Fact bite #22

Reusable foodware and packaging

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Reusable foodware and packaging are repeatedly used for the same purpose for which they were originally created.

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Fact bite #22
Reuse

A minimum number of reuse cycles is needed to achieve the breakeven point that compensates for the impact of their production and use.

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Fact bite #22
Reuse

Greenhouse gas emissions associated with a reusable product are highly correlated with:

- **The energy and resource intensity required for its production and cleaning**
- **Its weight**
- **The mode and distance it is transported**
- **Its recyclability at the end-of-life**

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In addition to the water required for production, reusables need to be washed after each use. To minimize the water needed to operate a return-based reuse system, high-efficiency machines and reuse of washing water can help to minimize water use.

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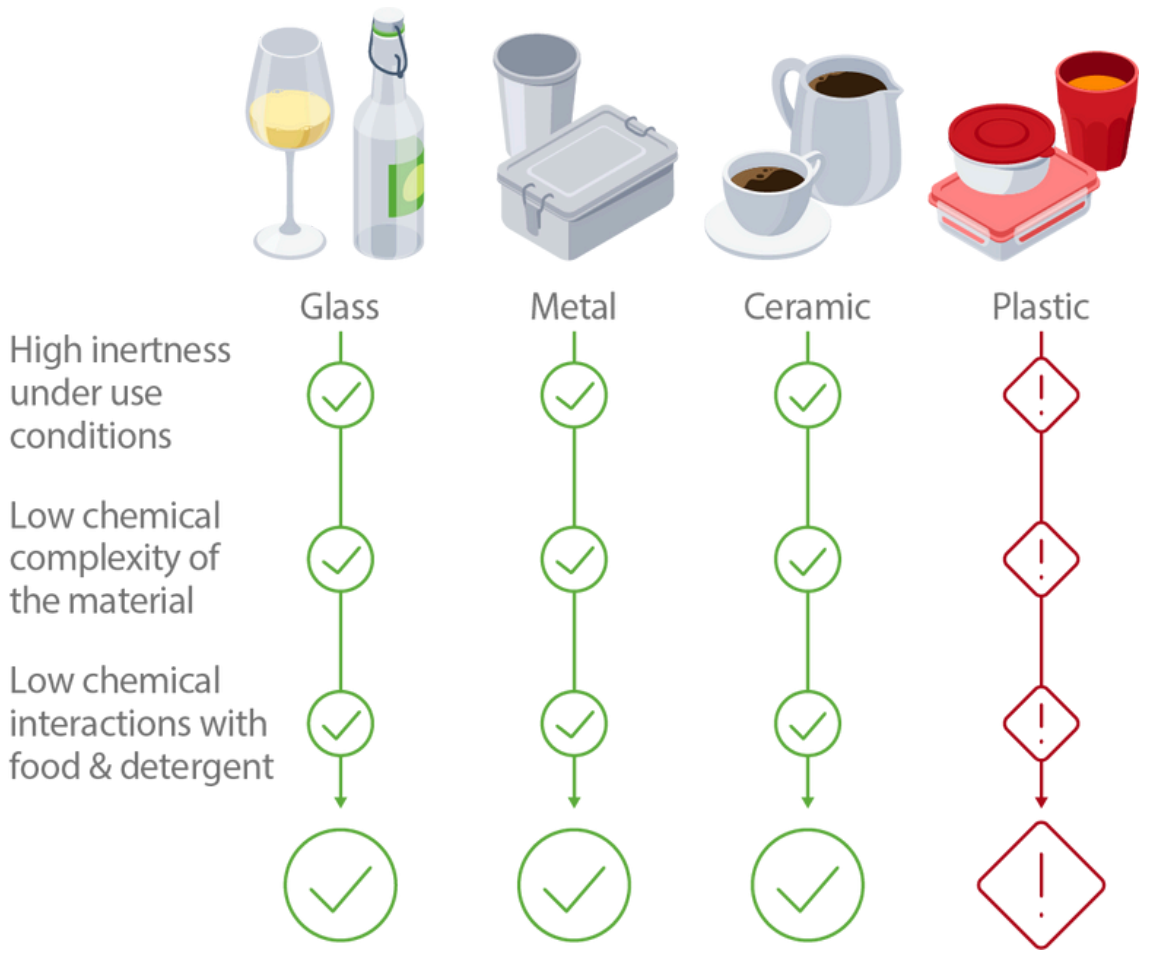
Fact bite #22
Reuse

Glass, metal, ceramics, and plastics are commonly used in reusable food packaging and foodware. Migration of chemicals into foods depends on the material's properties and its chemical complexity.



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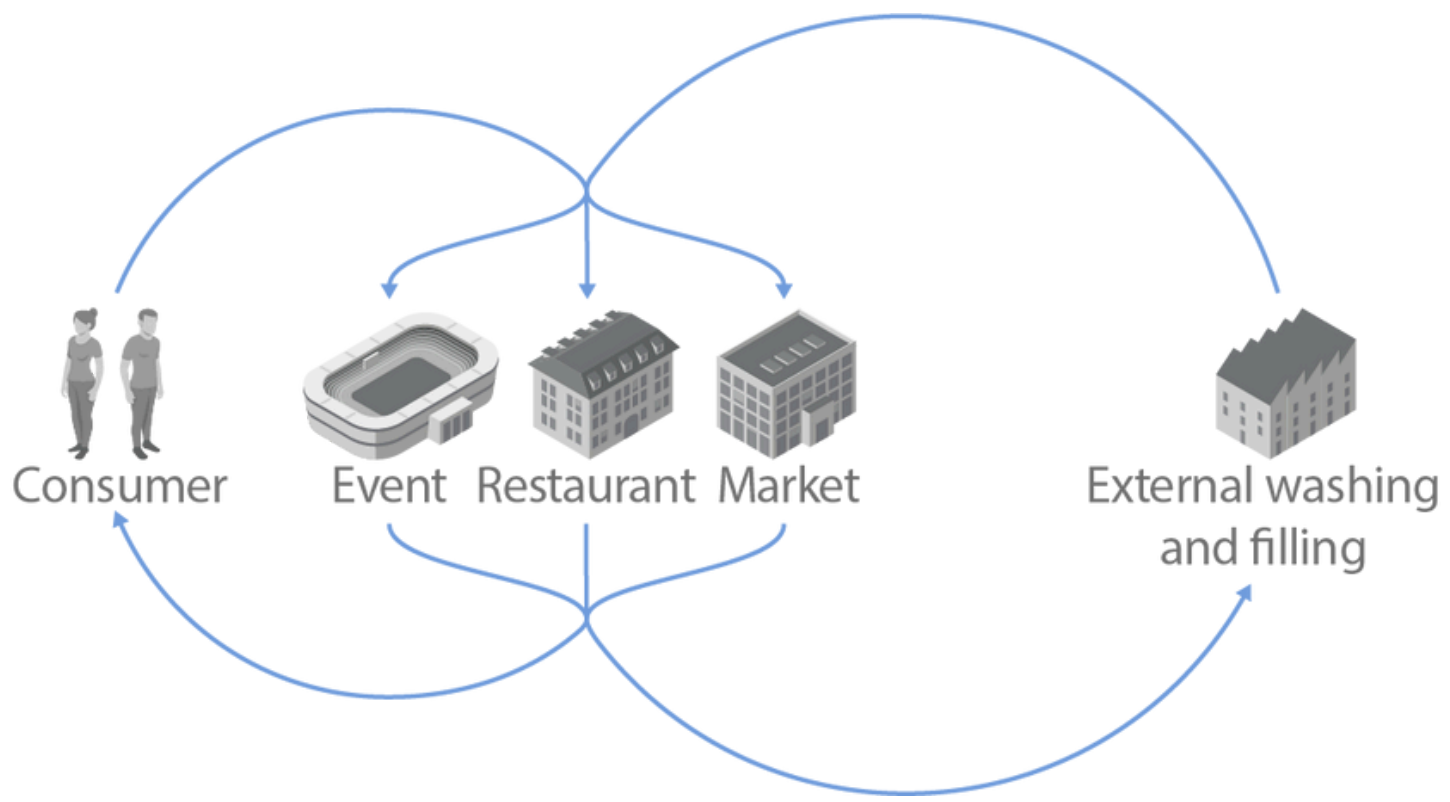
Fact bite #22
Reuse

Other points to consider for a transition to reuse besides sustainability and chemical safety are infrastructure, standardization, legality, as well as social and cultural aspects.



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