

CHEMICAL RECYCLING: WHAT IS THE STATE OF PLAY GLOBALLY?

Mattia Comotto
Aquafil S.p.A.

CEPS - Centre for European Policy Studies
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AQUAFIL AT A GLANCE

- Since 1965, a **leading player**, both in Italy and globally, in the production of **Nylon 6 polymers and yarns**
 - Global #1 manufacturer of Nylon 6 Bulk Continuous Filament (BCF) yarns.
 - Solid West Europe Nylon Textile Filament (NTF) position (30% market share).

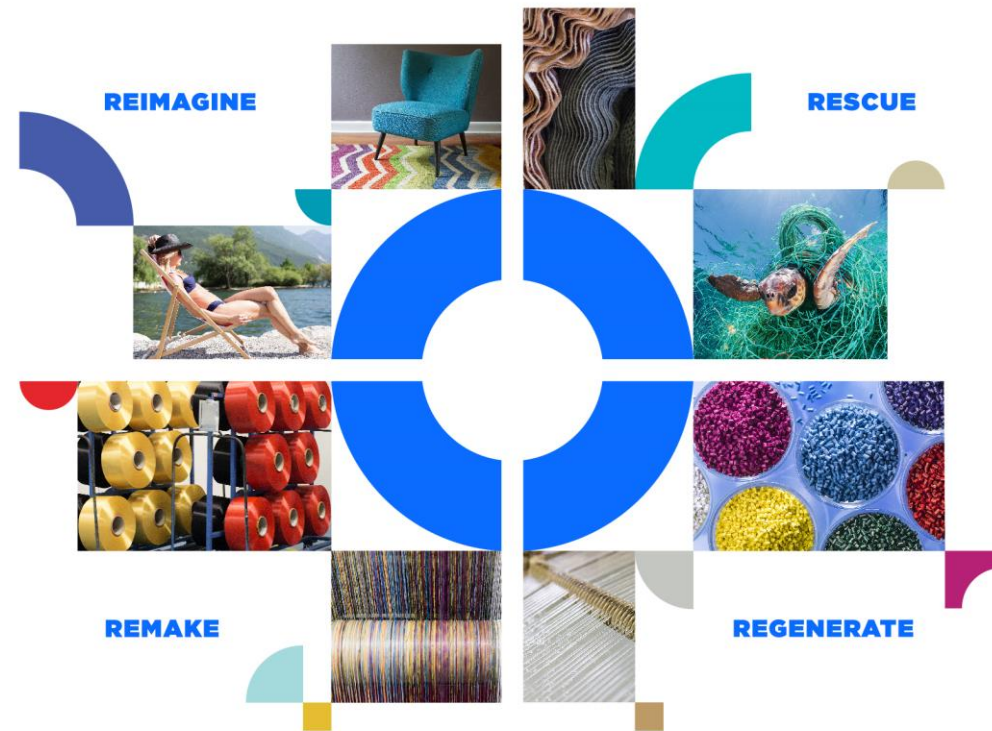
CONVENTIONAL PRODUCTION OF NYLON 6 YARNS



RE-THINKING THE WAY TO PRODUCE NYLON 6

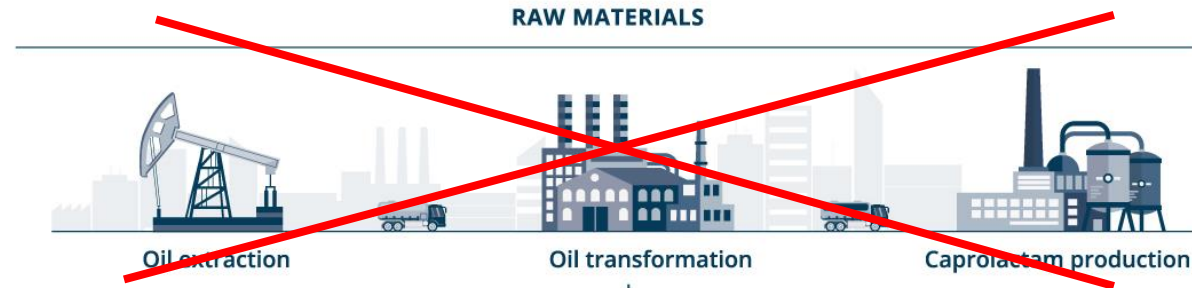
- ECONYL[®], a 100% regenerated & regenerable Nylon 6 obtained from pre- and post-consumer waste.
- Unique proprietary technology (**chemical recycling**) based on Nylon 6 separation, **depolymerization** and purification
- ECONYL[®] Regenerated Nylon presents the **same properties and performance** as traditional Nylon 6 obtained from crude oil.

THE ECONYL[®] REGENERATION SYSTEM

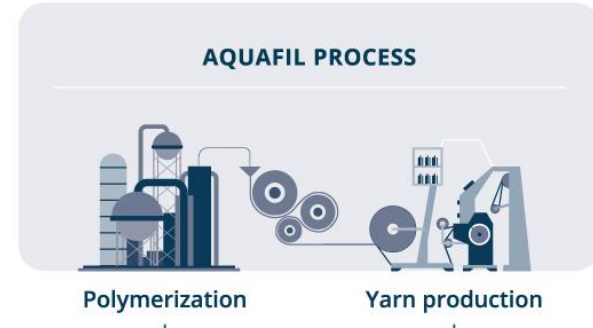


ENVIRONMENTAL FOOTPRINT BENEFITS

PRIMARY YARN



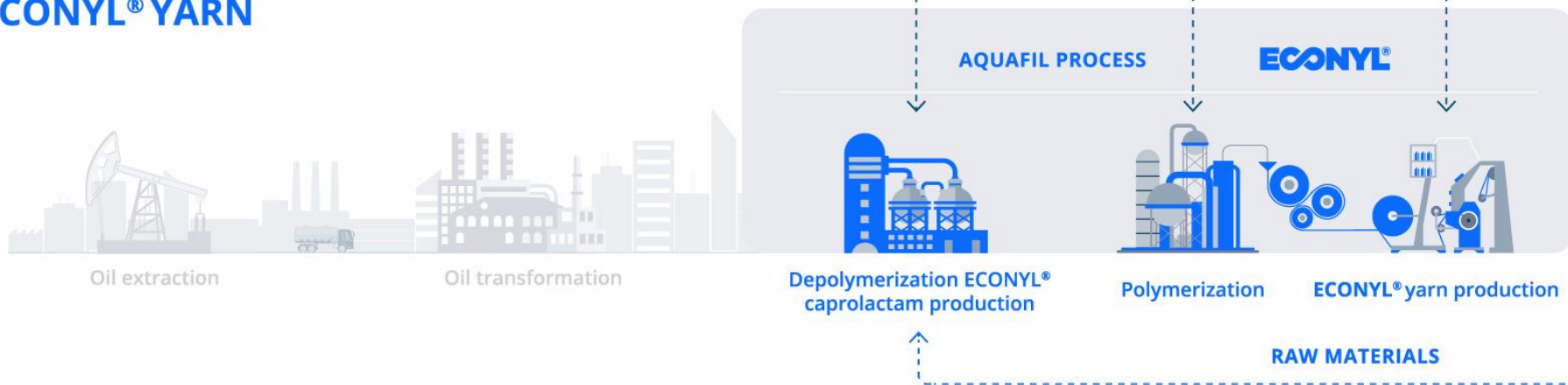
GLOBAL WARMING POTENTIAL REDUCED UP TO **90%**
IF COMPARED WITH TRADITIONAL OIL-BASED AQUAFIL RAW MATERIAL



PRODUCTION PHASE SAME AS THE TRADITIONAL ONE

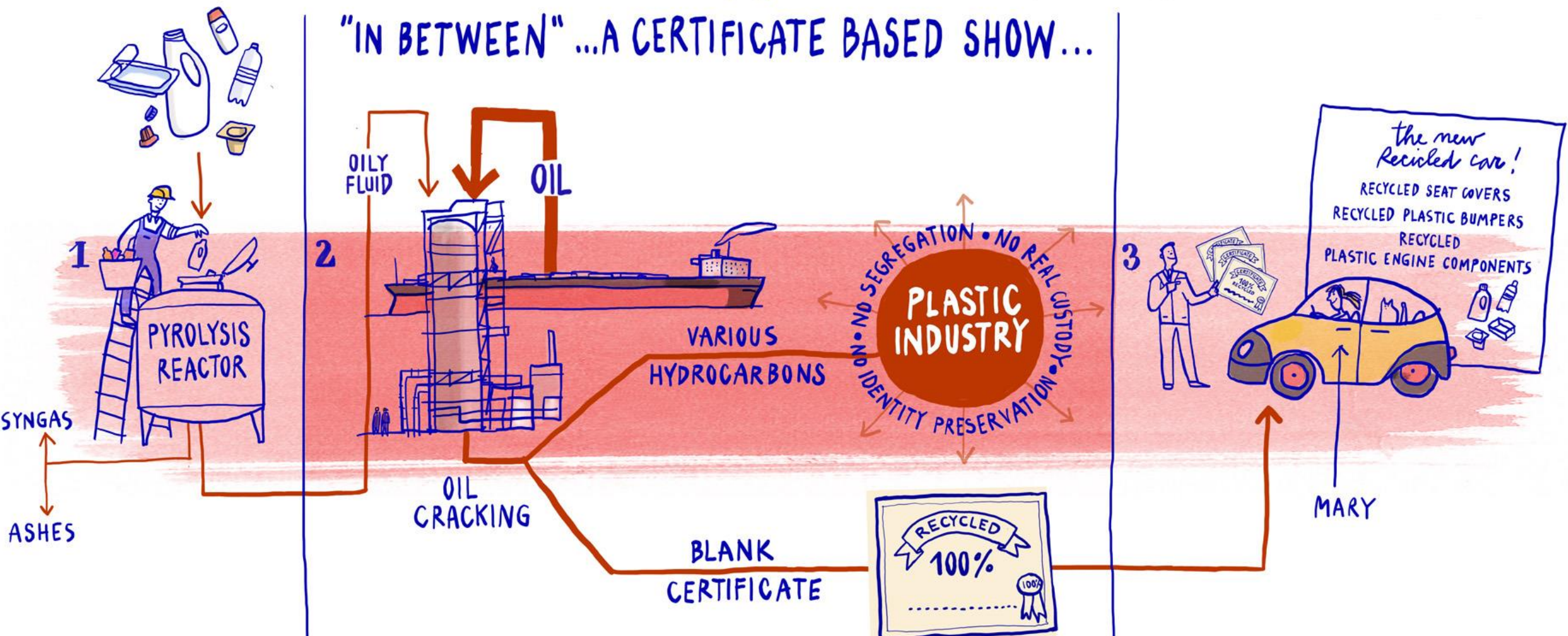


ECONYL® YARN



MASS BALANCE & CIRCULAR ECONOMY FOR PLASTIC MATERIALS & PRODUCTS

"IN BETWEEN" ...A CERTIFICATE BASED SHOW...



← "What happens here is not relevant" ? →

THE OIL REFINING INDUSTRY CAN TURN APPLES 🍏 INTO BANANAS 🍌, STRAWBERRIES 🍓, POTATOES 🥔, SAFFRON 🌾, TRUFFLES 🍄... ANYTHING