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UNIVERSITY OF LISBON
INTERDISCIPLINARY STUDIES
ON SUSTAINABLE ENVIRONMENT AND SEAS

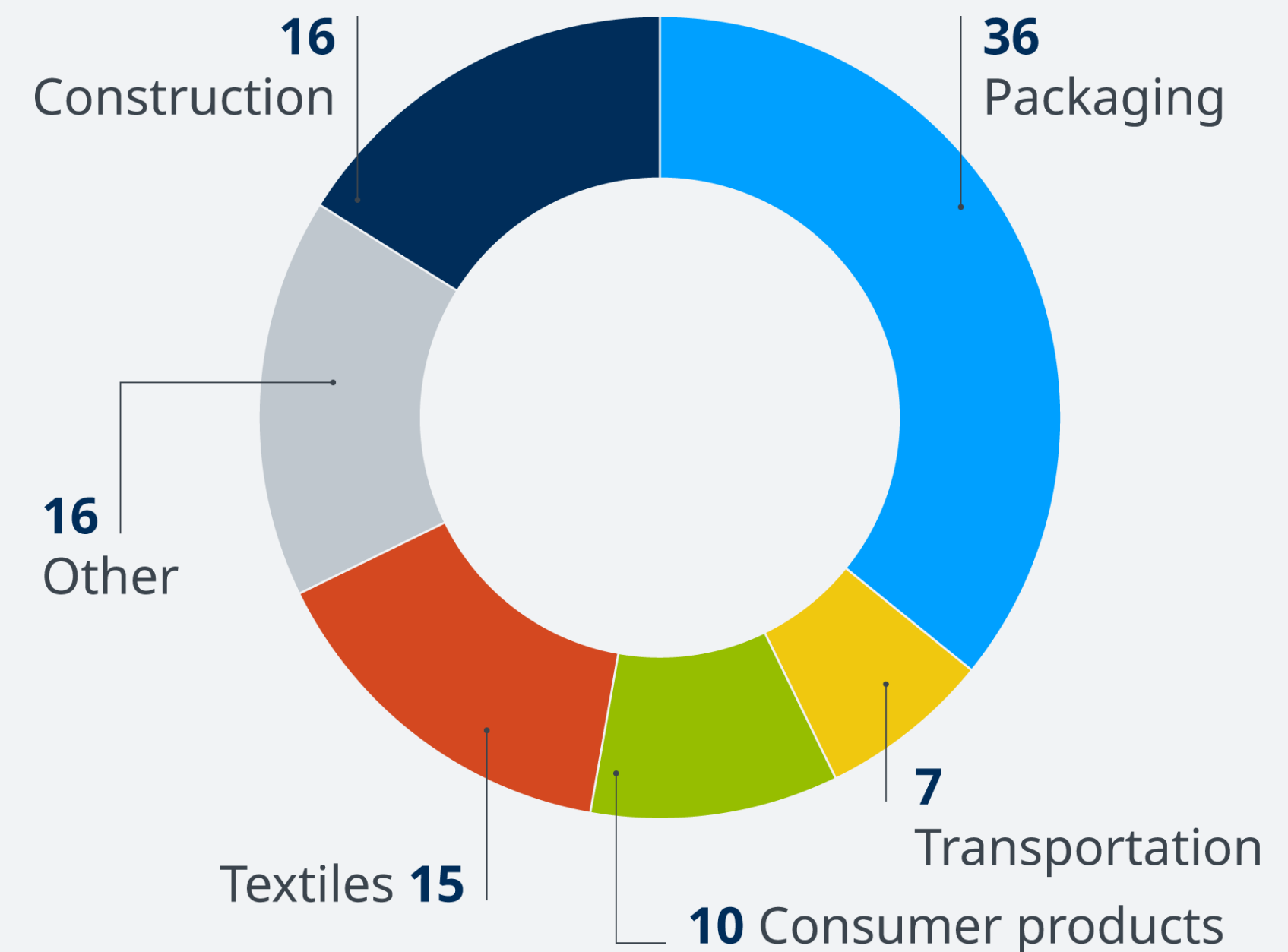


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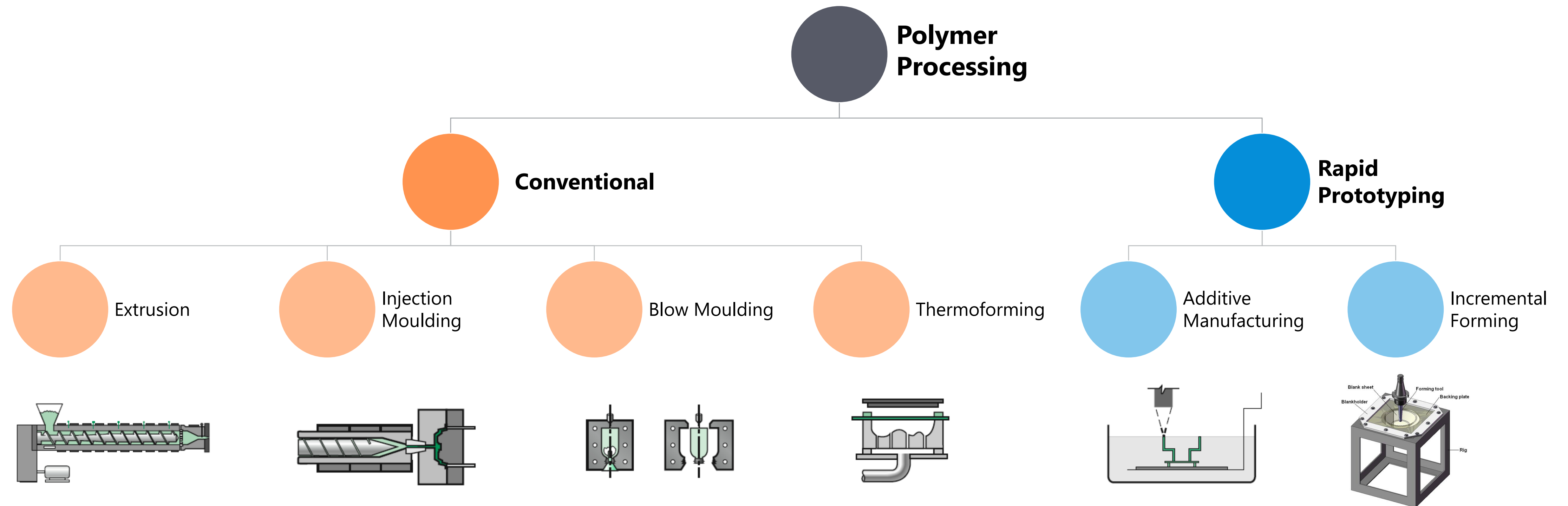
Polymers are the most common materials for producing end-use parts and products, for everything from consumer products to medical devices. Polymers are a versatile category of materials, lightweight, durable, strong for their weight and good insulators. But how are plastic parts made?

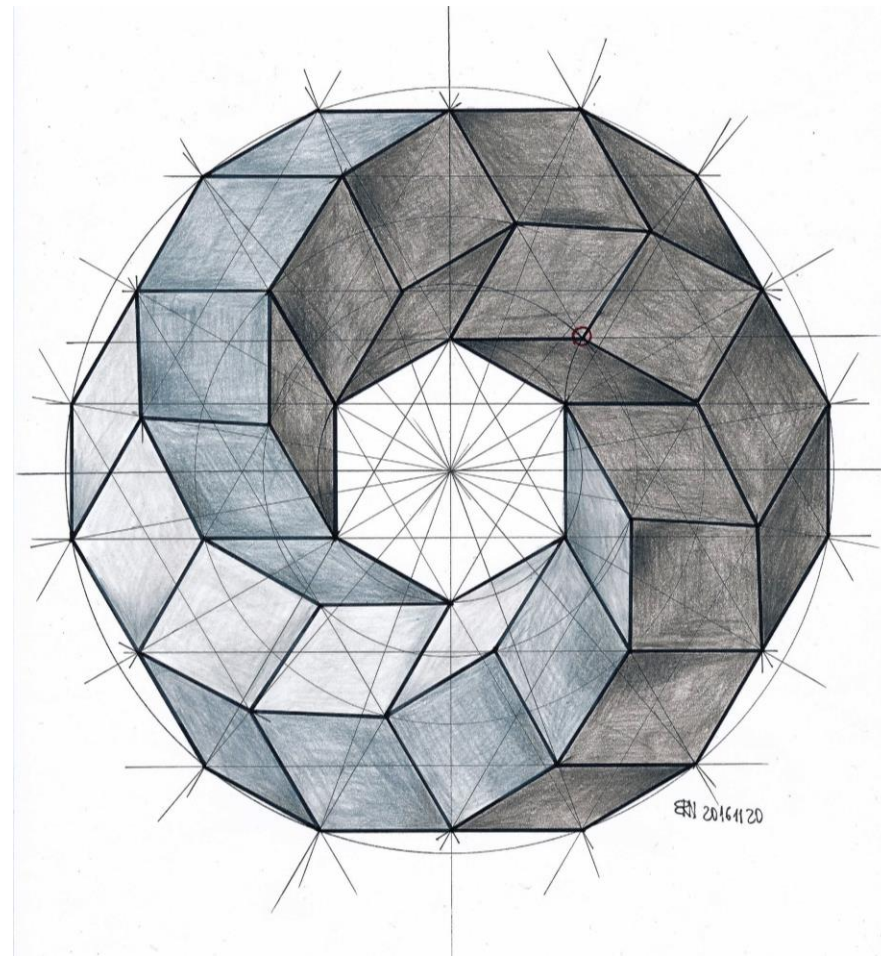
Estimated consumption of plastic by end-use sector



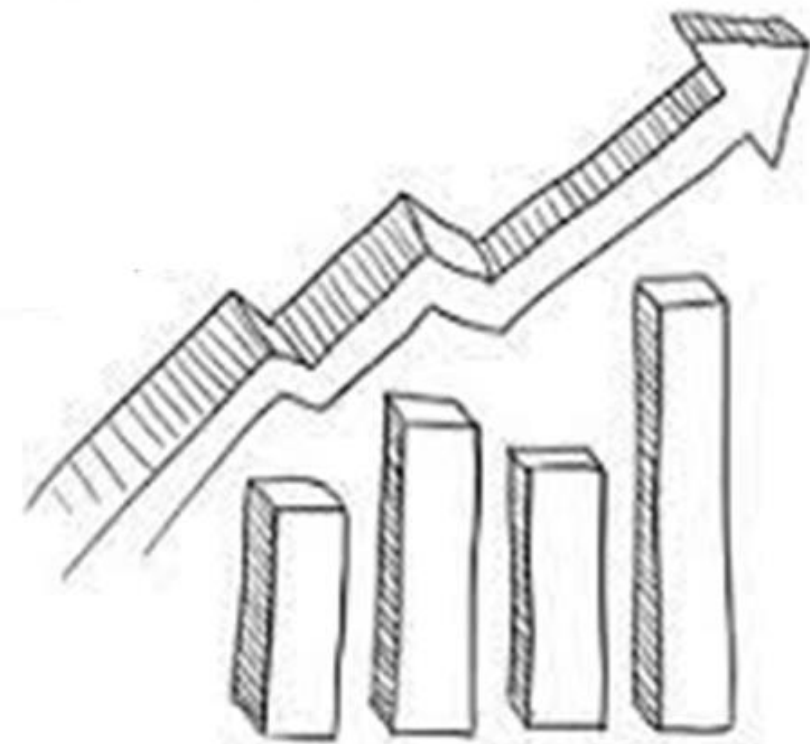
Source: R. Geyer, J. R. Jambeck and K. L. Law

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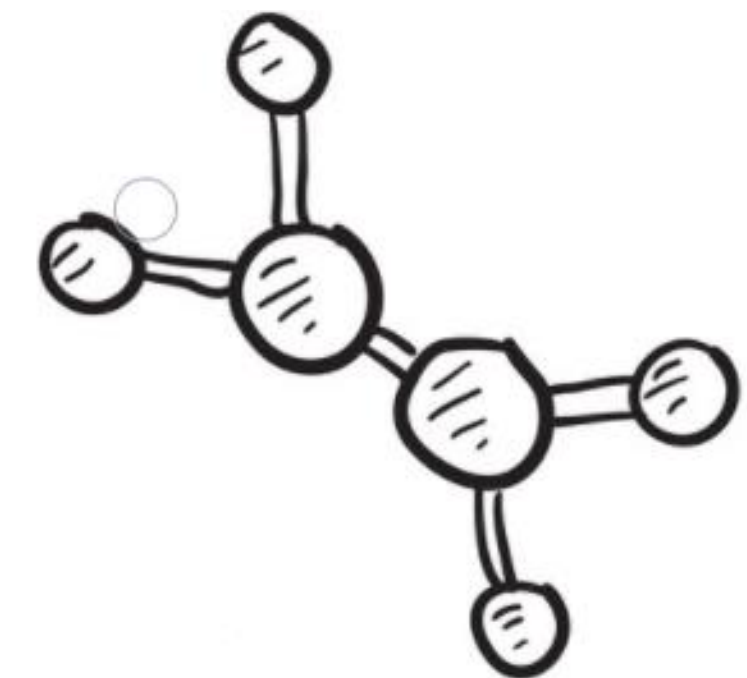
Form



Volume/cost



Lead time



Material

An underwater scene with a sea turtle swimming towards the left. The water is filled with various types of plastic waste, including bags, bottles, and a pink cap. Several fish are swimming around the turtle and the debris. The overall color palette is blue and teal.

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