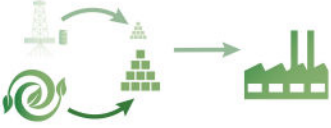
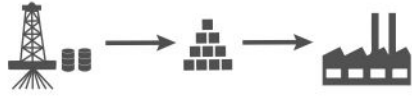









# Procedure Kit Packaging Trays Environmental Footprint Product Comparison



	Bio-based	Plastic
Production	<p>100% renewable bio-based material*</p> <p>Reduces CO<sub>2</sub>e by over 55%<sup>1</sup></p> <p>90% plastic reduction by weight<sup>1</sup></p> <p>Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC.<sup>1</sup></p> <p>PFAS free*</p> 	<p>Requires greater amount of petroleum (a non-renewable resource), energy and chemicals in production</p> <p>At least 148 chemicals are present in plastic or used in manufacturing and have been identified as highly hazardous to human health and the environment<sup>2</sup></p> 
Use & Disposal	<p>Can be recycled with paper.</p> <p>More than one ton of plastic waste can be eliminated for every 20,000 large polystyrene packaging trays.**</p> 	<p>Trays are disposed of in municipal waste or in regulated medical waste depending on level of contamination.</p> <p>Globally, annual use of plastics in healthcare was recently estimated at 15 million tons.<sup>3</sup></p> 
End of Life	<p>Can enter the circular economy through recycling.</p>  <p>If landfilled, bio-based material can biodegrade; rate dependent on disposal conditions.</p> 	<p>Plastic and associated toxins end up in our air, farmland, groundwater, and oceans, leading to negative impacts on all human health<sup>4</sup></p> <p>Plastics are projected to outpace coal by 2030 as a major source in driving climate change.<sup>5</sup></p> 

<sup>1</sup>When compared to a similar leading product made with plastic. \*Validated by third-party testing. \*\*NGS SCBI calculator <sup>2</sup><https://www.plasticpollutioncoalition.org> <sup>3</sup><https://iuk.ktn-uk.org> <sup>4</sup><https://www.unep.org> <sup>5</sup>EE News and GreenWire

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