



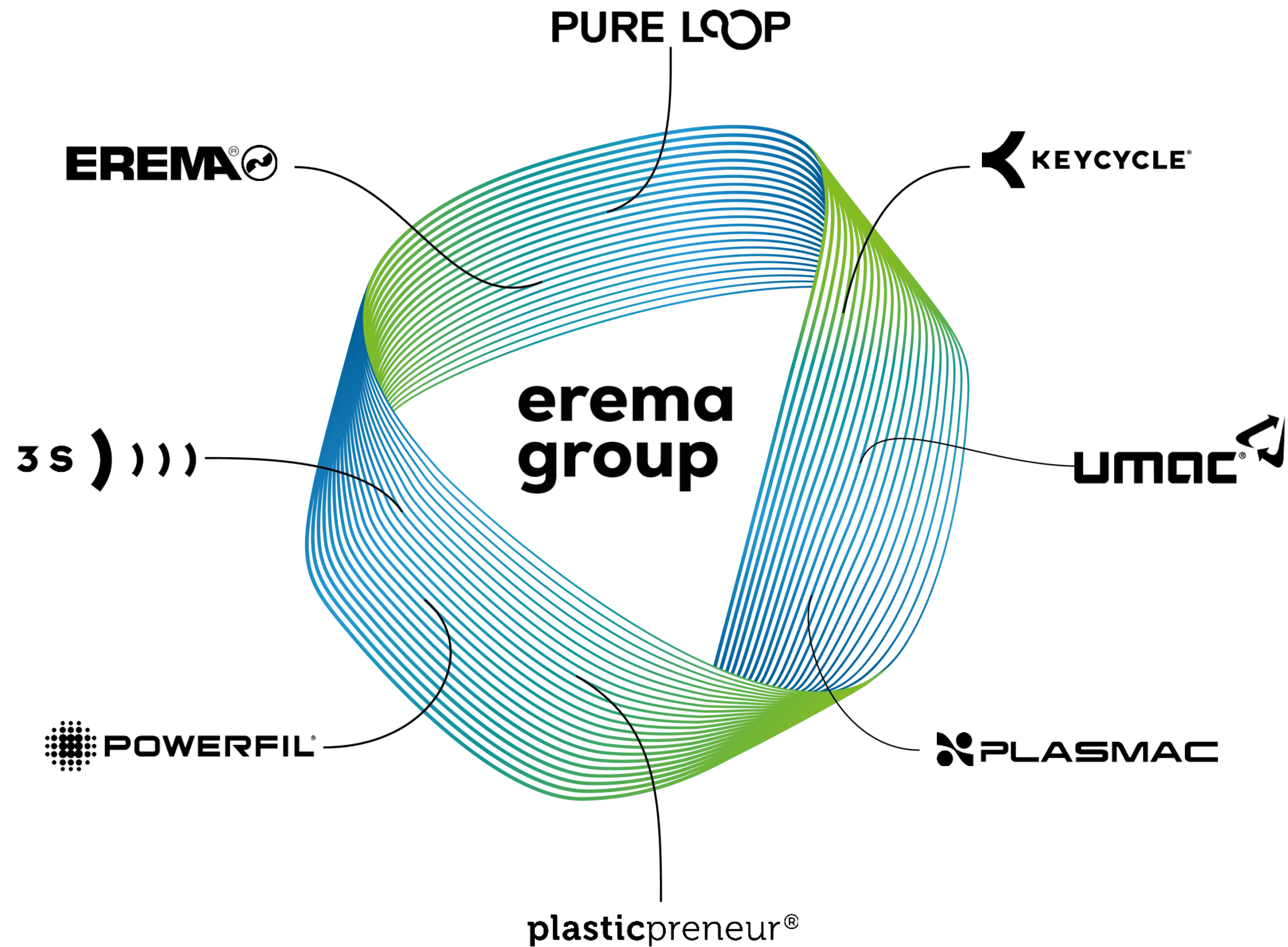
Logistics, reuse, **performance**

Efficient recycling solutions
for printed materials.



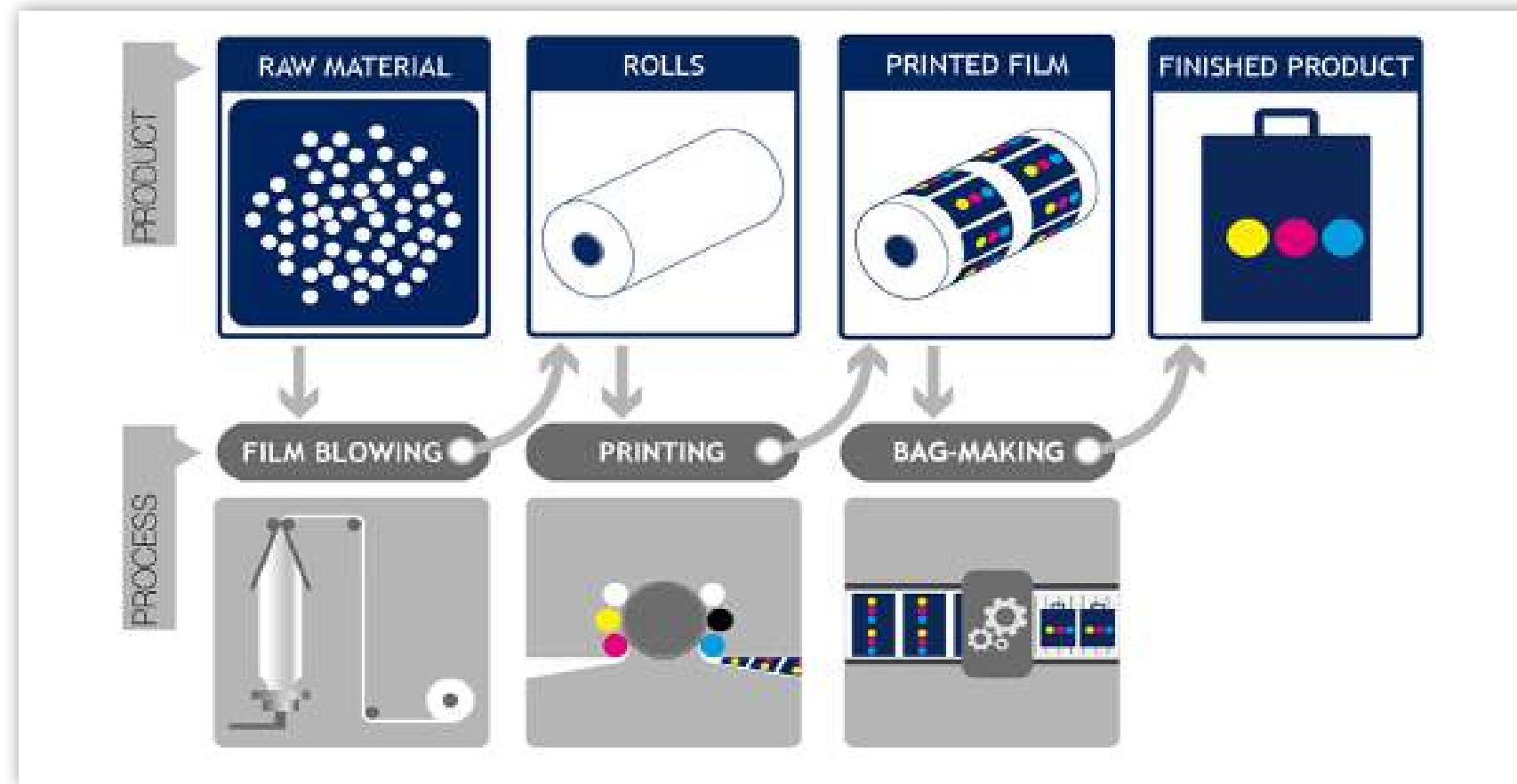
Pro Helio commision technique Beaune le 9 Mars 2023
Jean Francois Comard PBH/PureLoop

Another life for plastic.
Because we care.

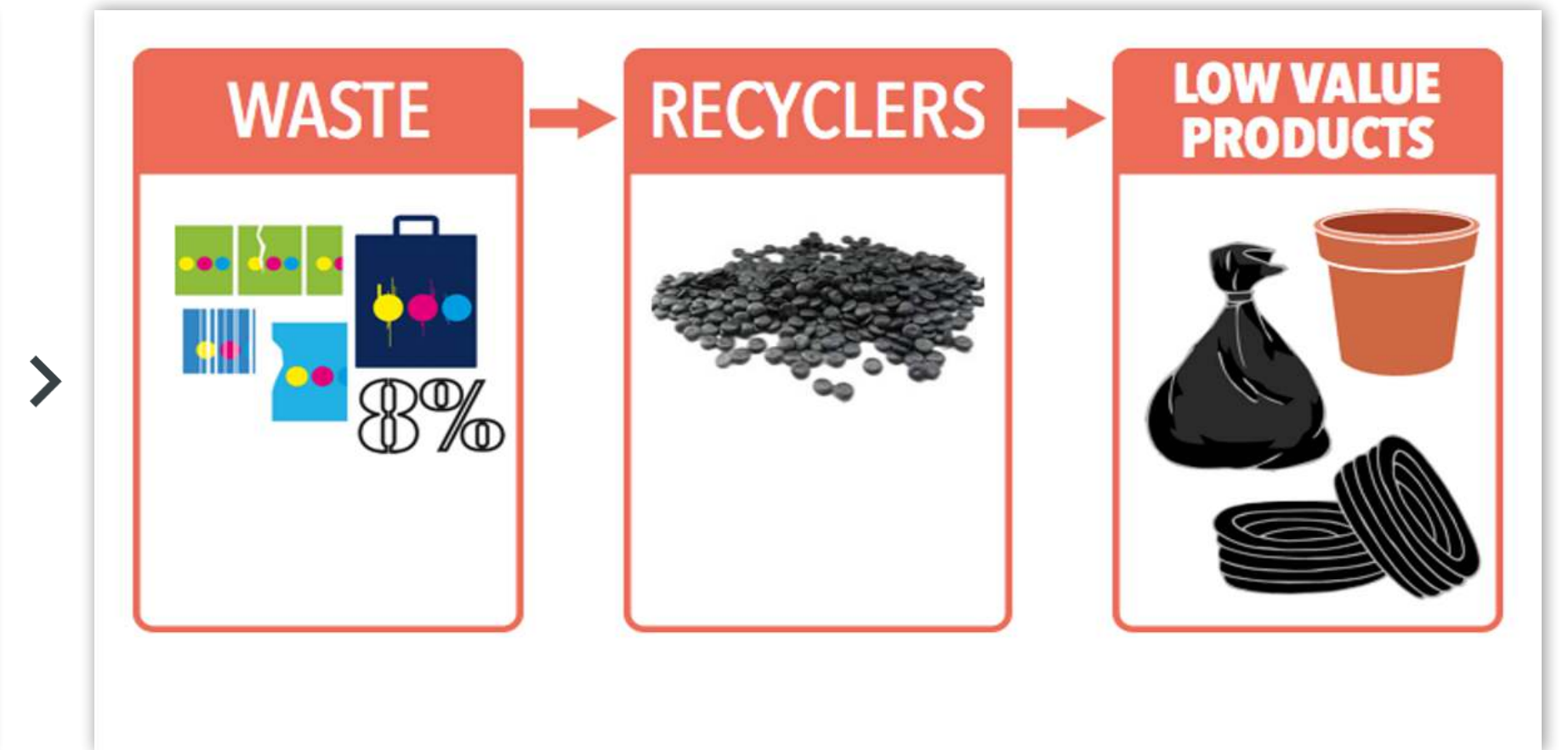


Click on the company for more information!

DEINKING TECHNOLOGY USP



Current converter situation 8-10% printed scrap



Converters sell scrap to recycling companies: due to the ink, the recycled plastic can only be used to produce low-value products

The solution: deinking of the produced scrap by removing surface-printed ink from the plastics (film, regrind, etc.)



INTAREMA®TVEplus®

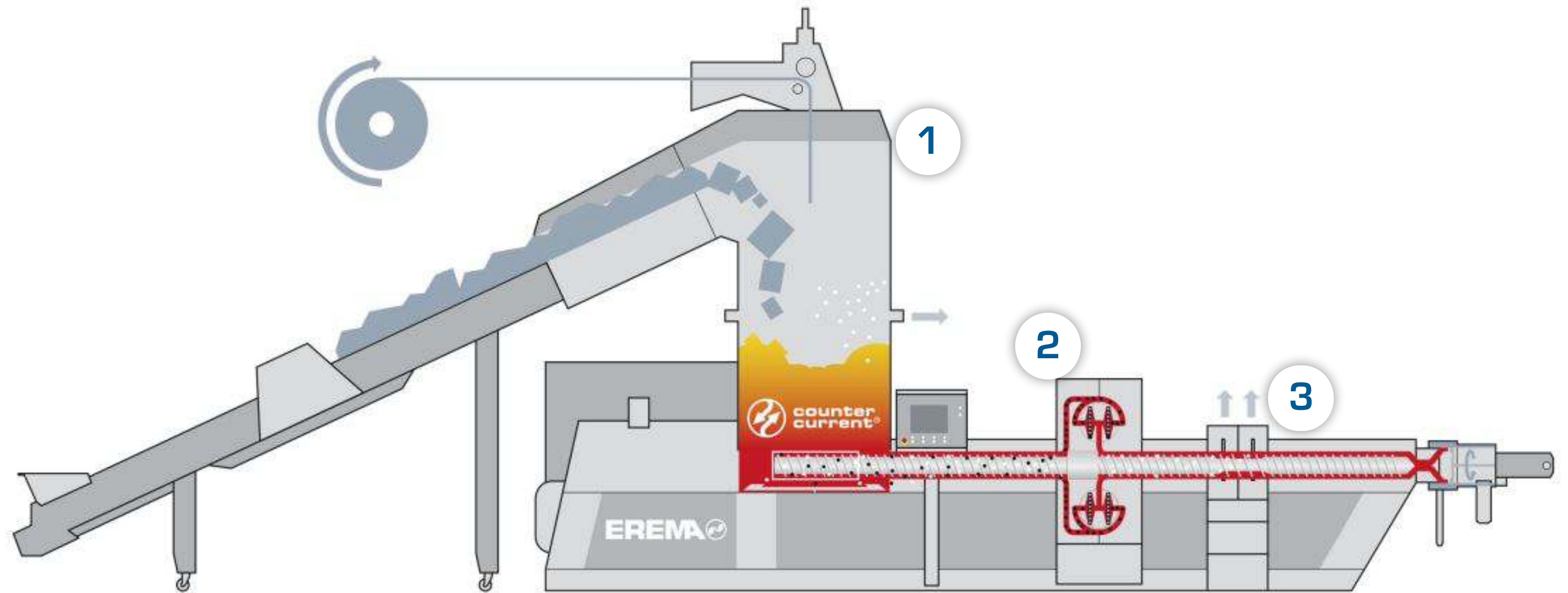
Field of application

- INTAREMA® TVEplus® **with EREMA melt filter SW RTF®**
- Efficient processing of heavily printed, metallised and multilayer film



INTAREMA® TVEplus®

Working principle



EREMA LASERFILTER

Pure performance

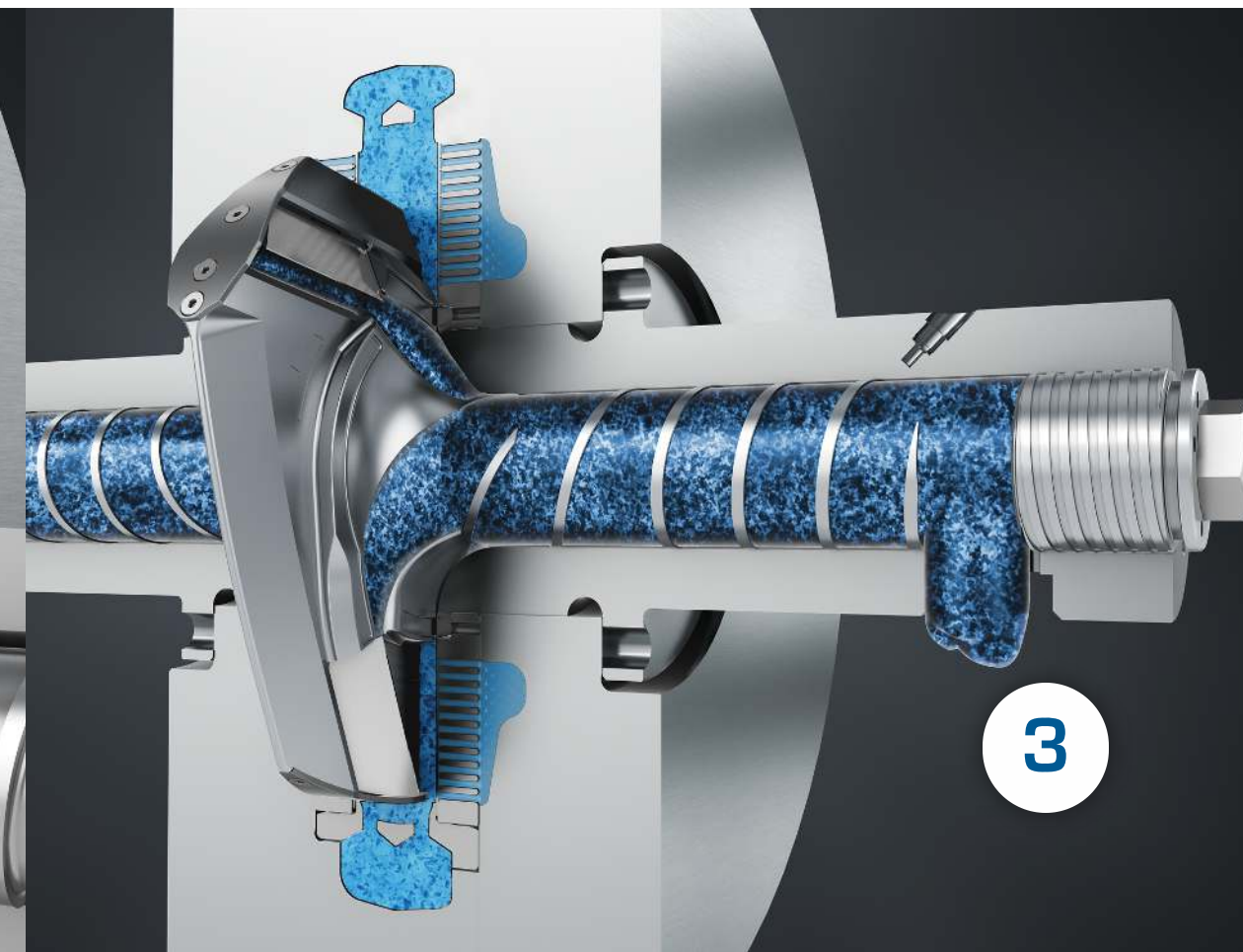
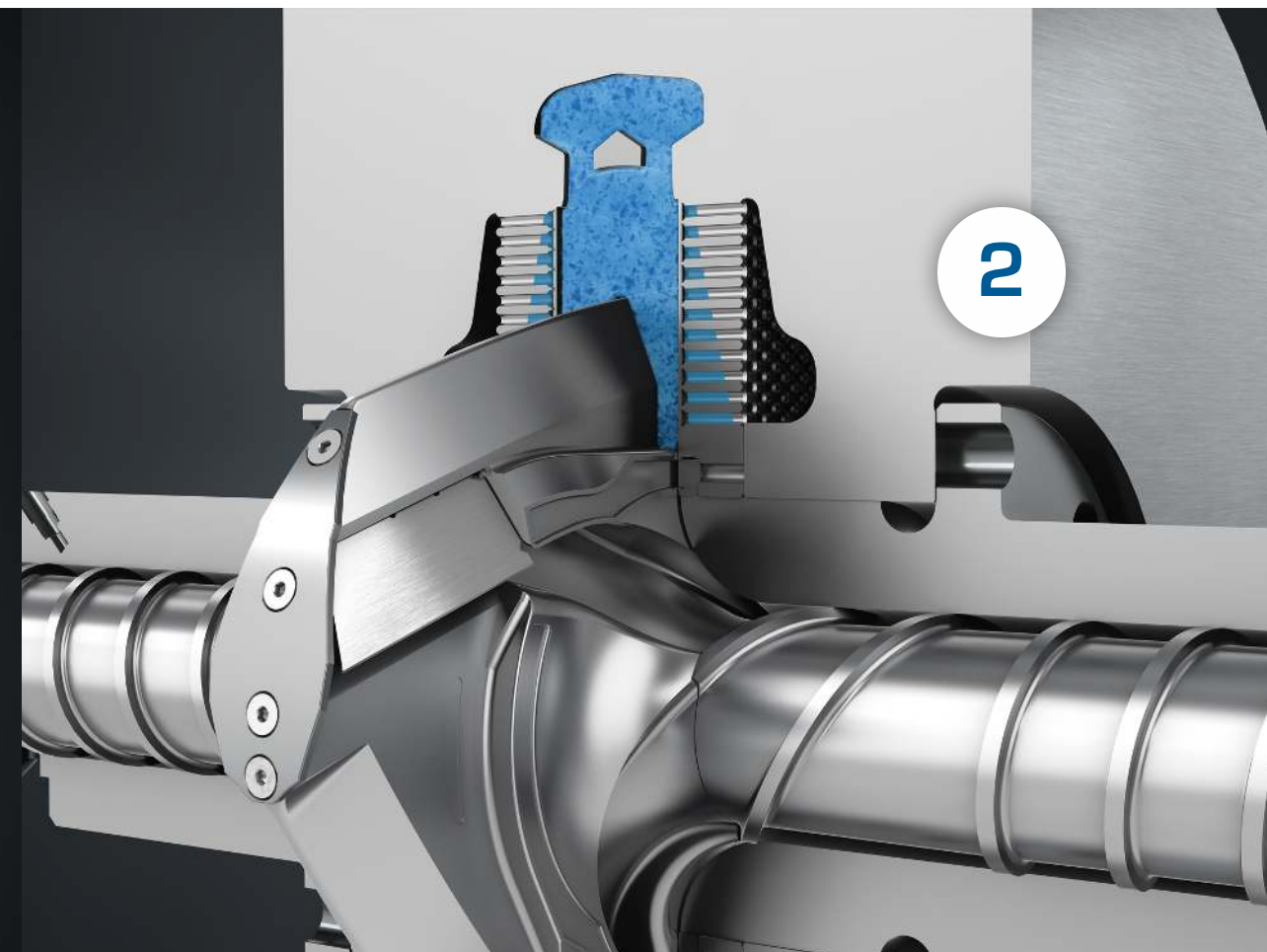
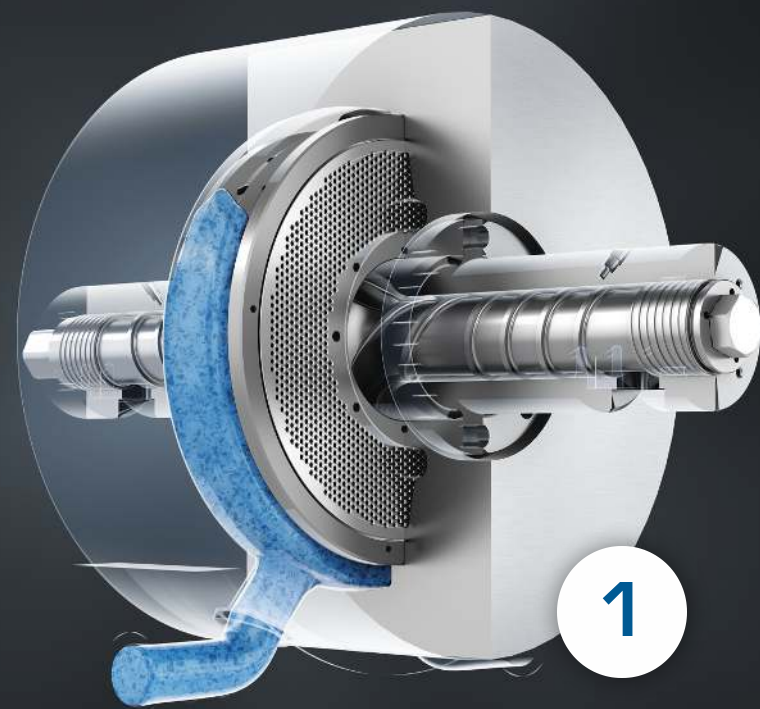
- Ideal for severe contamination
- Up to 5 % contaminant content (dust, paper, wood, aluminium, copper, rubber/silicone, etc.)
- Materials/polymers: all polyolefins, PA, ABS, PET, etc.
- Filtration fineness: up to 70 µm
- High-performance filter for continuous
- contaminant discharge
- High throughputs even with high degrees
- of contamination
- Permanent screen cleaning
- Constant pressure operation for high process stability
- Minimum melt loss through thickening up to 50%
- Extremely long screen service life
- Minimum labour required

[more info](#)



How the Laserfilter works

Video 



**Continuous
screen
cleaning**



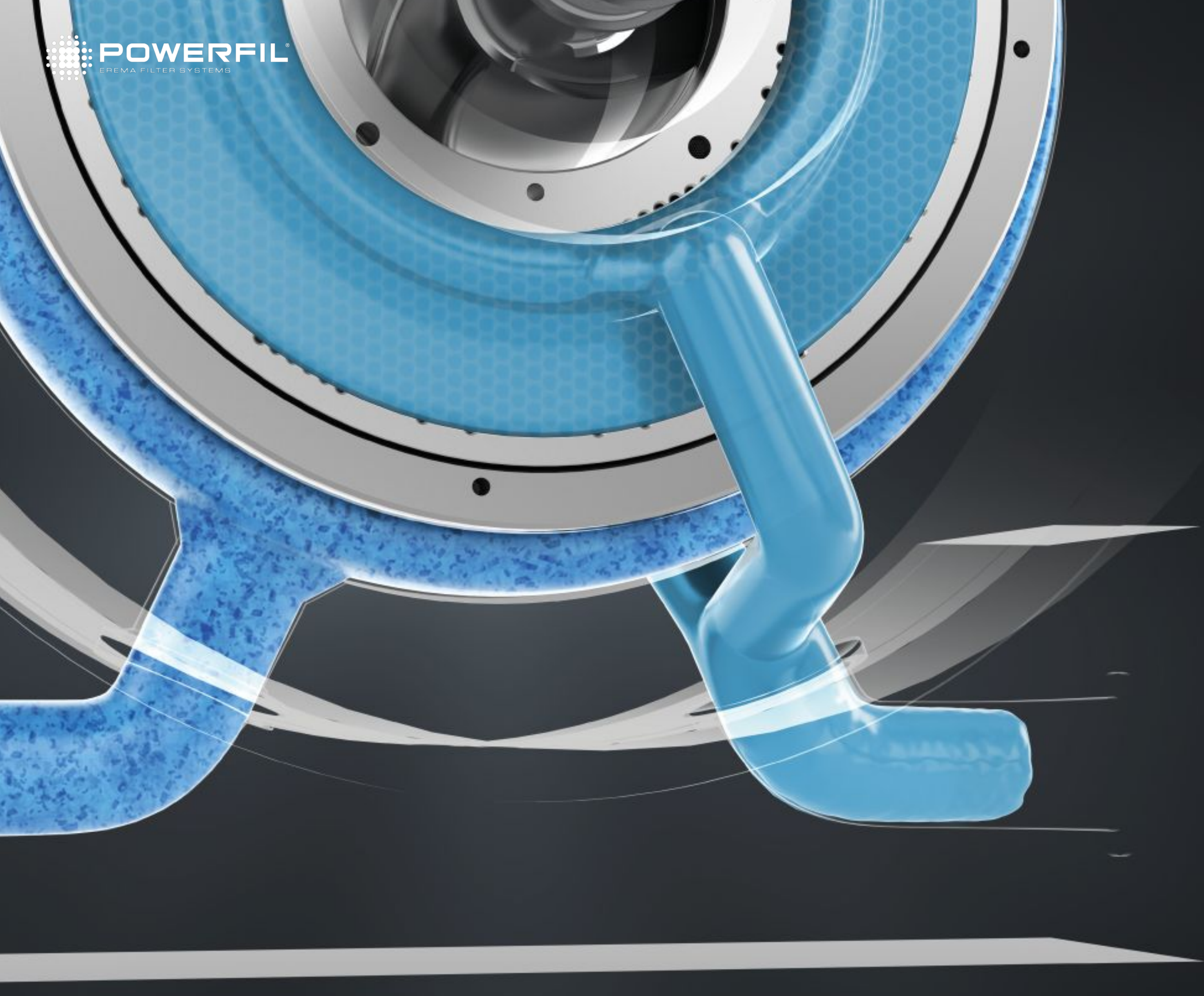
**Constant
pressure
operation**



**What is
clean, stays
clean**



**Extremely
Low Melt
Loss**



More area,
More advantages
New EREMA Laserfilter 406

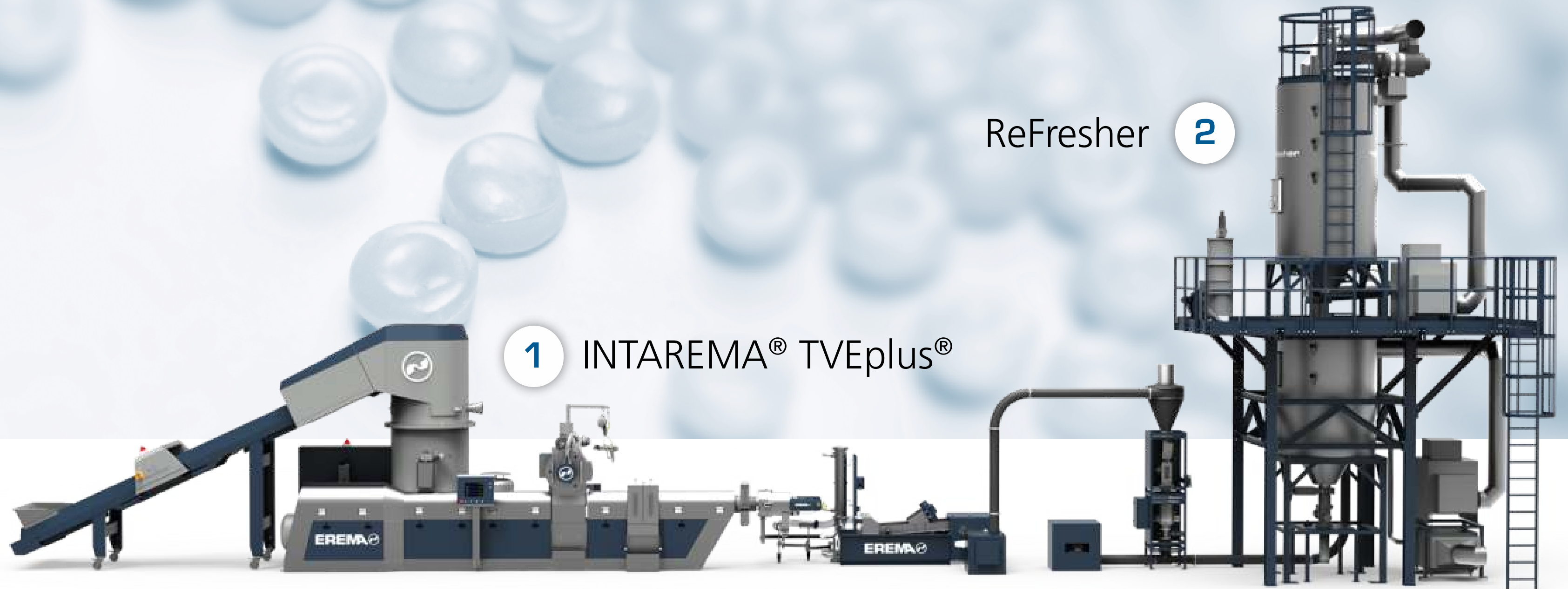


Better melt quality
due to lower pressure and temperature
at the same throughput

INTAREMA & ReFresher

ReFresher **2**

1 INTAREMA® TVEplus®



Chemical Recycling about to achieve breakthrough? Recent market examples of chemically recycled products



Berry Global Joins SABIC in the Production and Use of Circular Polymers from Chemical Recycling



Greiner Packaging
7,579 Followers
6 Tage · 🌱

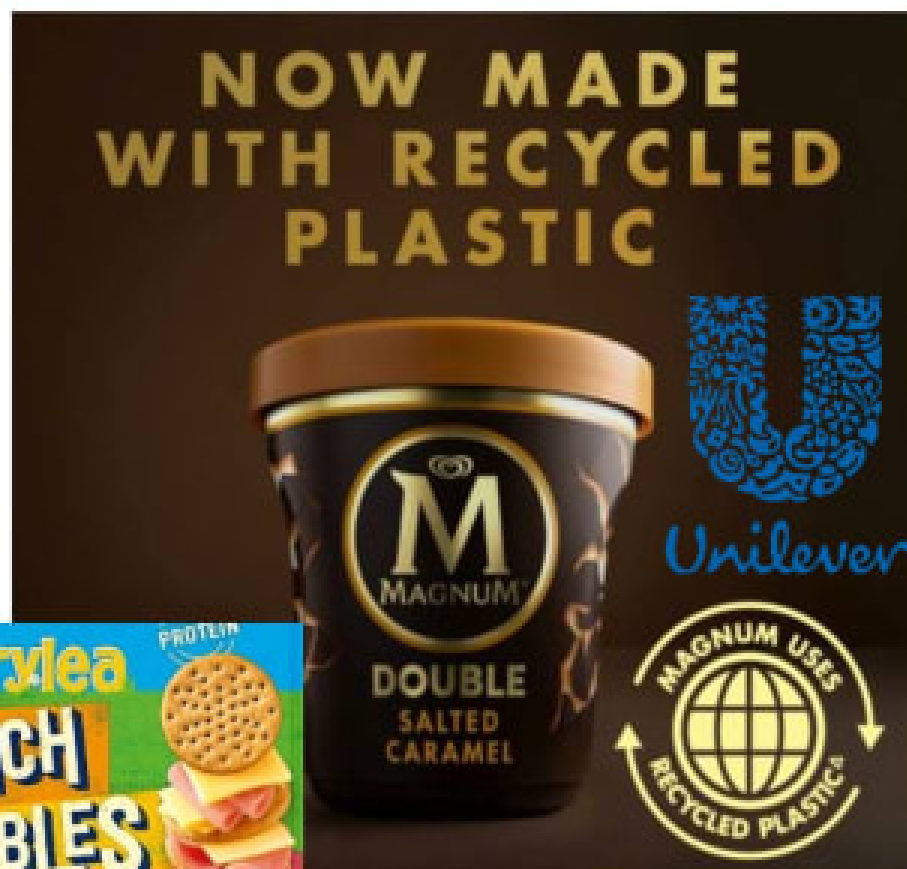
These days, plastic packaging manufacturers are faced with ever increasing demands to incorporate more sustainable and more recycled materials, such as r-PP. For the first time, we have now teamed up with global petrochemical leader SABIC and brand owner Unilever in a pilot project to produce tubs and lids for Knorr bouillon powder that are made from 100 percent certified circular PP from postconsumer plastic material. The new solution is already on the market.

Find out more about this product: <https://bit.ly/36XC9dY>

#circulareconomy #recycling #makingithappen #blueplan



INEOS



112 · 4 Kommentare

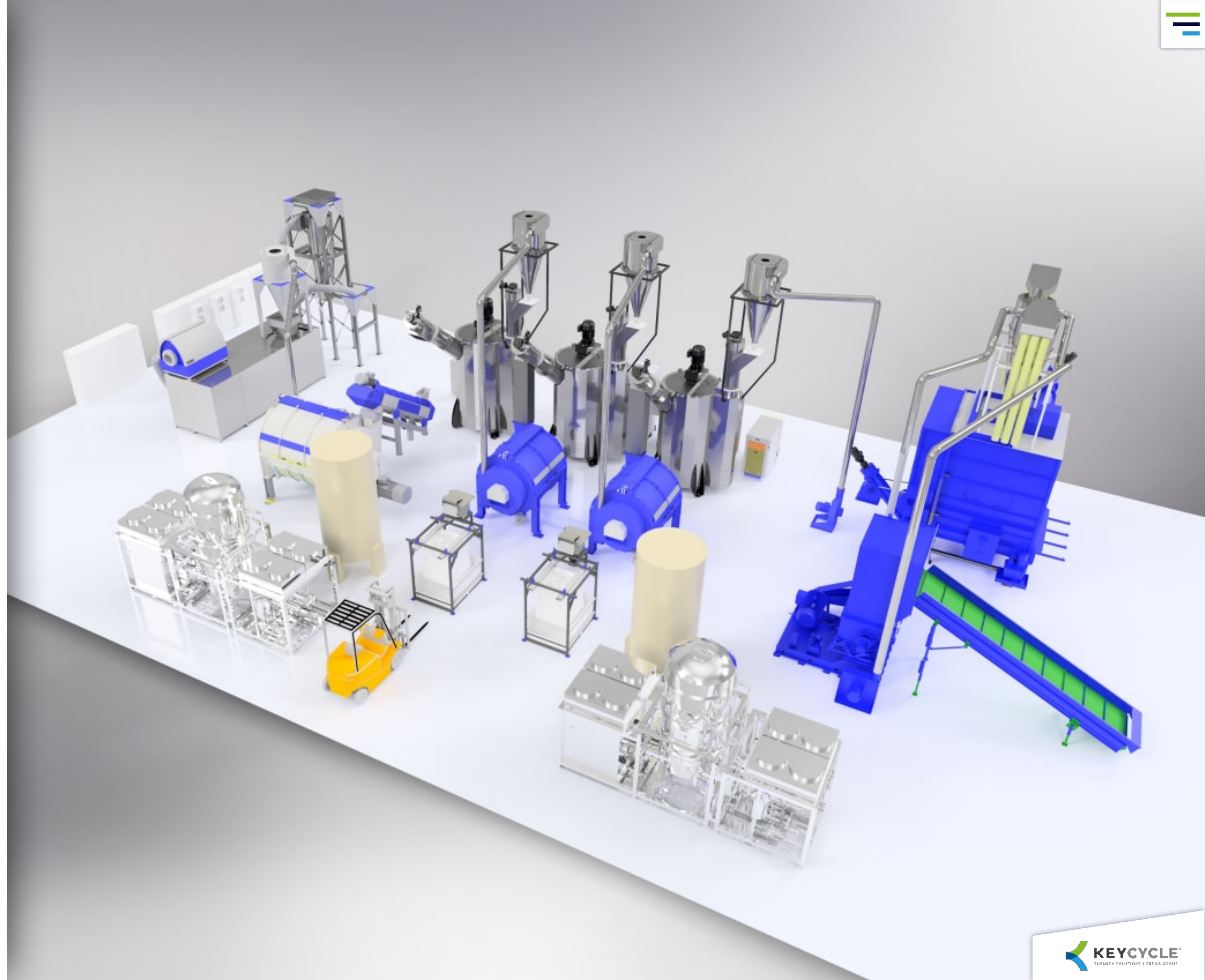
Gefällt mir · Kommentar · Teilen · Senden



ALL NEW:

Deinking up to 1.200 kg/h

- post-consumer deinking ready
- optimised footprint and OPEX
- stand-alone or integrated as a washing line module



Industrial success stories

Currently 8 plants sold around the globe:

Italy: 450 kg/h

Brazil: 500 kg/h

UK: 500 kg/h

US: 500 kg/h

France: 500 kg/h (2x)

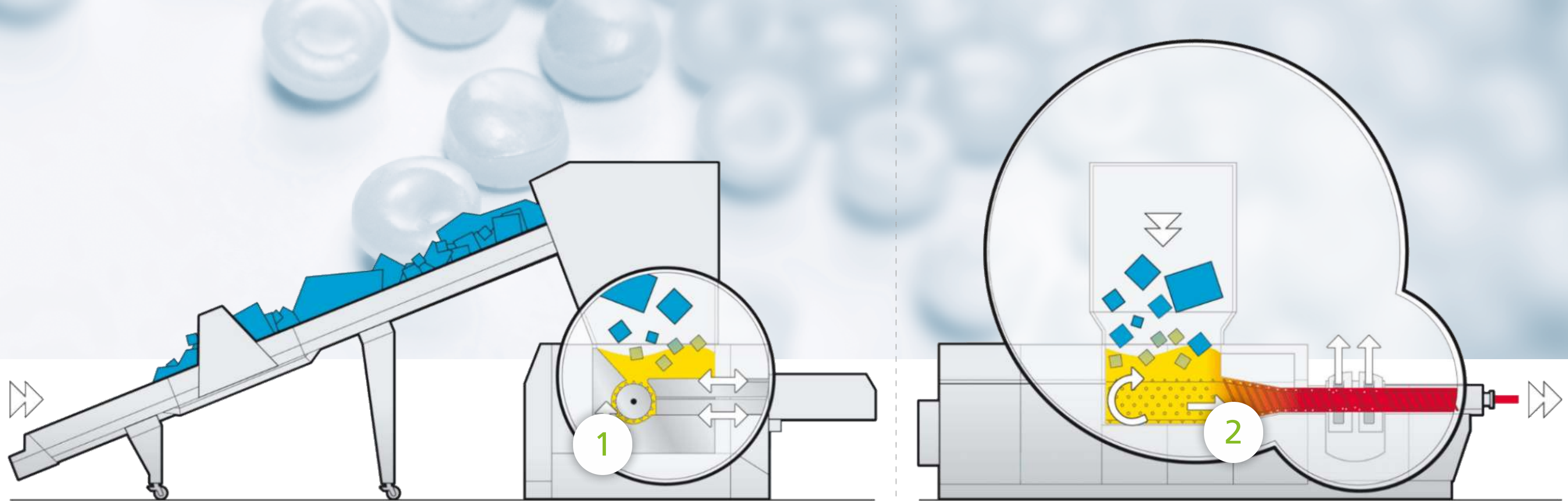
Turkey: 500 kg/h

Greece: 500 kg/h



ISEC – working principle

Click on 1 or 2 to open slider system





Constant, uniform feeding of the extruder:

High process stability

Thanks to **the adjustable feeding slider** in front of the conical section small parts and regrind can also be stably processed.

Constant, uniform feeding of the extruder according to bulk density:

- The adjustable feeding slider controls the flow from the cutting chamber into the compression
- The material remains in the cutting chamber until it is small enough for the compression zone

Deodering in-line by using scCO₂



Better results by using scCO₂



Description	Processability	Aesthetics
PE blown film	<p>Good processability in extrusion blown film SKYMARK industrial lines.</p> <p>No bubble instabilities, die lines, melt fracture, gels or other issues were experienced.</p>	<p>Film is not transparent, but bright and translucent enough to read a text through it.</p> <p>No holes, gels, spots or agglomerated particles are noticed.</p> <p>Same mechanical properties.</p> <p>No unpleasant odour is detected.</p>



EREMA Group Strong **partner network** for the Circular Economy

Our vision: In 2030 the circular economy for plastics is reality. As the EREMA Group, we will strive to be the central force in achieving this goal.

And we **share this vision with many like-minded people: with customers, organisations, networks and business partners.** We bring the industry together and contribute our knowledge and experience. Because we believe that exchange and cooperation will bring us closer to our goal.

www.erema-group.com

