

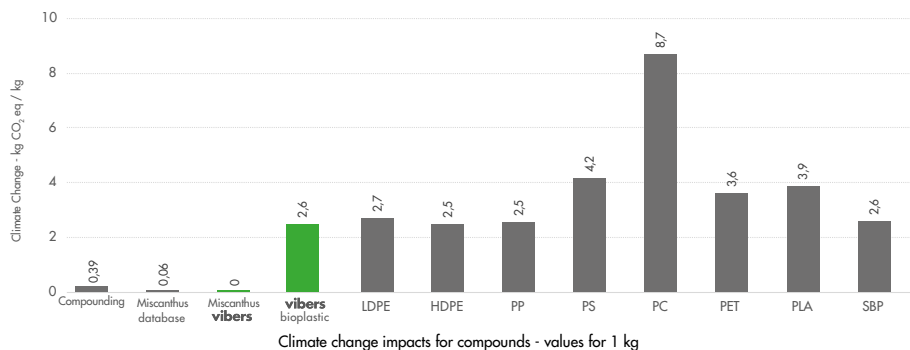
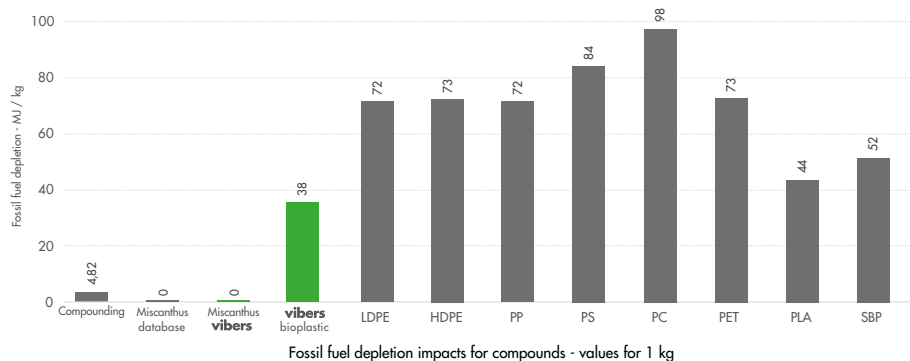
Cradle-to-gate Carbon Footprint (LCA) of

Miscanthus vibers™ & vibers™ bioplastic

LCA study report

Evaluation of cradle-to-gate environmental impacts of various compounds compared to Vibers bioplastic.

This study was ordered by Vibers to Materia Nova within the context of the BioBase4SME project.



LDPE: Low Density Polyethylene
 HDPE: High Density Polyethylene
 PP: Polypropylene
 PC: Polycarbonate
 PET: Polyethylene Terephthalate
 PLA: Polylactic Acid
 SBP: Starch Based Plastic

Vibers bioplastic

Vibers develops advanced technology and materials with local Elephant grass fibres; the 100% natural miracle crop.

Vibers bioplastic is available as granulate for injection molding & extrusion and as film & sheet for, among others, thermoforming.

Applications include POS marketing materials, luxury packaging, plant pots and furniture.

Benefits of our bioplastic

- Low ecological footprint
- Biobased
- Biodegradable
- Made in Holland
- Natural look and feel
- Vibers can be processed on existing injection molding, extrusion and thermoforming machines without hardware changes

Next to bioplastic we also offer Vibers paper & cardboard and Vibers bio-concrete.

For more information please contact:

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