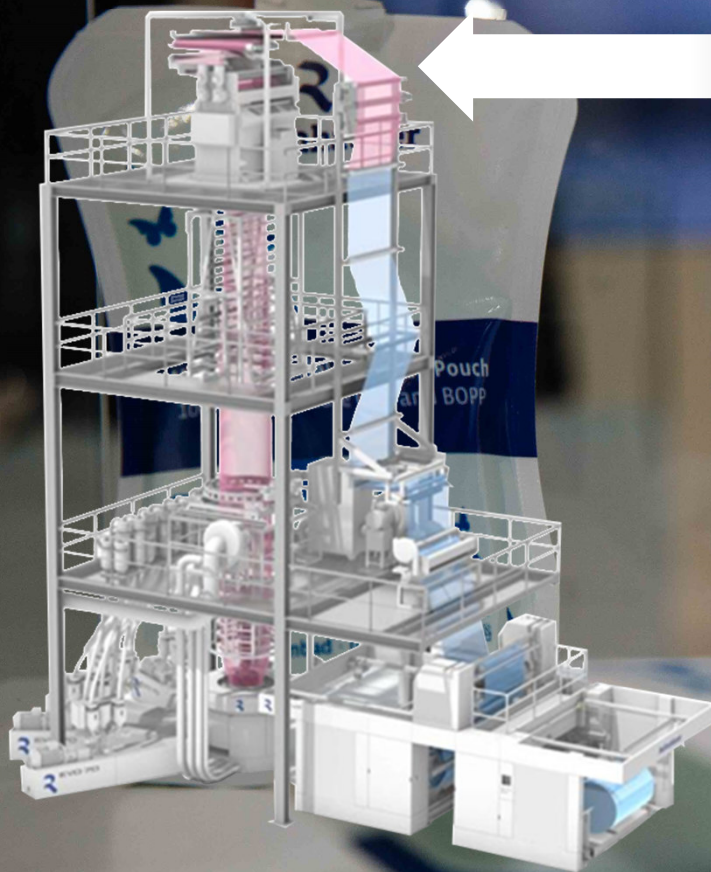
Excellent optics





# Advanced Solutions

## Fully recyclable ALL PE packaging



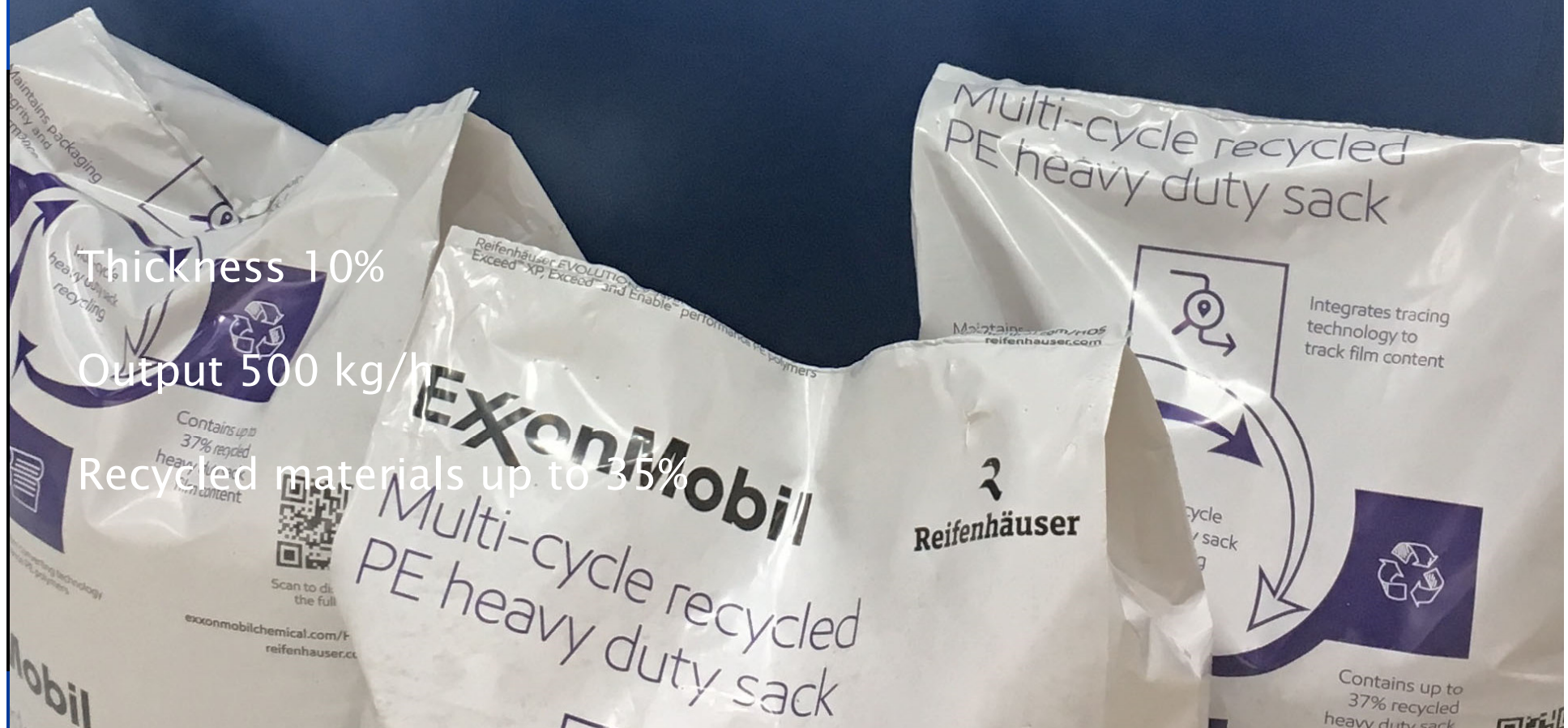
## 5 Layer Heavy Duty Sack



Thickness 10%

Output 500 kg/h

Recycled materials up to 35%





## Fluff to Film

PA content up to 30%

100% printed films

Laminated films

PCR materials

Industrial waste





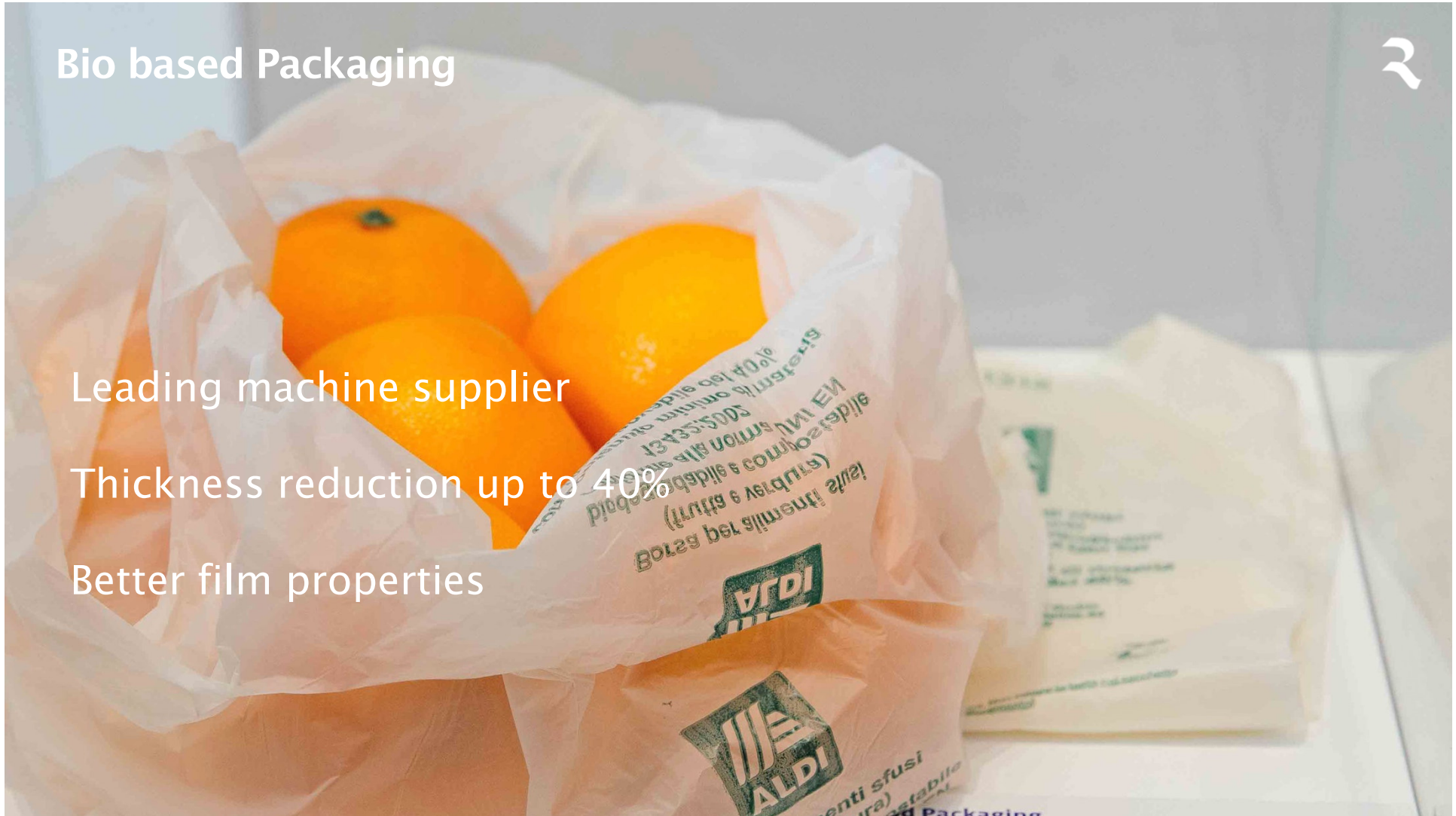
## Bio based Packaging



Leading machine supplier

Thickness reduction up to 40%

Better film properties





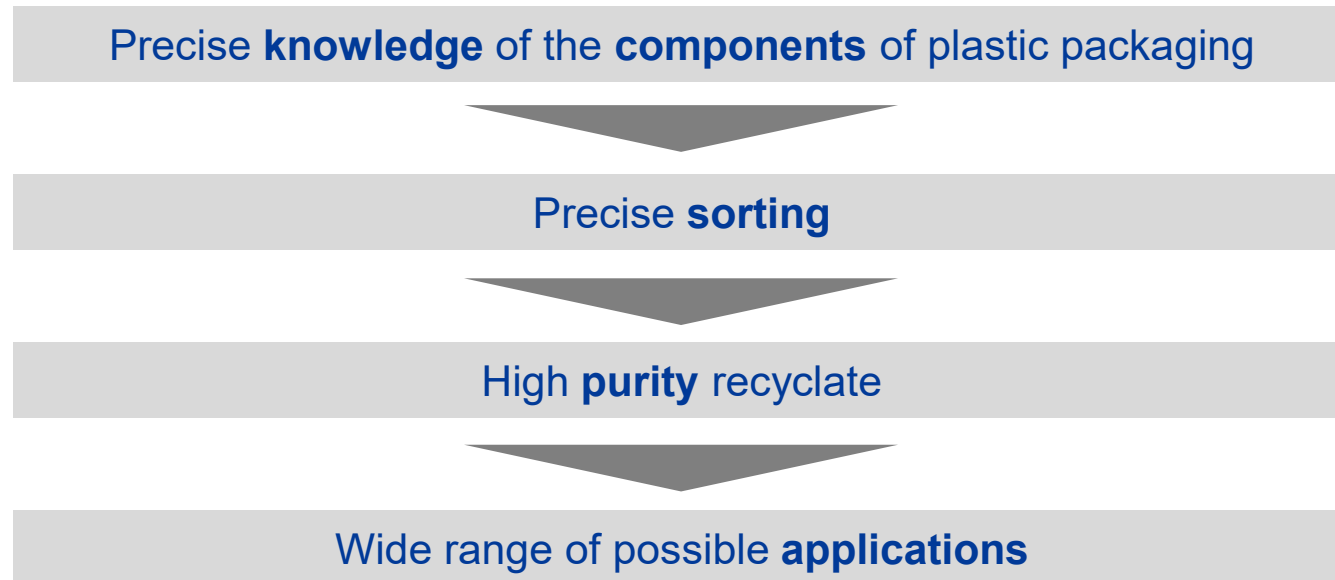
# R-Cycle

the digital standard for circularity



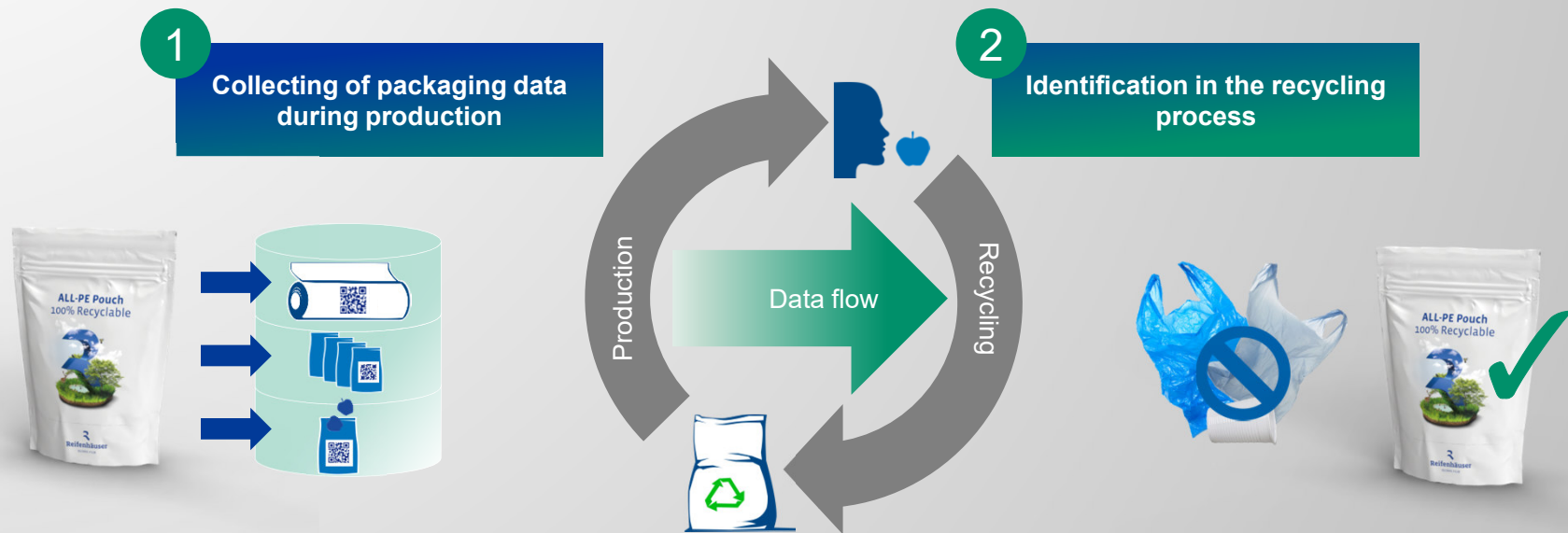


# How should circular economy work for plastics?





# How R-Cycle works



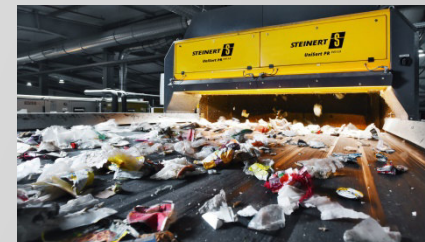
# What R-Cycle is based on

*“Innovation is taking two things that exist and putting them together in a new way.”*

Tom Freston

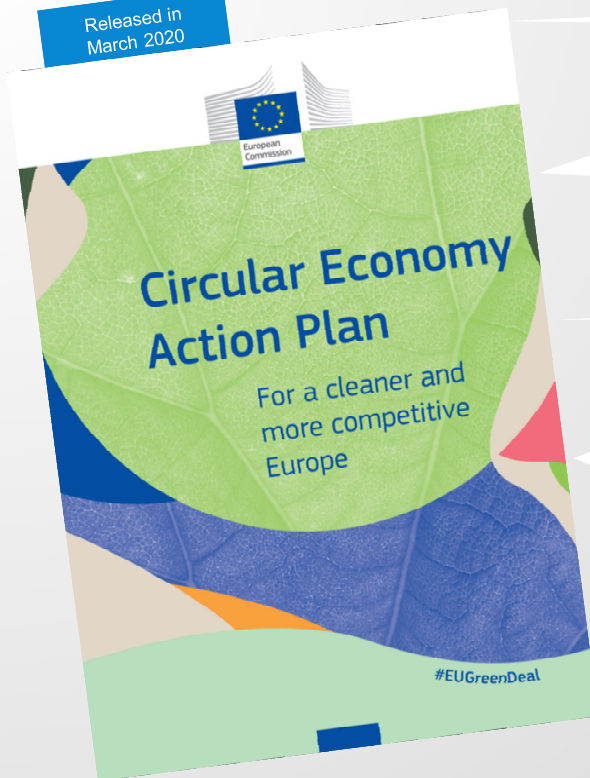


Established tracing-  
technology of GS1



Globally usable markings

Released in  
March 2020



**Page 9:**

„Promoting the use of **digital technologies** for **tracking, tracing** and mapping of resources”

**Page 17:**

„Co-operate with industry to progressively develop **harmonised systems** to **track and manage information on substances...identify** those substances in **waste...**”

**Page 7:**

„Mobilising the potential of **digitalisation of product information**, incl. solutions such as **digital passports, tagging** and **watermarks.**”

**Page 13:**

„Developing for the first time rules on **measuring recycled content** in products”

**Page 21:**

„**Digital technologies** can **track the journeys** of products, components and materials and make the resulting data **securely accessible.**”

**R-Cycle meets the demands of EU Circular Economy Action Plan**





# Grazie per l'attenzione!

For more information please contact

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