

recently developed

PE Monoband

Monoband is a newly developed packaging solution used in combination with Flat Net system.

As shown below Combiband consists of two different plastic materials: PE (polyethylene) base and either PP or PET as an upper layer. Because of this combination it is not fully recyclable.

However, our new product - **Monoband** is made of one layer of plastic and is therefore, **100% recyclable**.



monoband



flat net



**100%
recyclable**

Comparison of Combiband and Monoband

combiband



- 3** - PP/PET/...
- 2** - print
- 1** - PE (polyethylene)

monoband



MAAR[®]
packaging material

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plastics and the environment

did you know?

SOME FACTS

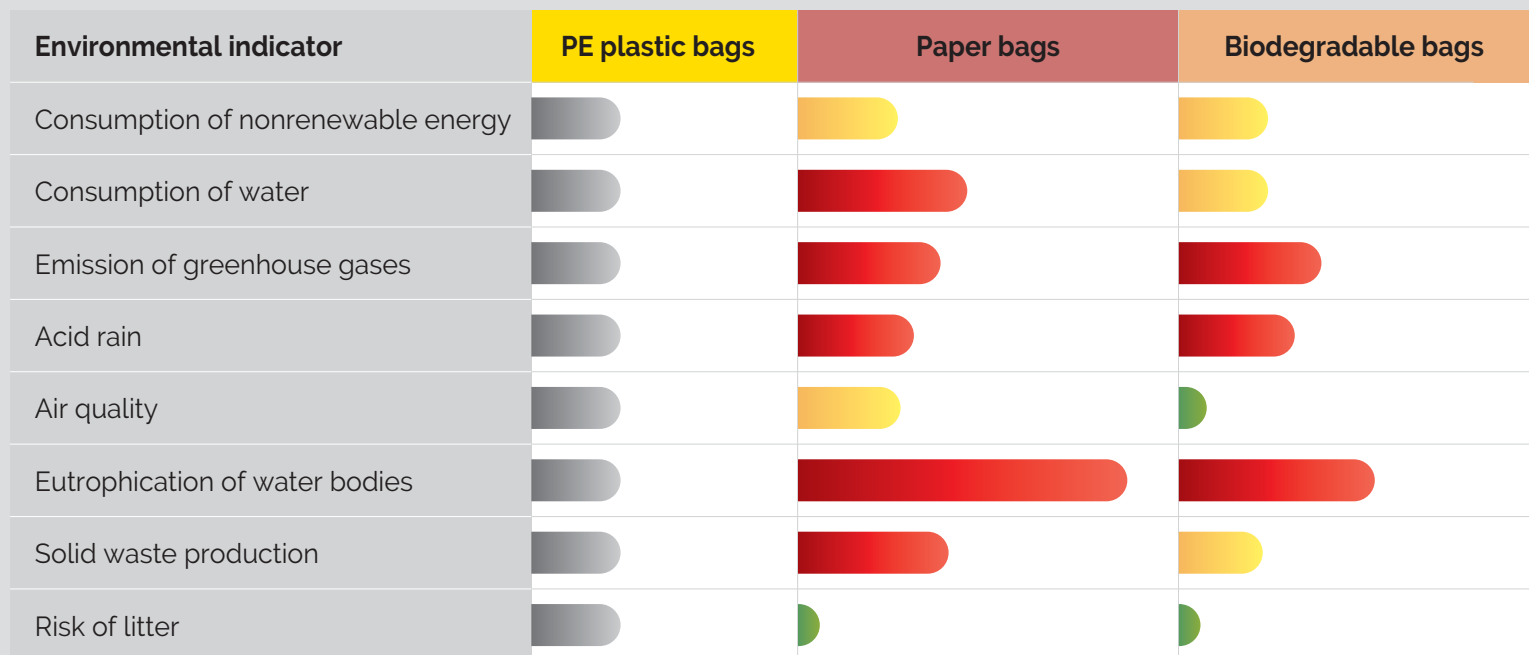
- Europe produces 620 million tonnes of post-consumer waste a year.
- 27 million tonnes (4,3 %) of those represent plastics.
- 8,4 million tonnes (31 %) of plastics is recycled.
- EU Comission Directive plans to increase recycled plastic waste up to 50% by 2025.

Source: Plastics information Europe, 2016. An analysis of European plastics production, demand and waste data. A publication. Brussels, Belgium.

paper vs. plastic

IS PAPER REALLY MORE SUSTAINABLE THAN PLASTIC?

Life cycle assessment (LCA) of PE plastic, paper and biodegradable bags for single use:



Legend: ■ comparable ■ better ■ worse

Source: EuroCommerce, 2004. The Use LCA's on Plastic Bags in an IPP Context. A report. Brussels, Belgium

important message

CONCLUSION

According to many studies and the one above a life cycle of **PE plastic bags** is **more environmentally sustainable**.



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