

## SUSTAINABILITY FACTSHEET POWERTEX PWE R-PET WEBBING SLING

Product details	
Product name	Powertex PWE r-PET Webbing Sling
Product range	WLL 1t-3t, lengths 1-4 mtr for each variant

Supplier details	
Supplier name	[undisclosed]
Has the supplier signed the Axel Johnson International Code of Conduct?	Yes
Did the supplier pass the sustainability audit?	Yes
Last date of Sustainability Audit	06-12-2022
Audit score	Medium-high performance
Audit conducted by	Axel Johnson International China

Sustainability details	
What are the sustainability enhancements?	<ul style="list-style-type: none"> <li>100% of the polyester is exchanged from virgin polyester to recycled polyester made from used and recycled PET bottles.</li> <li>Plastic wraps replaced by cardboard wraps</li> </ul>
How much better is the sustainability performance?	70% reduction in CO <sub>2</sub> e from a cradle-to-gate-perspective (detailed view below).
How is the improved performance substantiated?	The research and following CO <sub>2</sub> e calculations were done in 2022 in a cradle-to-gate perspective according to ISO 14067 by a 3 <sup>rd</sup> party (2050 Consulting AB, Stockholm). For recycled material, the cut-off approach was used.

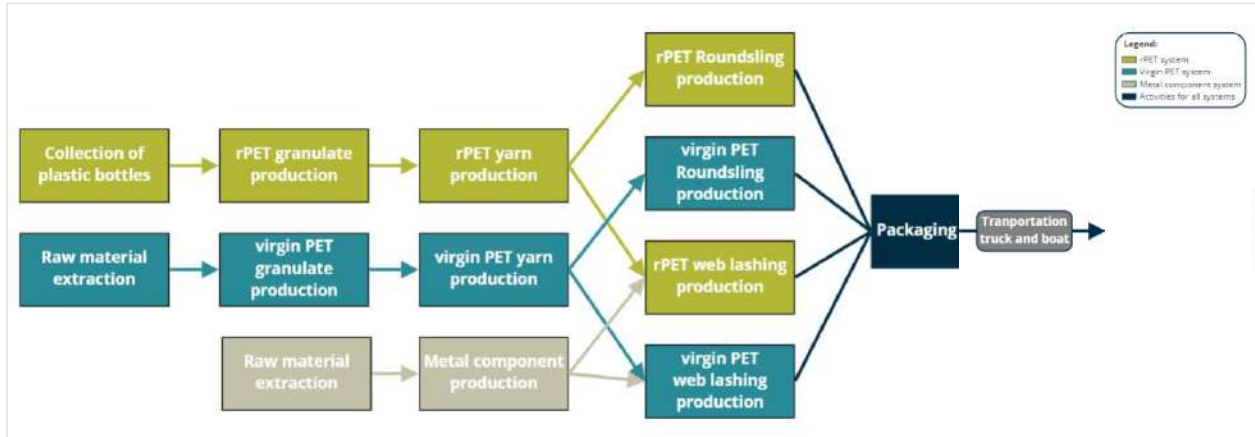
Climate Calculations Results (Total GWP in kg CO <sub>2</sub> e)		
Process step	r-PET Round Sling	Virgin PET Round Sling
<i>Granulate Production</i>	0,09	1,24
<i>Yarn Production</i>	0,10	0,09
<i>Manufacturing</i>	0,08	0,08
<i>Packaging</i>	0,06	0,06
<i>Transport</i>	0,15	0,14
Total for the finished product	0,48	1,61
<b>Total reduction (CO<sub>2</sub>e)</b>	<b>70%</b>	

Powertex, an Axel Johnson International – Lifting Solutions brand, is a leading provider of lifting, lashing, and fall protection equipment.

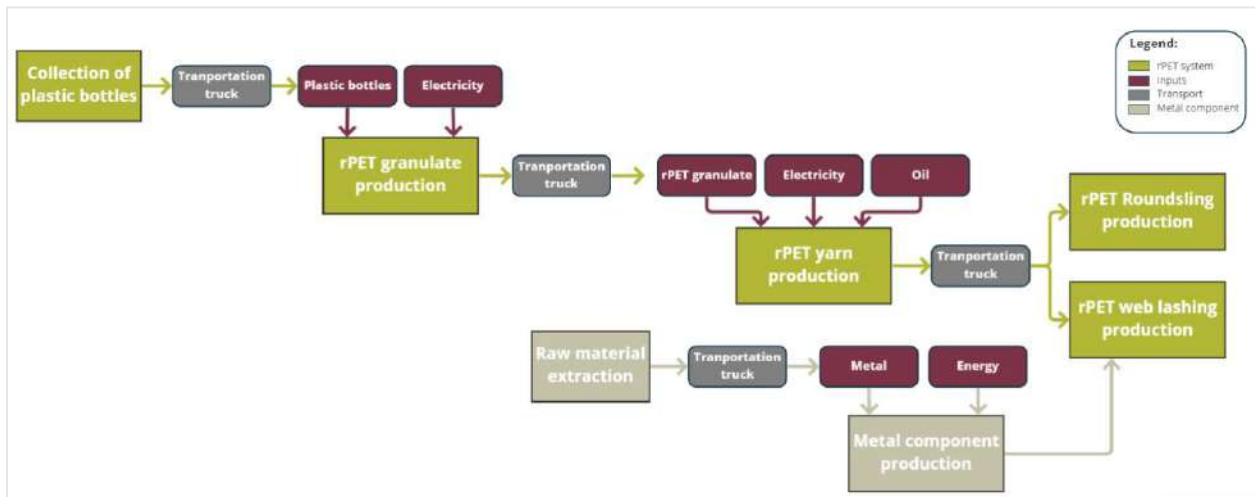
## System Boundaries

The study used a cradle-to-gate perspective and considers CO<sub>2</sub>e emissions from all activities during the lifecycle of textile slings and web lashings.

The flowchart below shows an overview of the production systems and their activities.

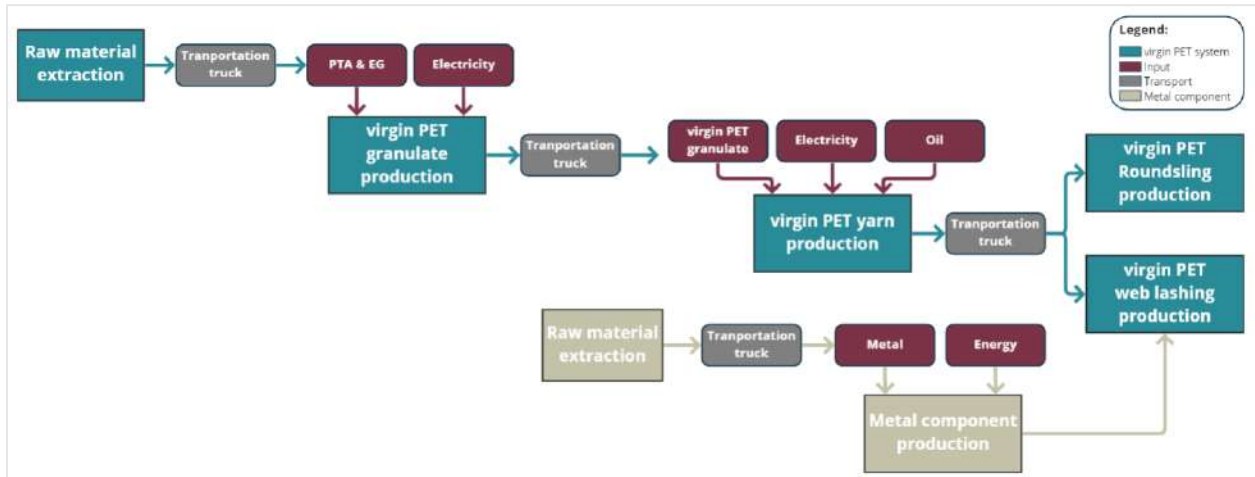


## Flowchart of r-PET input materials for textile slings and web lashings

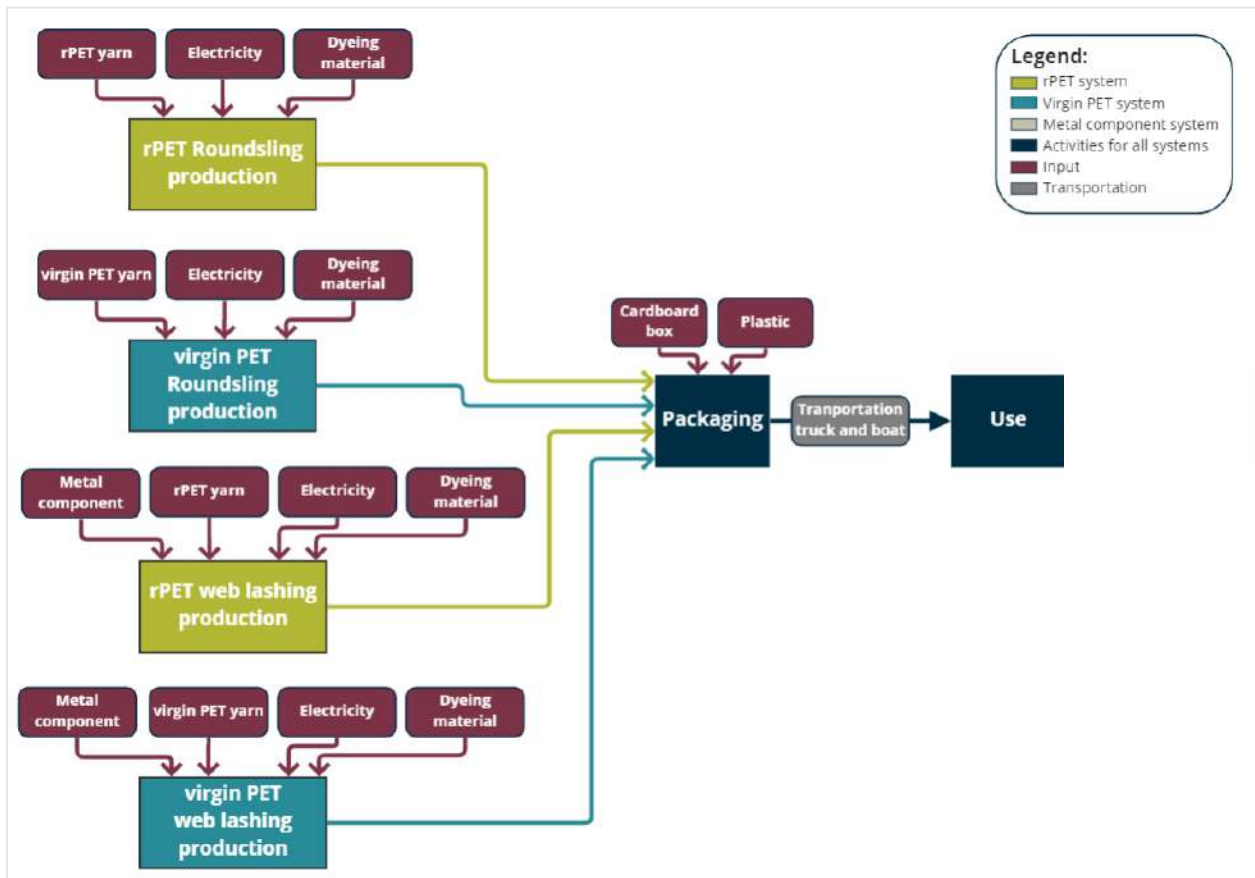


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## Flowchart of virgin PET input materials for textile slings and web lashings



## Flowchart of the production of textile slings and web lashings, packaging, and use.



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