

# INNOVATION AND THE ENVIRONMENT

Our primary obligation is to improve patient care by bringing innovative devices to healthcare professionals. As we go about this process, we are obliged to act responsibly towards the planet on which we all live.

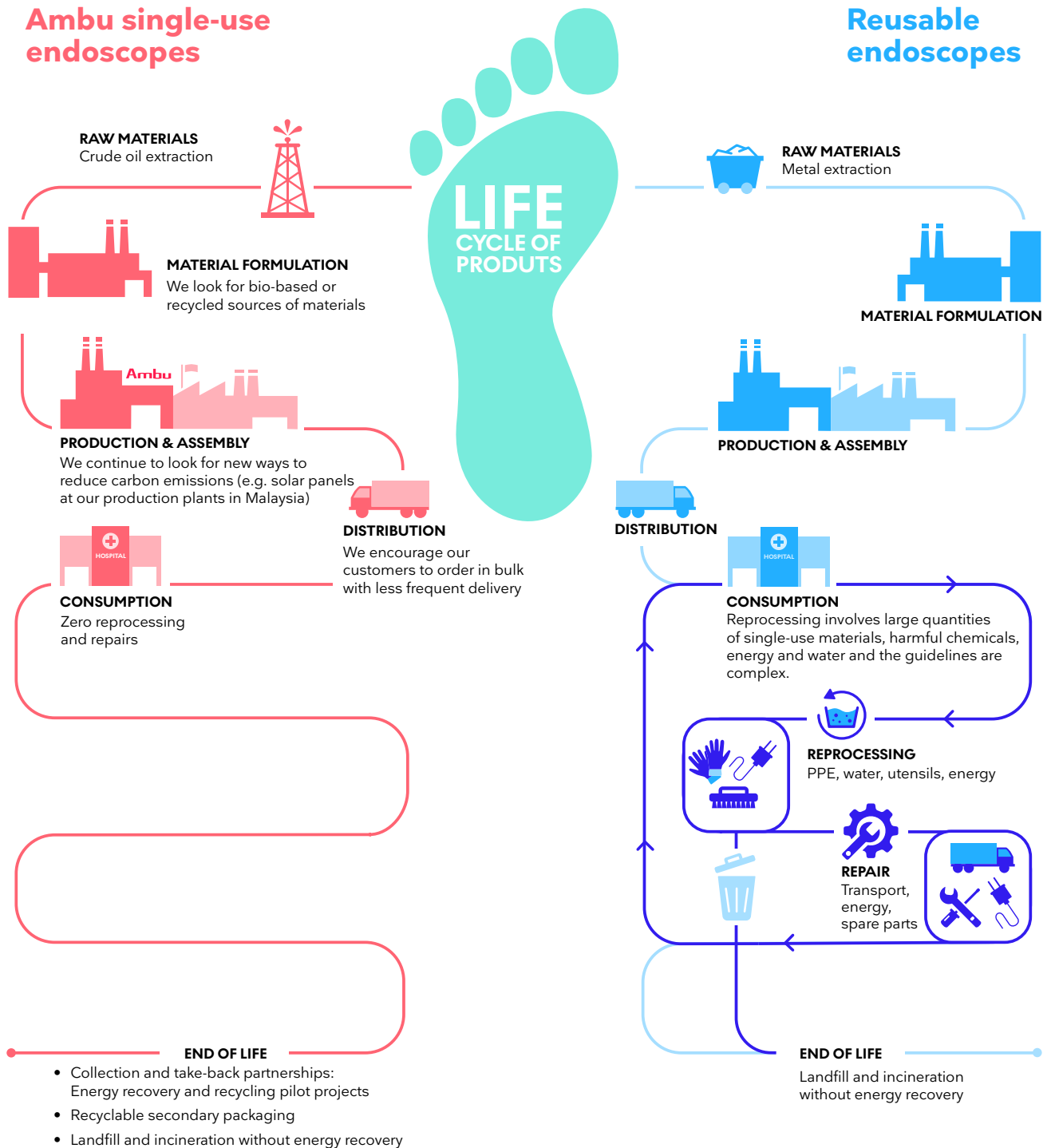
## OUR PLASTICS AND PRODUCT STRATEGY FROM THE SHORT-TERM AND BEYOND

From raw material extractions to disposal, we recognise that the choices we make for the life cycle of our products affect not only our own operations, but also those of our suppliers and customers. With this in mind, we strive to minimise the impact our products have on the environment. Whenever possible, we contribute to the circular economy by, for example, prolonging the lifetime of materials, offering upgrades, and recycling. Our plastic and product strategy focuses on the areas where we believe we can make a difference in product design, production, and end-of-use.

	SHORT TO MEDIUM TERM	LONG TERM
DESIGN	<ul style="list-style-type: none"> <li>Reduce material use</li> <li>Eliminate use of PVC</li> </ul>	<ul style="list-style-type: none"> <li>Use more sustainable materials</li> <li>Design for recycling</li> </ul>
PRODUCTION	<ul style="list-style-type: none"> <li>Operation Clean Sweep A program that prevents pellet loss</li> <li>Reduce unnecessary items in product packs</li> </ul>	<ul style="list-style-type: none"> <li>Waste to be reused or recycled</li> </ul>
END-OF-USE	<ul style="list-style-type: none"> <li>Plastic Bank® A social enterprise that builds recycling ecosystems</li> <li>Take-back with incineration &amp; energy recovery (US &amp; IT)</li> <li>Take-back with recycling (DE)</li> </ul>	<ul style="list-style-type: none"> <li>Recycling at scale</li> </ul>

## CARBON FOOTPRINTS

In order to compare carbon footprints, it is necessary to consider the entire life cycle of the products. Studies have mapped the environmental impact of reusable products vs single-use products. Due to reprocessing consumption, the indication is that reusable endoscopes are associated with the same or a higher level of material and energy consumption, CO<sub>2</sub> emissions and resource consumption as our single-use scopes.<sup>1</sup>



1. Davis NF, et al. Carbon Footprint in Flexible Ureteroscopy: A Comparative Study on the Environmental Impact of Reusable and Single-Use Ureteroscopes. 2018 Feb 21. Sørensen, Birgitte, Comparative Study on Environmental Impacts of Reusable and Single-Use Bronchoscopes, AJEP, 2018, 7(4), 55-62

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