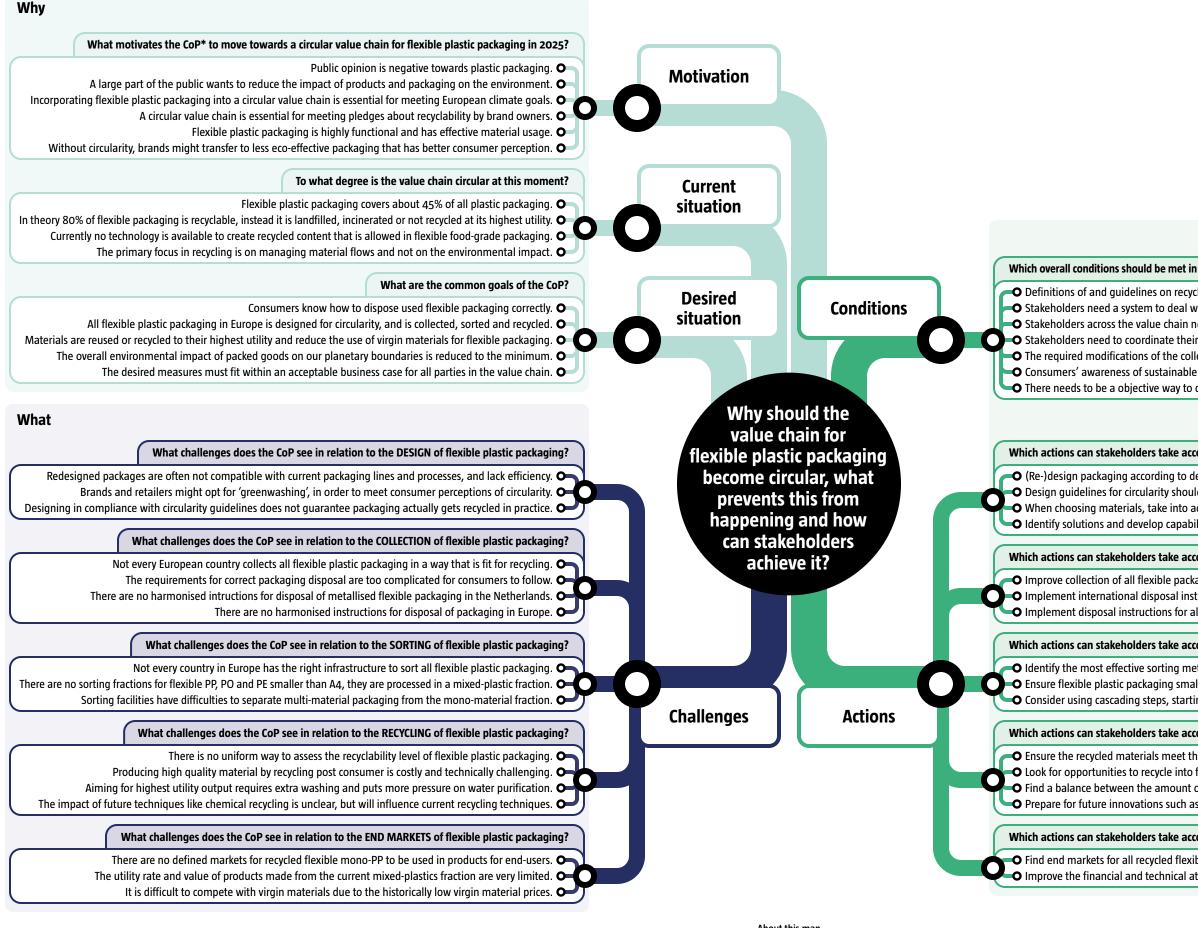
Information Map - Towards circular flexible plastic packaging in 2025



About this map

This Information map is based on literature and one thinking session with experts from the Community of Practice (CoP) lead by the Netherlands Institute for Sustainable Packaging (KIDV). The Community of Practice(*) wants to improve the dialogue between stakeholders on how to work towards a circular value chain for flexible plastic packaging. The primary focus in this roadmap is on the Dutch market situation. A circular economy is one that is restorative and regenerative by design and aims to keep products, components and materials at their highest utility and value at all times (MacArthur, 2015). Recyclability is regarded as an essential step towards a circular value chain, next to the elimination of packaging we do not need and the reuse of packaging. The value chain consists of brand owners and retailers, material producers, technology suppliers, waste collectors, sorters and recyclers, Extended Producer Responsibility Organizations (EPRs), governments, NGOs, knowledge institutes, and consumers.

commissioned by:

How

n order to tackle the challenges, and require coordination, according to the CoP?
rclability and circularity should be harmonised on a European level. with different regimes if one European approach is not realized. need to collaborate and invest in innovation of materials and processes. ir actions towards circularity within the overall circular value chain. llection, sorting and recycling infrastructure should be economically viable. e packaging needs to be improved. o compare the impact of available packaging materials.
cording to the CoP to improve DESIGN?
design guidelines from CEFLEX and/or RecyClass where possible. Ild be harmonized on a European level. account the future recyclability of mono-PE, mono-PP and PO fractions. bilities to collect, sort and recycle non mono-PE, mono-PP and PO fractions.
cording to the CoP to improve COLLECTION?
kaging for sorting and recycling. structions for consumers, suitable for local collection systems. all flexible packaging material, including metallised packaging.
cording to the CoP to improve SORTING?
ethod for all flexible plastic packaging material. aller that A4 also gets sorted for recycling at its highest utility. ting with the sorting of PO-flexibles and extracting mono-fractions out of it.
cording to the CoP to improve RECYCLING?
he specifications for the use at their highest utility and value. ofood-grade materials. of material to be recycled, and the utitlity and value of the recycled product. as chemical recycling.
cording to the CoP to improve END MARKETS?
ible packaging materials. attractiveness of recycled materials, so they compete with virgin materials.

