

Moulding bioplastics



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H&P Moulding

H&P Moulding has evolved into a specialist in injection moulding in products for the medical, laboratory and high-tech industries.

We have the knowledge and experience in moulding a wide range of thermoplastic materials such as PEEK, PAI, PET and several bio plastics.

Next to a wide range of moulding machines we also are equipped with a ISO class 7 Cleanroom and we are ISO 13485 : 2016 certified.

Among our customers are multinational companies such as Johnson & Johnson, Bosch and Honeywell





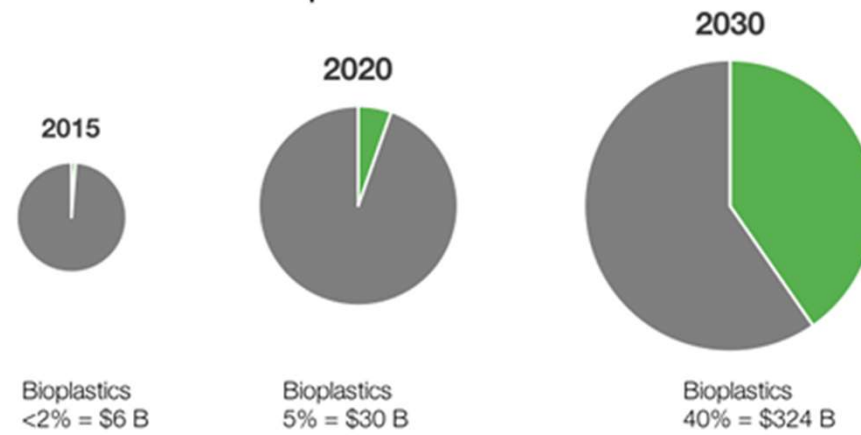
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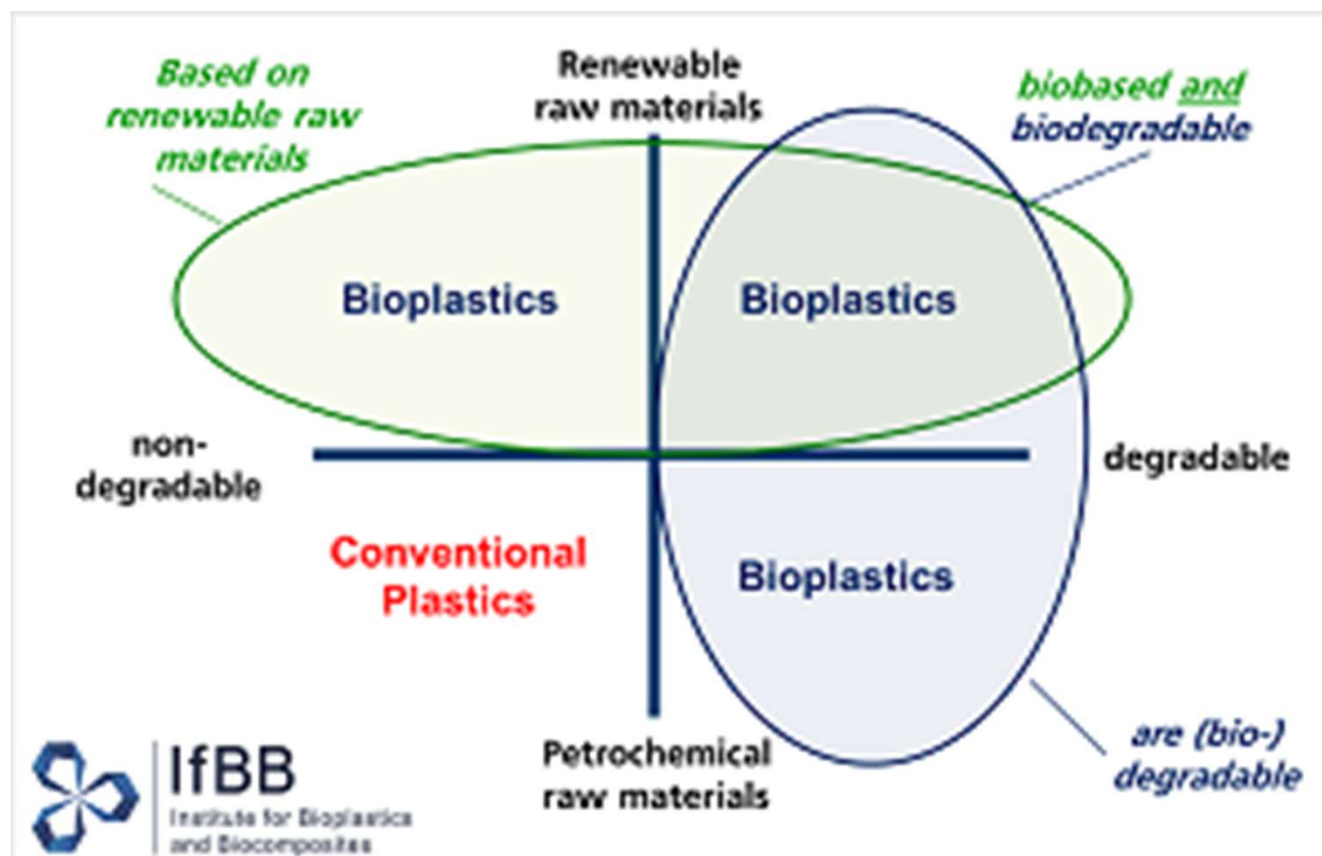
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Global Bioplastics Market



¹Source: Grand View Research 2014, European Bioplastics 2013, BCC Research 2017, Nexant Inc. 2012
²<https://www.alliedmarketresearch.com/press-release/bioplastics-market.html>









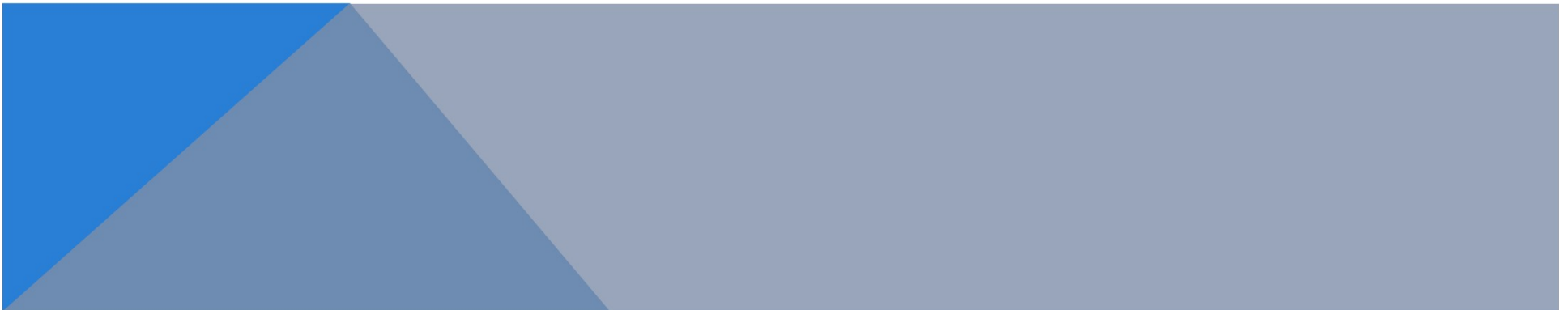




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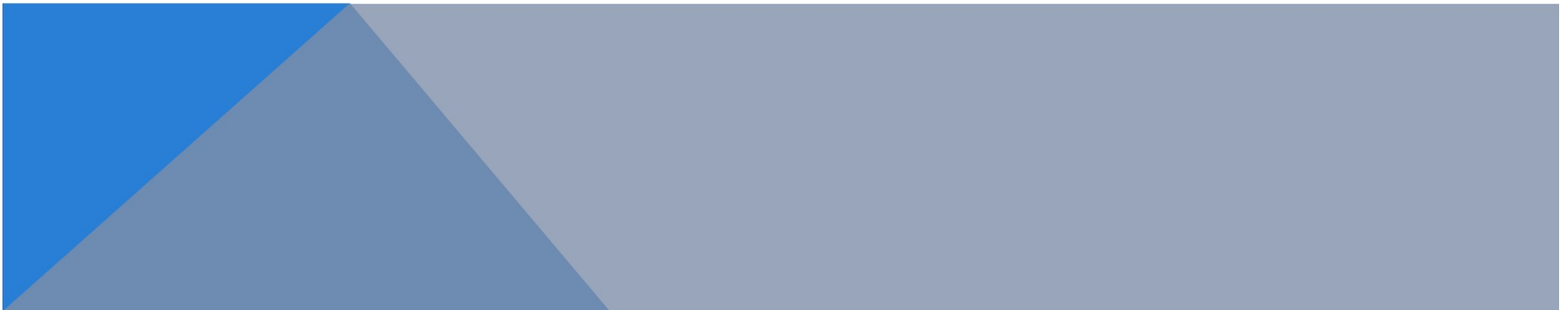
RESULTS

- **More delicate processing**
 - Lower viscosity
 - Lower glass transition temperature
 - More inconsistent
 - Shrinkage
 - Mould modifications
- **Properties**
 - Natural colouring
 - Mechanical properties
 - Impact of natural fibres



CONCLUSION

- **Increased knowledge on bio materials and their processing**
- **Showcase**
- **(Increased) knowledge exchange with Universities and Universities of Applied Sciences**
- **Innovation - image**



H&P Moulding

High quality & Precision Moulding

www.hpmoulding.com



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