

# 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





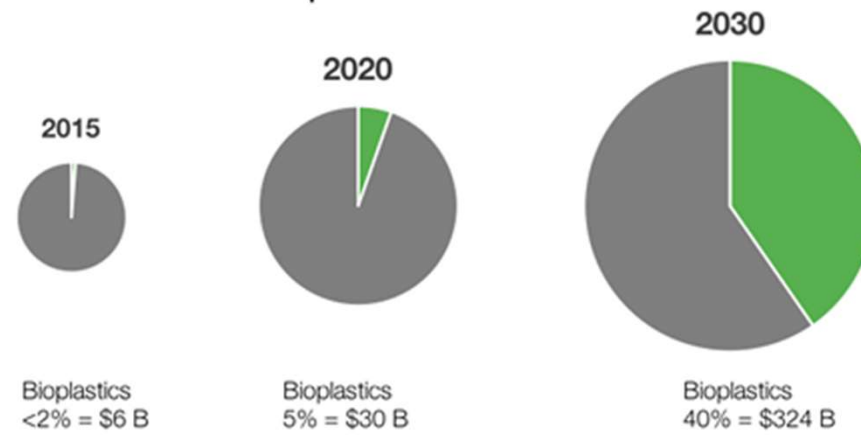
**H&P**



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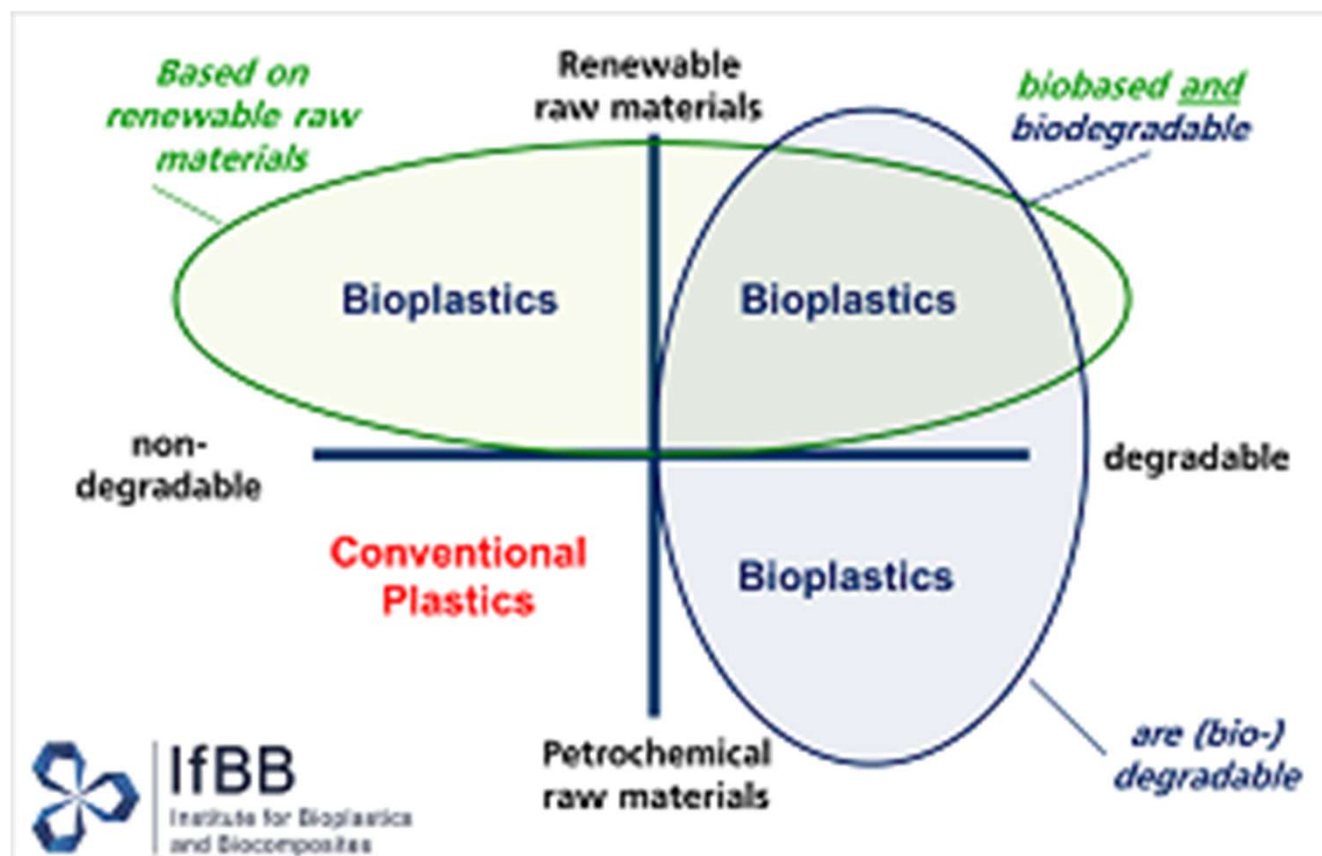


## Global Bioplastics Market



<sup>1</sup>Source: Grand View Research 2014, European Bioplastics 2013, BCC Research 2017, Nexant Inc. 2012

<sup>2</sup><https://www.alliedmarketresearch.com/press-release/bioplastics-market.html>









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High quality & Precision Moulding

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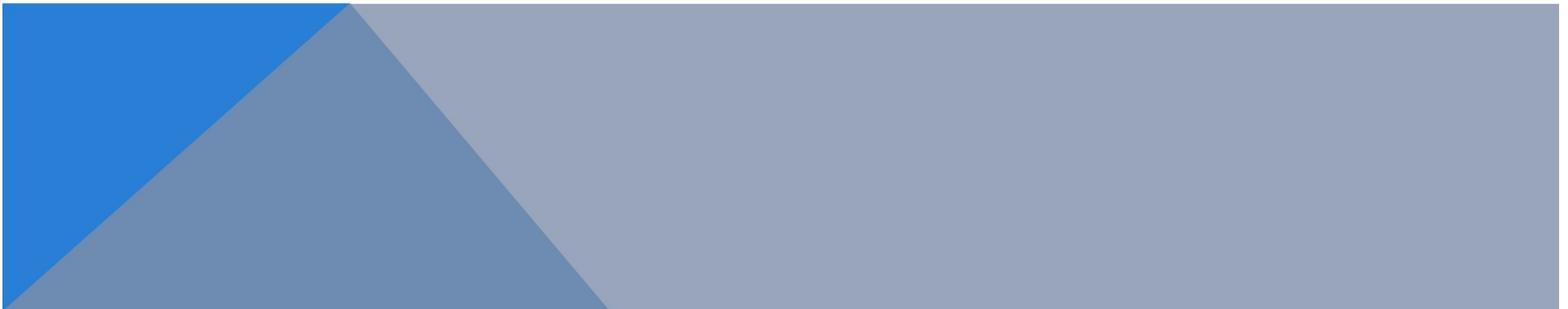




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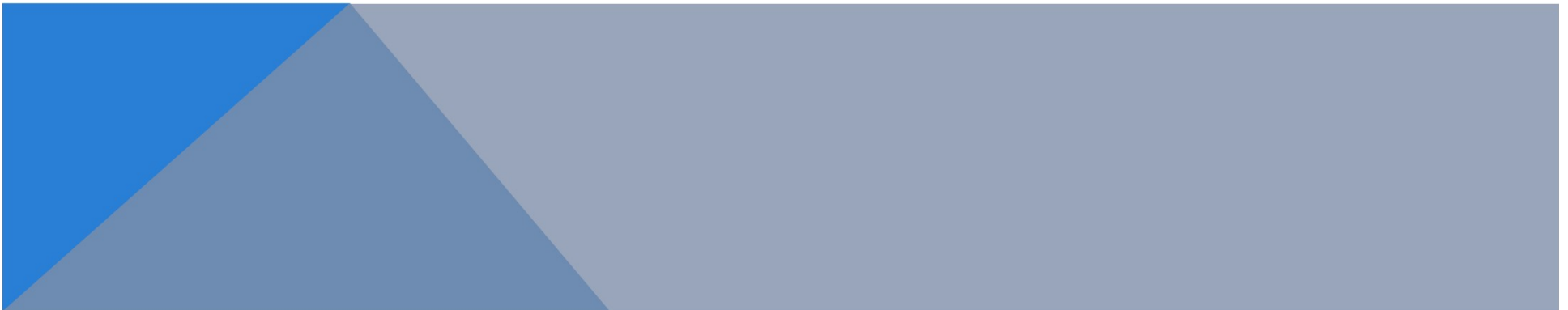
# RESULTS

- **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**



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[www.hpmoulding.com](http://www.hpmoulding.com)



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