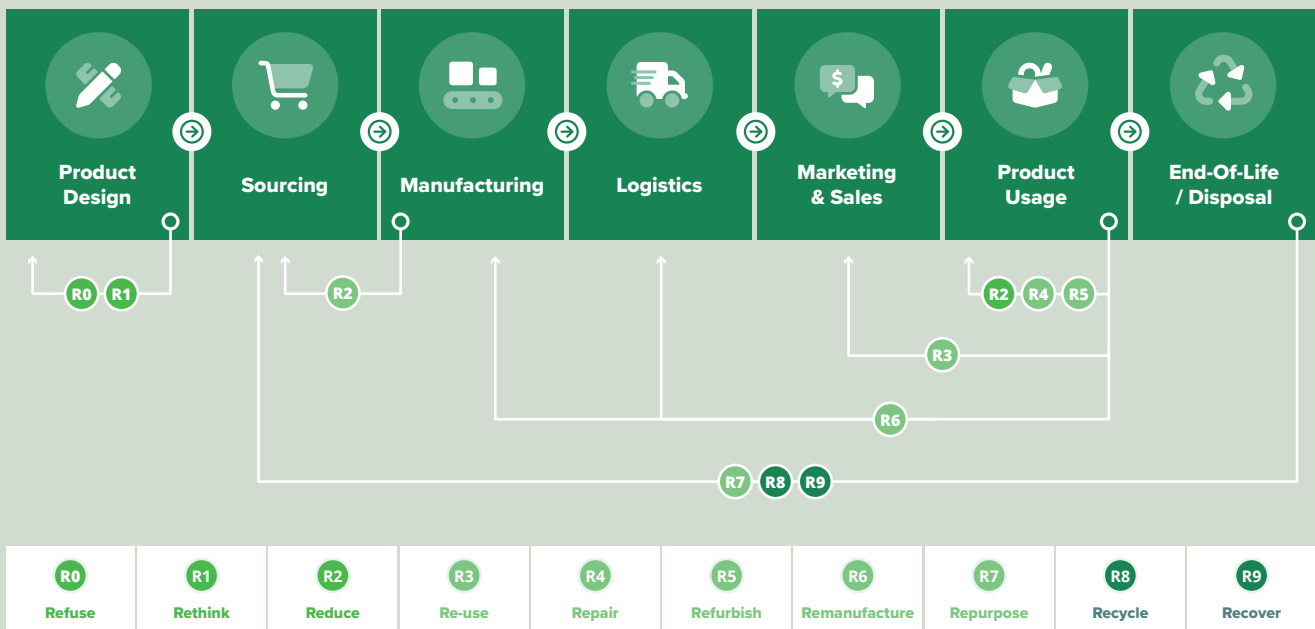


From Linear to Circular: Value chain

The circular value chain model is developed within FACET based on the 9R-strategies combined with the value chain developed by the SITRA Fund in Finland. This provides an attractive and fun working method for entrepreneurs to crystallize their ideas on paper and work together around these value chain models. At the same time, making sure the selected ideas have the 'circular' component in their DNA by using the 9R's.

The model serves to visualise the way a linear product or service value chain can become a circular value chain. The model guides the user to use one of the previously described R-strategies at each part of the value chain. As resources are kept within the value chain, the user of a product can become the supplier of the resources for a new circular product, which requires new collaborations and partnerships between businesses.



For more information visit www.facetwiki.eu

The example of reusable building blocks



Campsite the Paardekreek (NL) was able to apply the circular value chain model for components of their Dykesuites, eight circular accommodations. One key element was the use of reusable building blocks.



Product design

By rethinking conventional wall construction, the potential for reuse was already taken into account, producing modular concrete blocks.



Sourcing

When reused, there is no need for sourcing of virgin materials, manufacturing, only the logistics to dismantle and re-install.



Product usage

The blocks can be re-sold, re-used or repaired when damaged.



End of life

Due to external conditions one block could deteriorate or break during transport. However, one block can be easily replaced by another and this will not require having to build a new wall.

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