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Cradle-to-gate Carbon Footprint (LCA) of

vibers™

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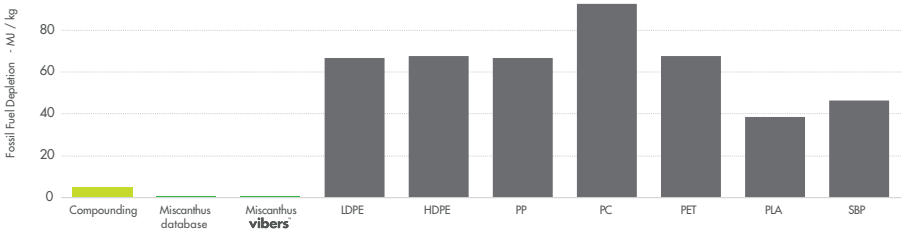
LCA study report

Evaluation of cradle-to-gate environmental impacts of various virgin matrices compared to those of their compounds with Miscanthus fibres.

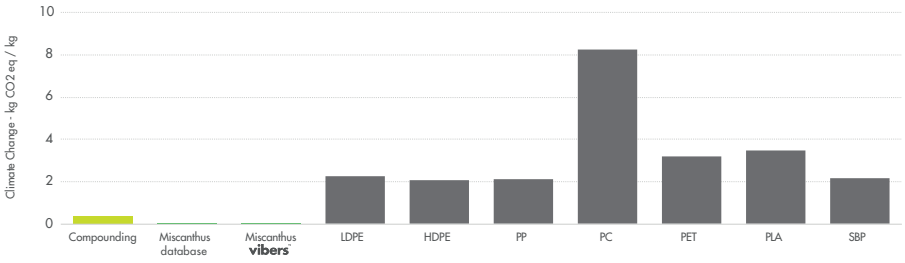
This study was ordered by vibers to Materia Nova within the context of the BioBase4SME project.

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

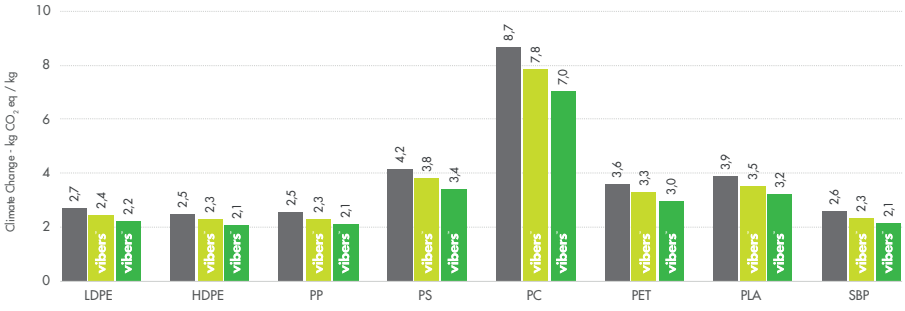
LCA study report



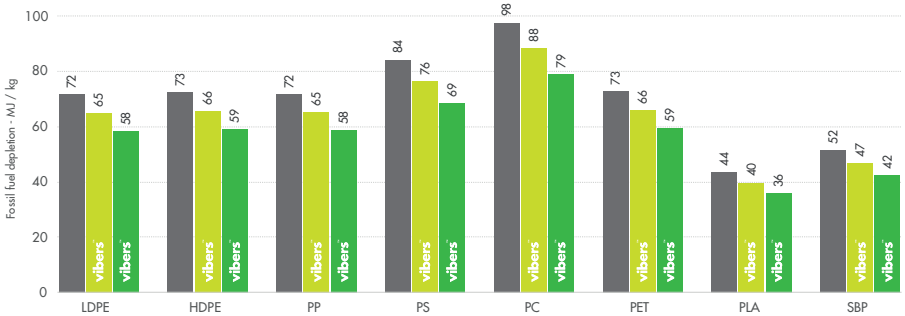
Fossil fuel depletion impacts of compounding, Miscanthus, **vibers** and several polymers - values for 1 kg



Climate change impacts of compounding, Miscanthus, **vibers** and several polymers - values for 1 kg



Climate change impacts for compounds with 0% (grey), 10% (yellow), 20% (green) **vibers inside** - values for 1 kg



Fossil fuel depletion impacts for compounds with 0% (grey), 10% (yellow), 20% (green) **vibers inside** - values for 1 kg

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