

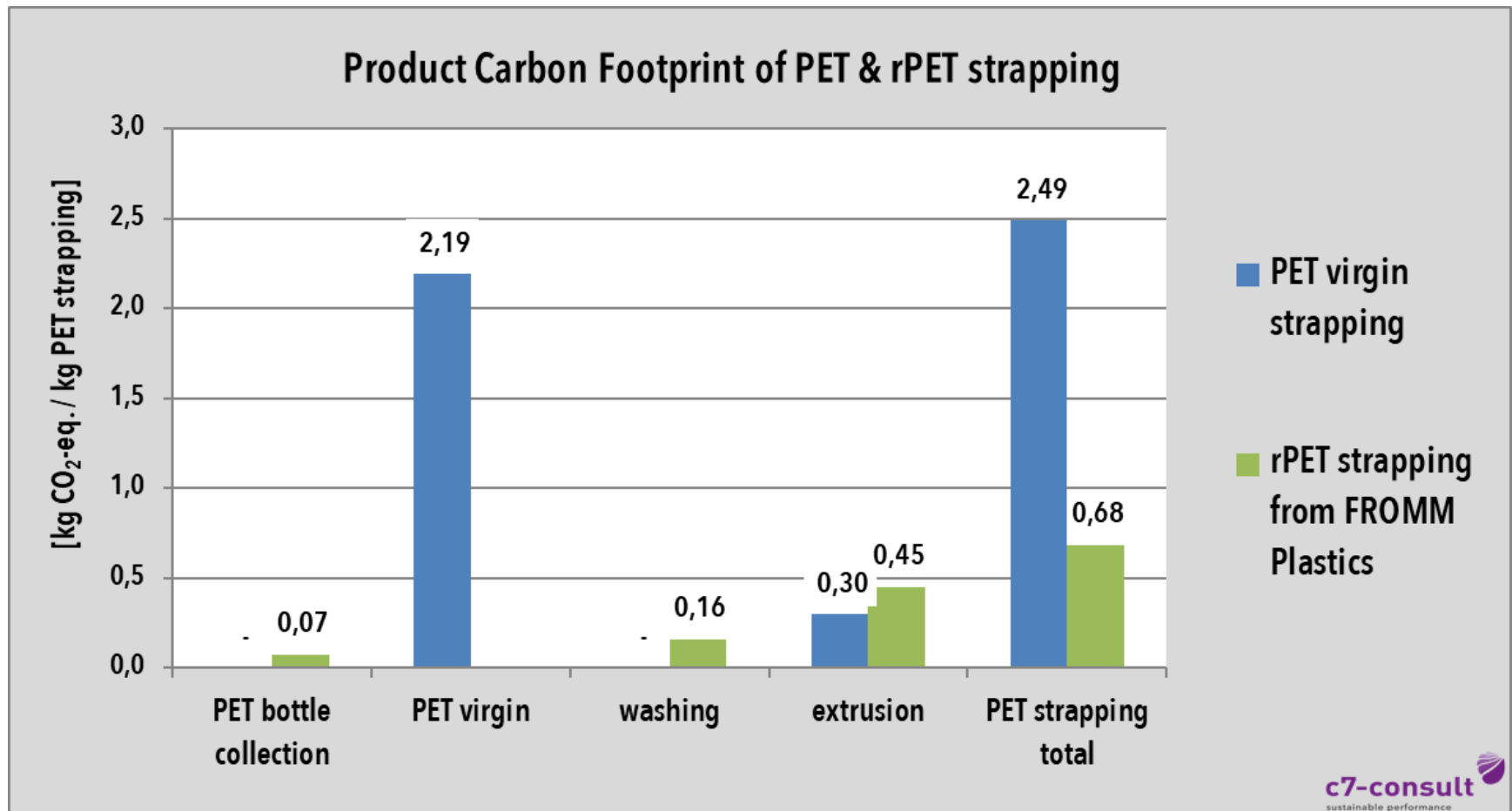
# Product Carbon Footprint of PET virgin strapping compared to rPET strapping produced by FROMM Plastics

Version 1.1

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- The aim of the analysis is to compare the Product Carbon Footprint of strapping made of virgin PET and rPET strapping produced by FROMM PLASTICS GmbH.
- The data for washing separately collected PET bottles was provided by TEXPLAST, the data for the extrusion of rPET strapping by FROMM PLASTICS GmbH.
- It is assumed that the energy demand for the extrusion of PET strapping is similar to the energy demand for the extrusion of rPET strapping.
- The Product Carbon Footprint of PET virgin is taken from PlasticsEurope.

# Product Carbon Footprint of PET virgin and rPET strapping



- Virgin PET strapping versus rPET strapping
  - Based on PlasticsEurope ecoprofiles, the Product Carbon Footprint of PET virgin is 2,19 kg CO<sub>2</sub>eq. / kg. The extrusion process causes another 0,30 kg CO<sub>2</sub>eq. / kg. All together, PET strapping from virgin material has a Product Carbon Footprint of 2,49 kg CO<sub>2</sub>eq. / kg.
  - rPET strapping produced by FROMM PLASTICS has a Product Carbon Footprint of 0,68 kg CO<sub>2</sub>eq. / kg.
- rPET strapping produced by FROMM PLASTICS from separately collected PET bottles reduces the Product Carbon Footprint by 73 % compared to PET strapping made of virgin PET.

**THANK YOU**  
**for your attention!**



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