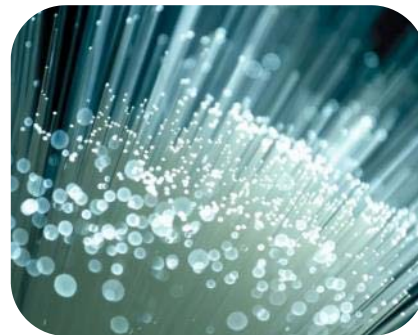




Polyurethane dispersions

Combining high performance with environmental friendliness

Where are PUD's used?



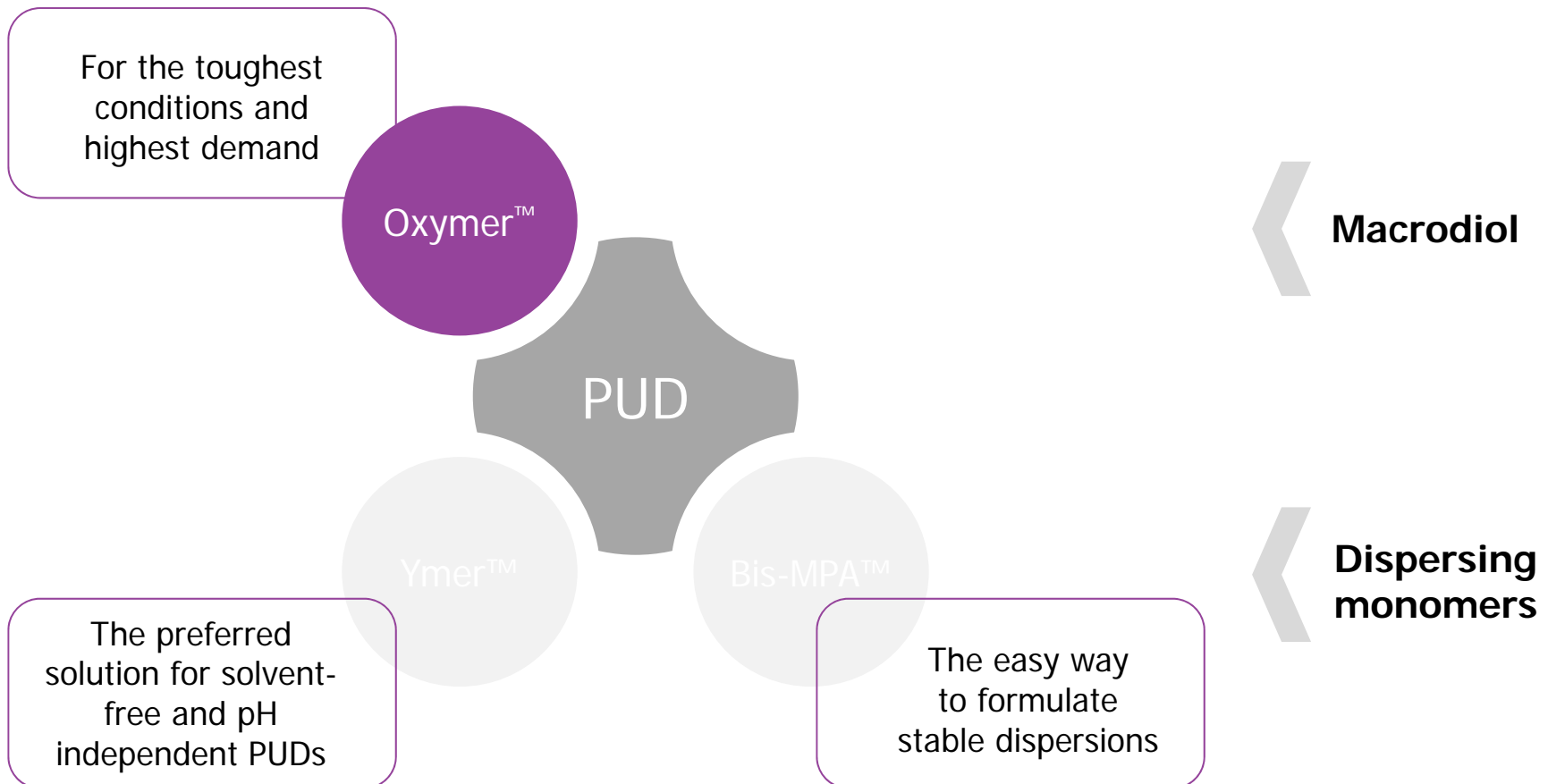
High end production for a variety of materials

Polyurethane dispersions - Limitless formulation freedom

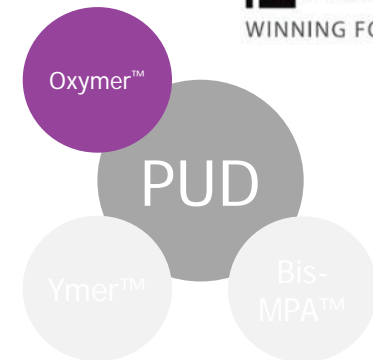
- ➔ Extremely versatile, high performing coating systems
- ➔ Enables customization such as durability, hardness and flexibility
- ➔ Low environmental impact due to low VOC content and dispersion in water



Perstorp's product range for PUDs



Oxymer™ HD



Benefits

- ➔ Polycarbonate diols based on HDO for demanding applications
- ➔ Excellent outdoor and UV resistance
- ➔ Chemical and hydrolytic resistance
- ➔ Available in different molecular weights
- ➔ Excellent strength and flexibility

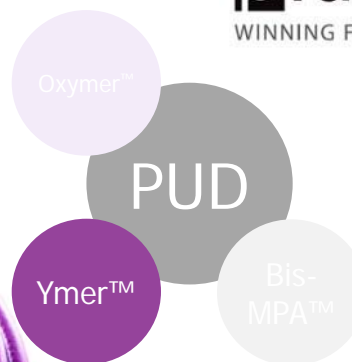
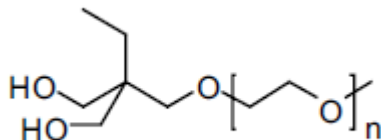


For the most demanding applications and toughest conditions

Ymer™ N120

Benefits

- ➔ Enables solvent free PUDs
- ➔ pH independent stability
- ➔ Increased freeze/thaw stability
- ➔ Improves flexibility and solvent resistance
- ➔ Ready to use - increased plant through-put

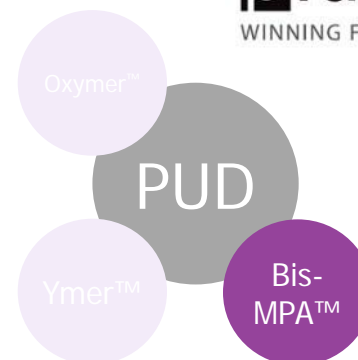
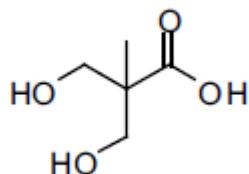


A nonionic dispersing monomer for no/low solvent PUDs

Bis-MPA

Benefits

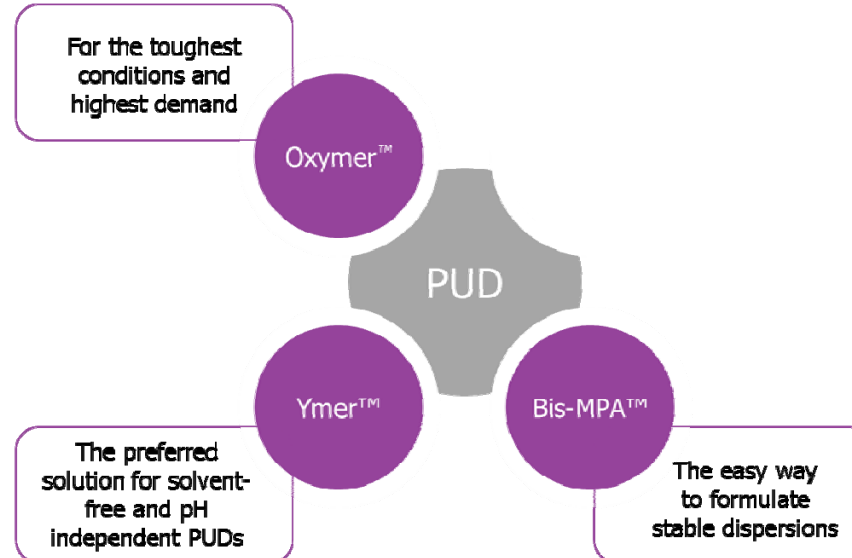
- ➔ For easy to formulate stable dispersions
- ➔ Low amounts needed in formulations
- ➔ Low water sensitivity
- ➔ Very low toxicity
- ➔ Finer particle size for faster solubilisation



The key raw material for anionic polyurethane dispersions

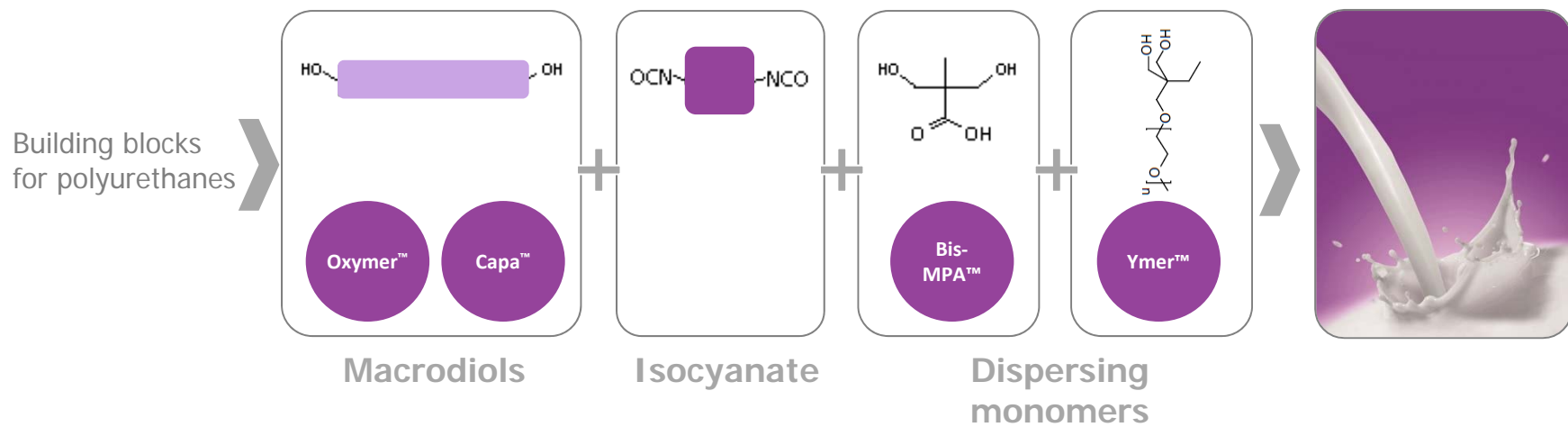
Perstorp - your polyurethane partner

- ➔ Broad portfolio of high quality products for durable, high performing and environmentally friendly solvent free PUDs
- ➔ Wide range of polyols for fine-tuning properties and end application performance
- ➔ Perstorp can offer technical knowledge and support together with global supply chain solutions and a wide distribution network



Polyurethane polymer

And key building blocks



Fine-tuning performance

We also offer short polyalcohols to fine-tune PUD properties

