



Accelerating our transition to
a Circular Economy



Global
Commitment



USING INNOVATIVE POLYMERS TO DELIVER THE CIRCULAR ECONOMY

Aquapak UK overview

Manufacturing, R&D and Tech Support HQ



- 4700m² compounding facility in Birmingham, U.K.
- Production capacity 10-30,000MT capacity
- Equivalent to 1 billion m² of film or co-ex paper
- 2 full scale & pilot lines operational
- 30+ polymer patents filed
- World class R&D capabilities and resource
- Global supply & distribution

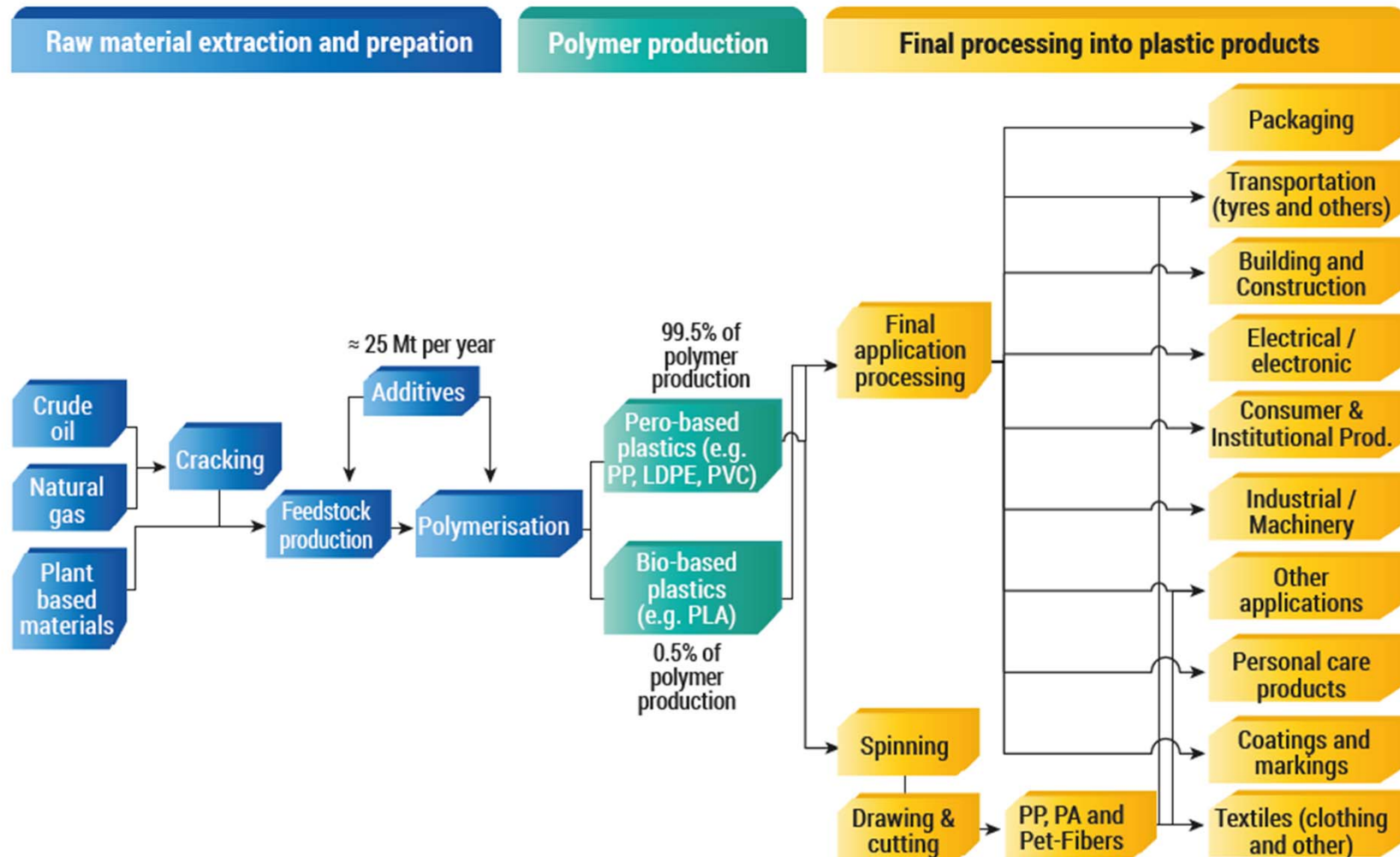
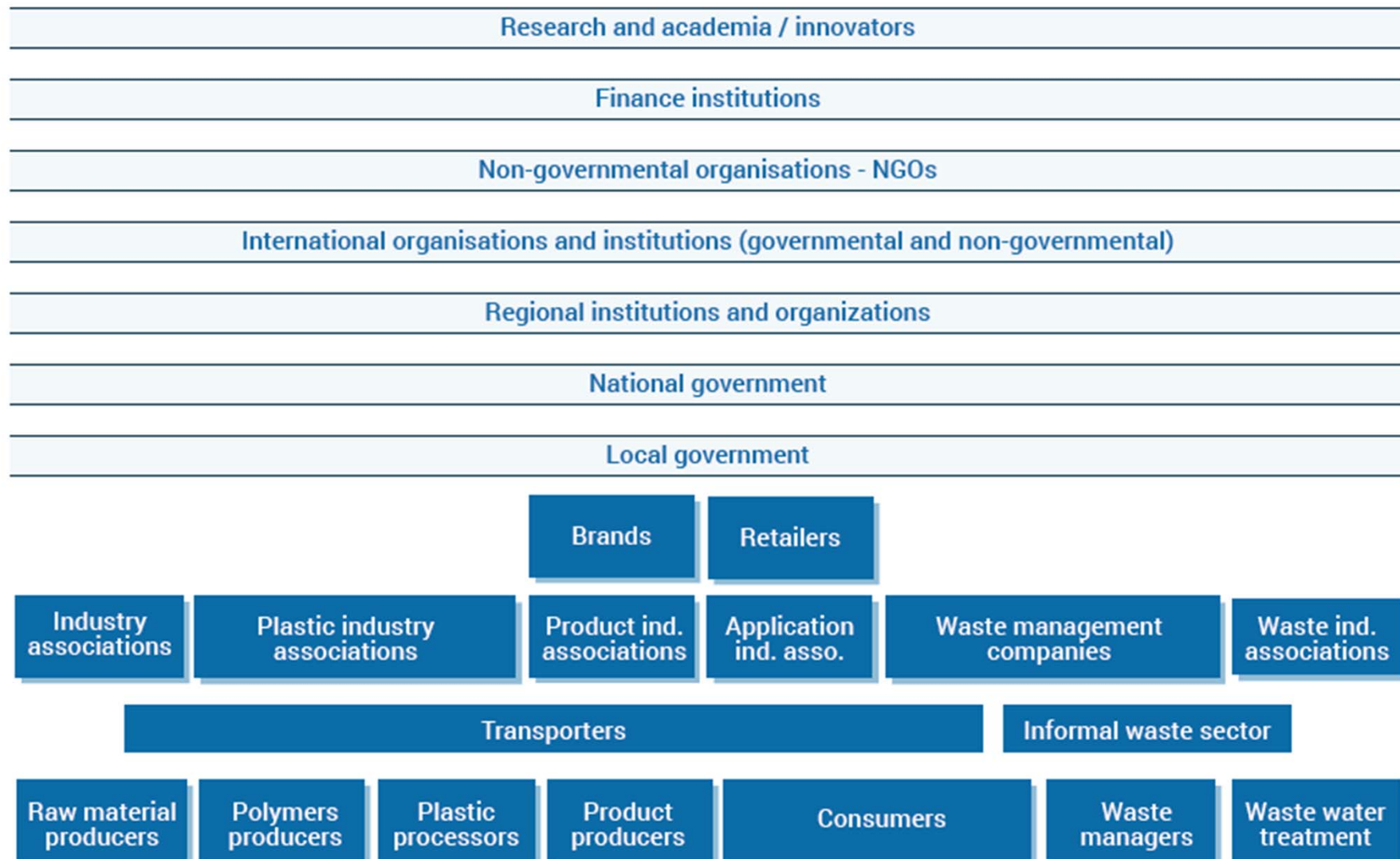
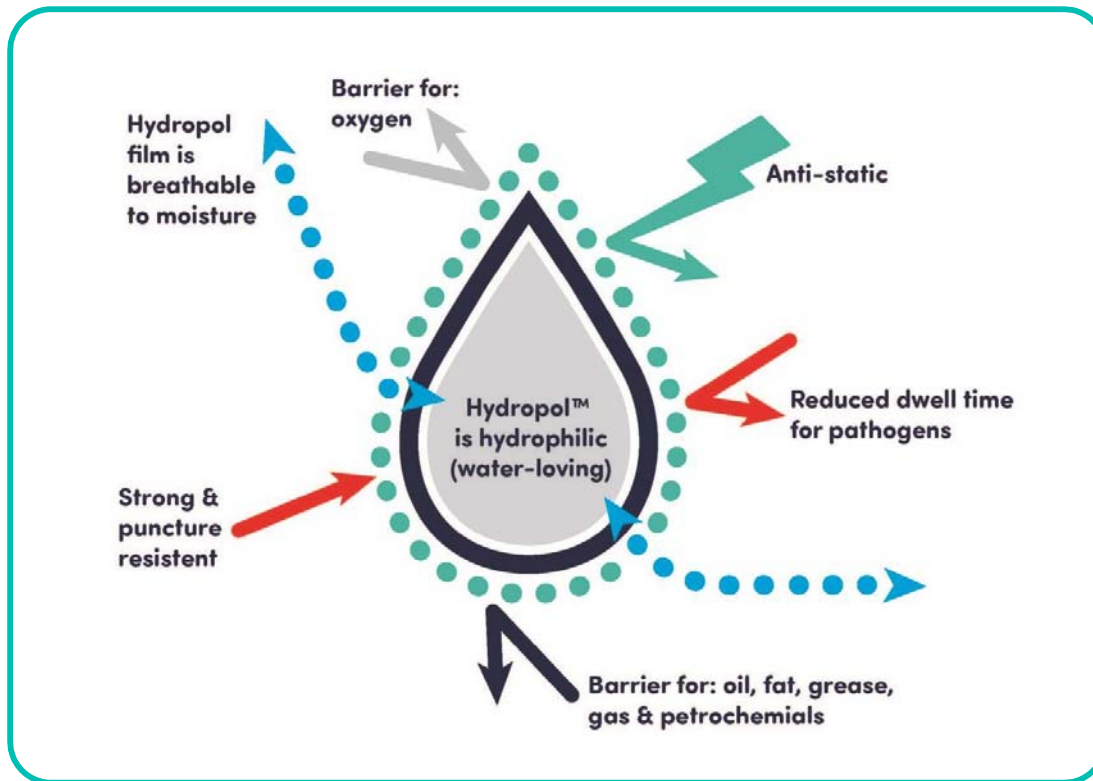


Figure 2.2 The plastic production process from raw materials to final products



Hydropol™ Polymer Technology

Innovative hydrophilic chemistry provides enhanced barrier performance, strength and multiple end-of-life options



Key Features

- ✓ Non-toxic
- ✓ Tailored solubility (10°C - 80°C)
- ✓ Biodegradable
- ✓ Marine-safe
- ✓ No harmful microplastics
- ✓ Compostable
- ✓ Suitable for AD plants
- ✓ Simple integration into existing manufacturing processes.



Hydropol™ in end-of-life

Supporting multiple safe disposal options



Products made with Hydropol are **safe for existing recycling processes** and **fully biodegrade** should they enter the environment without creating toxins or harmful microplastics.

Recycling



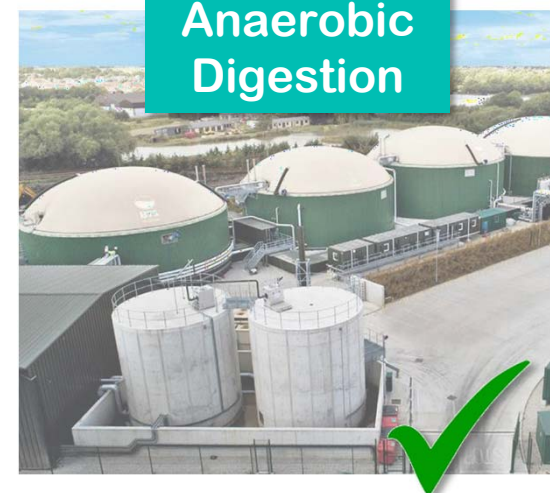
- Integrates with existing recycling processes (domestic & commercial)
- Fully dissolves in the paper recycling process
- Allows for raw material recovery

Composting



- Fully biodegrades in compost facilities
- Reduces release of methane from traditional end-of-life options

Anaerobic Digestion



- Fully biodegrades in dedicated facilities
- Bacteria break down Hydropol in the absence of oxygen
- Produces renewable energy in the form of biogas

Advanced Biodegradable Barrier Technology

Biohybrid Project Platform



What is a biohybrid?

New polymer technology to replace complex multi-layer materials that are impossible to recycle and subject to future bans.

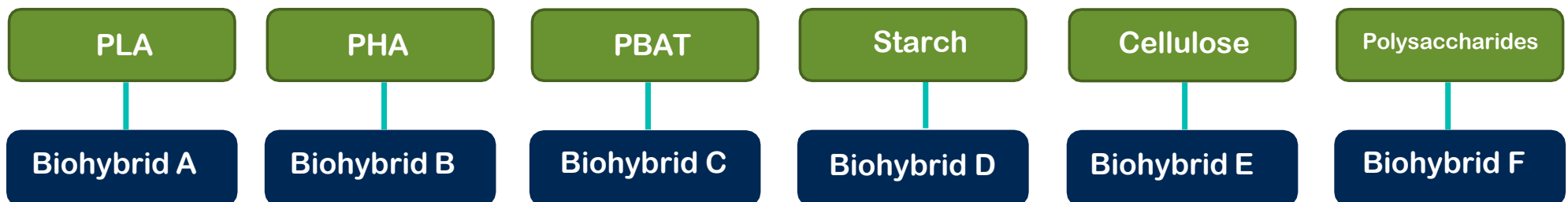
Why is this needed?

New legislation driving a move to mono-material structures and elimination of packaging that could be littered and damage the environment.

Hydropol™ functionality and strength removes the need for complex packaging structures and unlocks a vast number of new **biohybrid** compound opportunities using 3rd party bio-sourced materials including cellulose.



Generation of unique new materials combining Hydropol USPs with individual biopolymer function and performance



Strategic Partnerships

Industry, academic and commercial representation



“We’re at the cutting-edge of polymer technology and sustainable science so work closely with leading institutions to ensure we stay at the forefront of this rapidly changing industry for the benefit of our customers and the planet.”





Thank you!

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