



Packaging plan 2024-2025






Packaging plan - Year: already achieved before 2024



General vision:

Technische Unie is accelerating towards a sustainable future that is inclusive, fossil-free and circular. Reducing and making packaging sustainable is of course part of this and we have been working on this for years. The introduction of our green crate to replace cardboard boxes is the best example of this. As a frontrunner, TU remains in constant dialogue with its suppliers to implement improvements.

	Reduction actions	Sustainability actions	Reuse actions
Paper and cardboard 	<p>Aim: reducing the use of cardboard and paper.</p> <p>Actions implemented: since 2009, all 'conveyable' products are delivered in a reusable plastic crate, partly made of recycled material, resulting in savings of around 3,000 tonnes of cardboard per year.</p>	<p>Aim: Improving the recycling of materials by applying mono-flow materials. Also reducing the use of primary raw materials by using recycled materials.</p> <p>Actions implemented: PV carrier made of cardboard, which is 100% recyclable, Padding paper made from hazardous materials from now on made from grass paper. Grass grows faster than wood and harvesting has less impact on nature.</p>	
Plastic 	<p>Aim: reducing the use of plastic.</p> <p>Actions implemented:</p> <ul style="list-style-type: none"> ✓ Super bags diluted & without side gusset - 40% savings ✓ Super bags in more sizes – savings of 8,500kg per year ✓ Stretch wrap film (hand roll) from 17μ to 12μ - 30% savings, 13,900kg per year ✓ Ministretch 20μ to 17μ - 15% savings, 385kg per year ✓ Tube foil 100μ to 80μ - 20% savings, 1118kg per year 	<p>Actions implemented:</p> <p>Monostreaming packaging</p> <ul style="list-style-type: none"> ✓ From plastic tape to paper tape- 403kg per year ✓ From plastic bag to paper wrappers for stickers. ✓ Straps from pp to paper ✓ Buffer block solar panels from PE foam to cardboard <p>Increasing share of recycled material (secondary plastics)</p> <ul style="list-style-type: none"> ✓ Bubble bags 80% recycled plastic ✓ Bubble wrap rolls 100% recycled ✓ Void Fill Air cushions 100% recycled plastic ✓ Super bags 50% recycled plastic ✓ Rubbish bag made of 25% recycled plastic 	<p>Aim: preserving and reusing as many raw materials as possible.</p> <p>Action implemented:</p> <ul style="list-style-type: none"> ✓ Rejected bins processed into plastic granules
Wood (pallets) 	<p>Aim: reducing the use of wood and encouraging recycling.</p> <p>Action implemented: small deliveries of solar panels no longer on disposable pallet.</p>	<p>Small deliveries of solar panels in cardboard boxes instead of disposable wooden pallets. The boxes are easier to recycle.</p>	<p>TU has been using reusable pallets via the pallet centre since 2010.</p>



General vision:
Technische Unie is accelerating towards a sustainable future that is inclusive, fossil-free and circular. Reducing and making packaging sustainable is of course part of this and we have been working on this for years. The introduction of our green crate to replace cardboard boxes is the best example of this. As a frontrunner, TU remains in constant dialogue with its suppliers to implement improvements. We work on this both in regards to our own packaging stream and by encouraging our suppliers to implement the same improvements. Together we are working on a sustainable future.

	Reduction actions	Sustainability actions	Reuse actions
<div>Paper and cardboard</div> <div></div>	<div>Aim: reducing the use of 'virgin' cardboard and paper.</div> <div>Planned actions: In cooperation with the supplier, involve employees in saving packaging materials-</div>	<div>Aim: using more recycled materials and ensuring better recycling.</div> <div>Ongoing actions:</div> <div><ul style="list-style-type: none">- Experimenting with alternative raw materials for cardboard- DPS Stickers smaller, thinner and made from recycled materials, resulting in savings of 25-50%.</div>	<div>Aim: finding useful uses for waste cardboard.</div> <div>Ongoing action: processing old cardboard into filling materials for parcel services. Annual savings of around 1,000 kg.</div>
<div>Plastic</div> <div></div>	<div>Aim: reducing the use of virgin' plastic.</div> <div>Action implemented: stretch-wrap film 'thinned' on machine. From 35 micron to 23 micron; a saving of 34%.</div>	<div>Ongoing actions:</div> <div><ul style="list-style-type: none">- Investigating hand stretch wrapping film made of 100% recycled material.- Investigating machine stretch wrapping film partly from recycled material.- Investigating machine grip bags & tubular film made of up to 50% recycled material.- Bubble wrap ceramic made from 100% recycled material.- Plastic packet envelope replaced by paper</div>	<div>Aim: reduction of % in waste of green, reusable crates.</div> <div>Action: green bin loss reduction programme developed and rolled out.</div>
<div>Wood (pallets)</div> <div></div>		<div>Ongoing actions:</div> <div><ul style="list-style-type: none">- Securing the use of SFC/PEFC certified wood for pallets.</div>	<div>Aim: reducing the percentage of lost packaging, such as wooden reels.</div> <div>Action: loss reduction programme for other packaging developed and rolled out.</div>
<div>EPS (polystyrene foam)</div>	<div>N/A</div>	<div>N/A</div>	<div>N/A</div>