

Recycling and Waste Management

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Waste Management in the circular economy with a nexes approach

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Circular economy systems retain the added value in products for as long as possible and eliminate waste.

They keep resources within the economy when a product has reached the end of its life so that they can be productively used again multiple times, hence, creating further various reasons for why we need a circular economy. Among them are increasing population and urbanisation, which are often accompanied by increasing demand on products and

services. When we consume more, there is also a higher rate of waste generation. By 2025 global solid waste volumes are projected to increase from 1.3 to 2.2 billion tonnes. Additionally, resource scarcity and the increasing difficulty to extract natural resources further drive the move from a linear to a circular economy. The paradigm shift means looking at wastes as resources and saving primary resources, altogether moving to circular flow schemes.

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