



Spiral economy

The future needs we already have

2019-05-09

POLYKEMI GROUP

- Turnover appr. 135 million EUR 2018
- Family owned
- ISO 9001 & 14001
- >80 000 MT production capacity
- >36 production lines
- >300 employees





Scanfill AB

Founded 2008

Turnover: 4,5 m€

Production: 3 000mt

Sites: Sweden & China

scanfill 
BRINGS OUT THE BEST IN PACKAGING

LOCAL PRODUCER – WORLD WIDE SUPPLIER

Three production units



LOCAL PRODUCER – WORLDWIDE SUPPLIER



Scanfill Scanfill BIO Degrafill

Sheet
+ EVOH

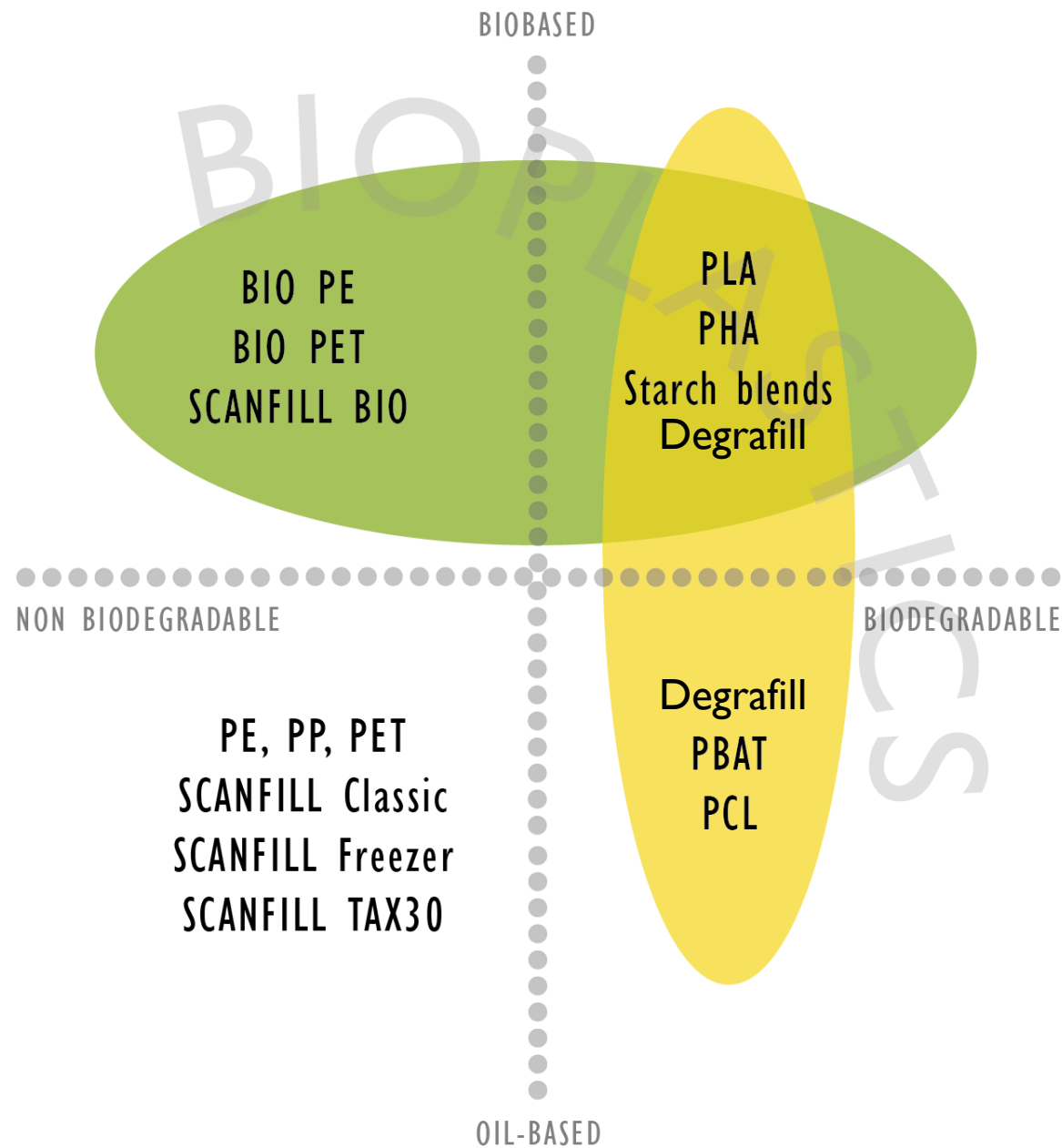
Foil

Bottle

Injection

Pack

scanfill 
BRINGS OUT THE BEST IN PACKAGING





Improved productivity

- Faster production
- High heat conductivity
- Less polymer mass

Increased stiffness

- Reduced wall thickness
- Weight compensation

Design flexibility

- Thickness/width
- Colours
- Layers
- EVOH



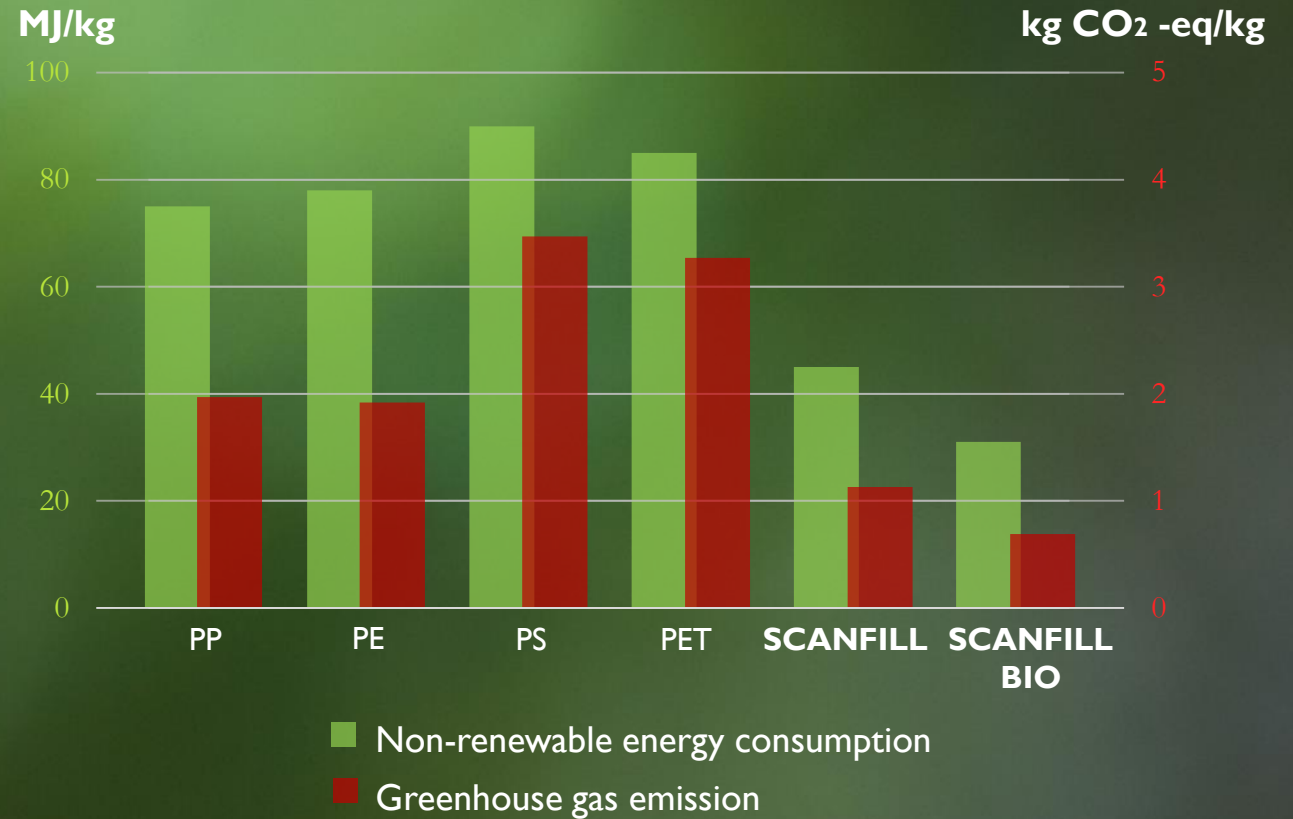
50% mineral
in the final packaging

How is it possible?

Compounding!



Polymer environmental impact





SCANFILL is fully recyclable



Separation:

NIR detectable
Density separable

Design for recycling
or sorting?



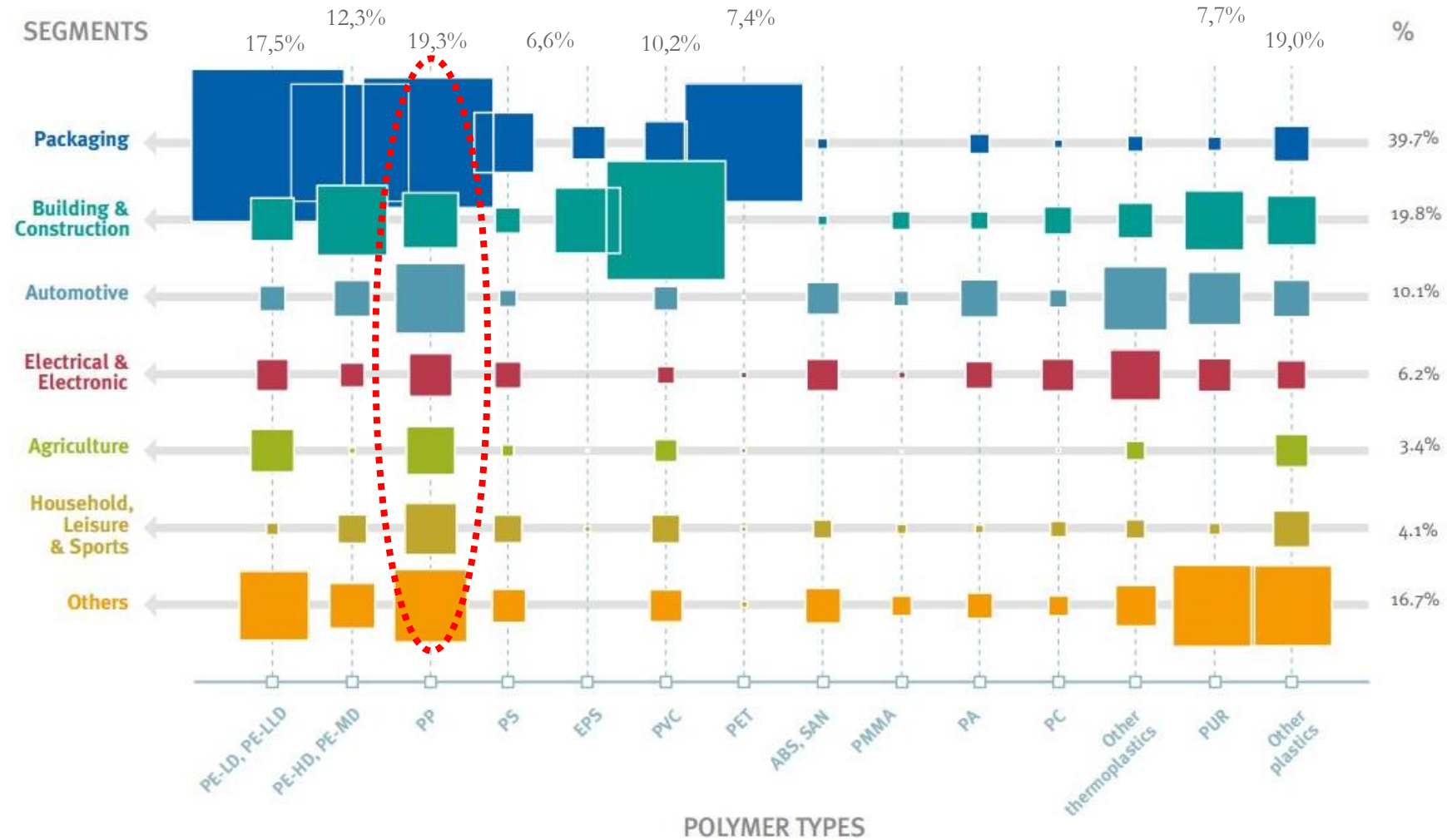
*“The right material
at the right place”*

Where is the value?

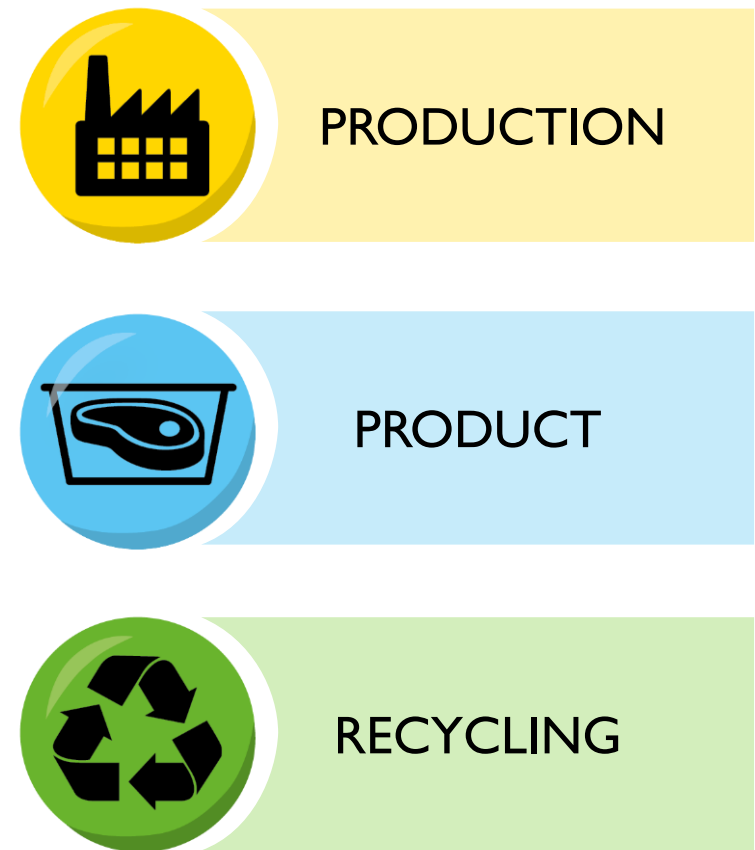
Don't let the value go to waste!

Recycling vs. Recycled vs. Recyclability
PP ⇒ rPET ⇒ Laminates

● Polymerer Europe 2016

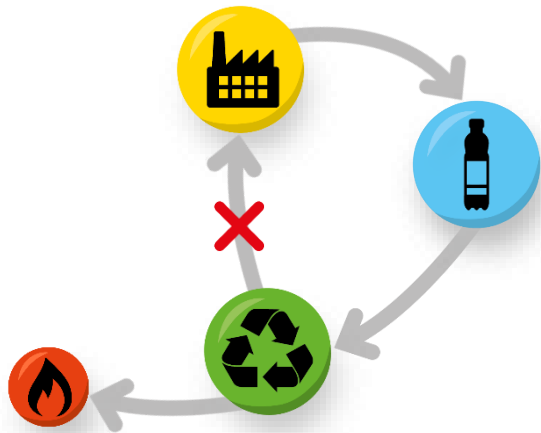


100



scanfill 

● SPIRAL ECONOMY – rPET



PRODUCTION



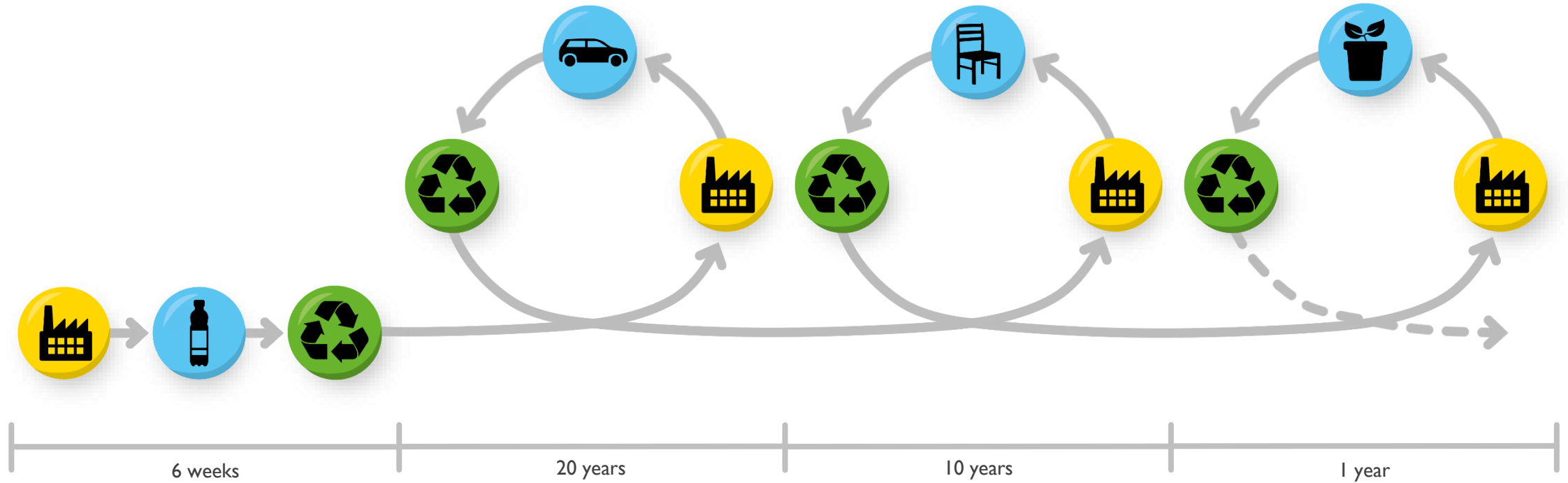
PRODUCT

- rPET Trays



RECYCLING

● SPIRAL ECONOMY



RECYCLING



UPCYCLING





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