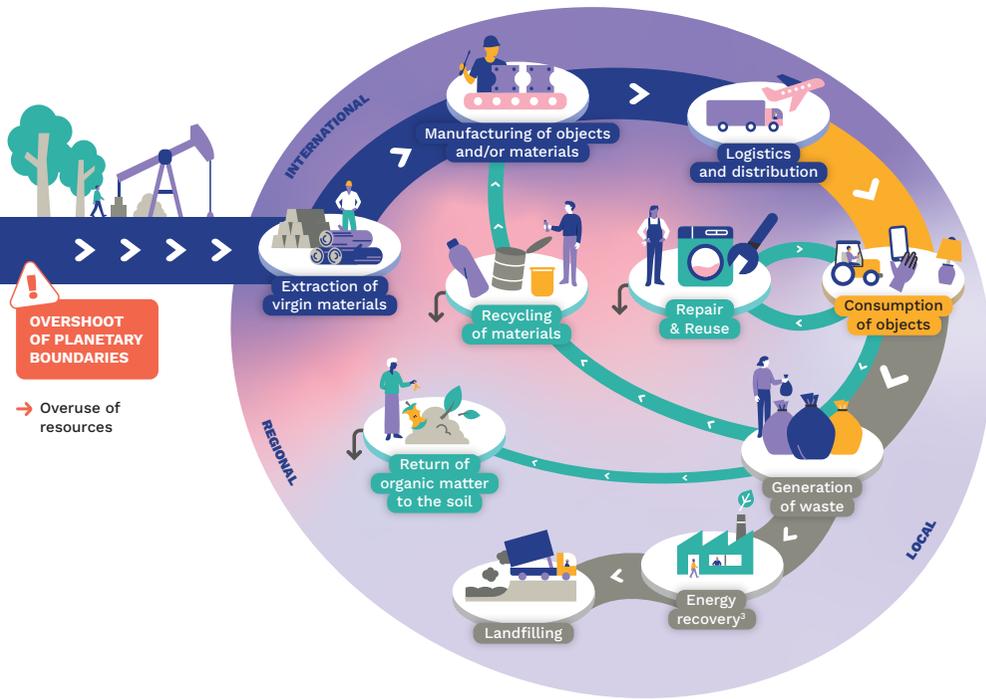
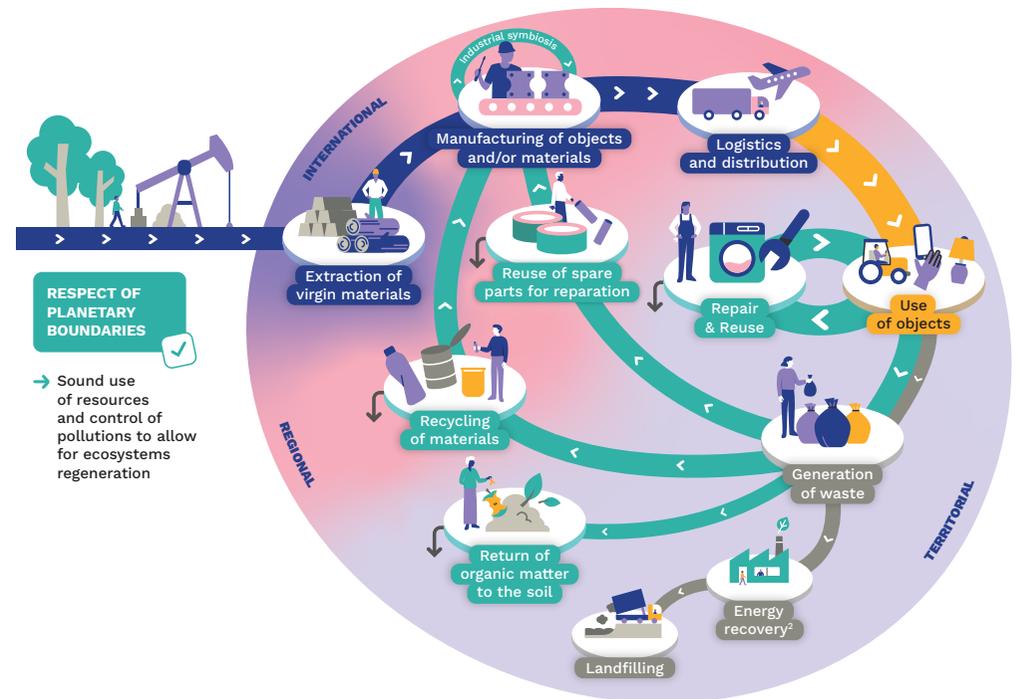


EVOLUTION OF PRODUCTION, CONSUMPTION AND USAGE MODELS FOR A CIRCULAR ECONOMY

Schematic representation of the current situation



Schematic representation of the 2050 horizon



Production systems¹: many products, not very durable or repairable, transported over long distances.

Consumption model¹: the consumer purchases many goods and few services; the producer or seller does not retain ownership of the product.

Circular activities¹: economy of reuse and repair, supported by the SSE² and mostly subsidised.

Modes of production¹: fewer products, highly durable and repairable, better designed, transported less.

Consumption model¹: functionality and sharing economy; the producer (or lessor) remains the owner of the product and/or responsible for its end of life.

Circular activities¹: economic viability of reuse, repair, and other options.

LEGEND

FLOWS

➡➡➡ Linear supply chain
➡➡➡ Consumption

➡➡➡ Circular economy
➡➡➡ Waste, end-of-life
↩ Rejects

SCALES

International
Regional
Local

¹ISO 59004 presents and orders circular economy actions according to the life cycle (<https://pfd-fswp.fr/presentation-de-l-economie-circulaire-par-iso-anglais>), especially in the diagram on page 4 of the PDF 'EN Presentation'.

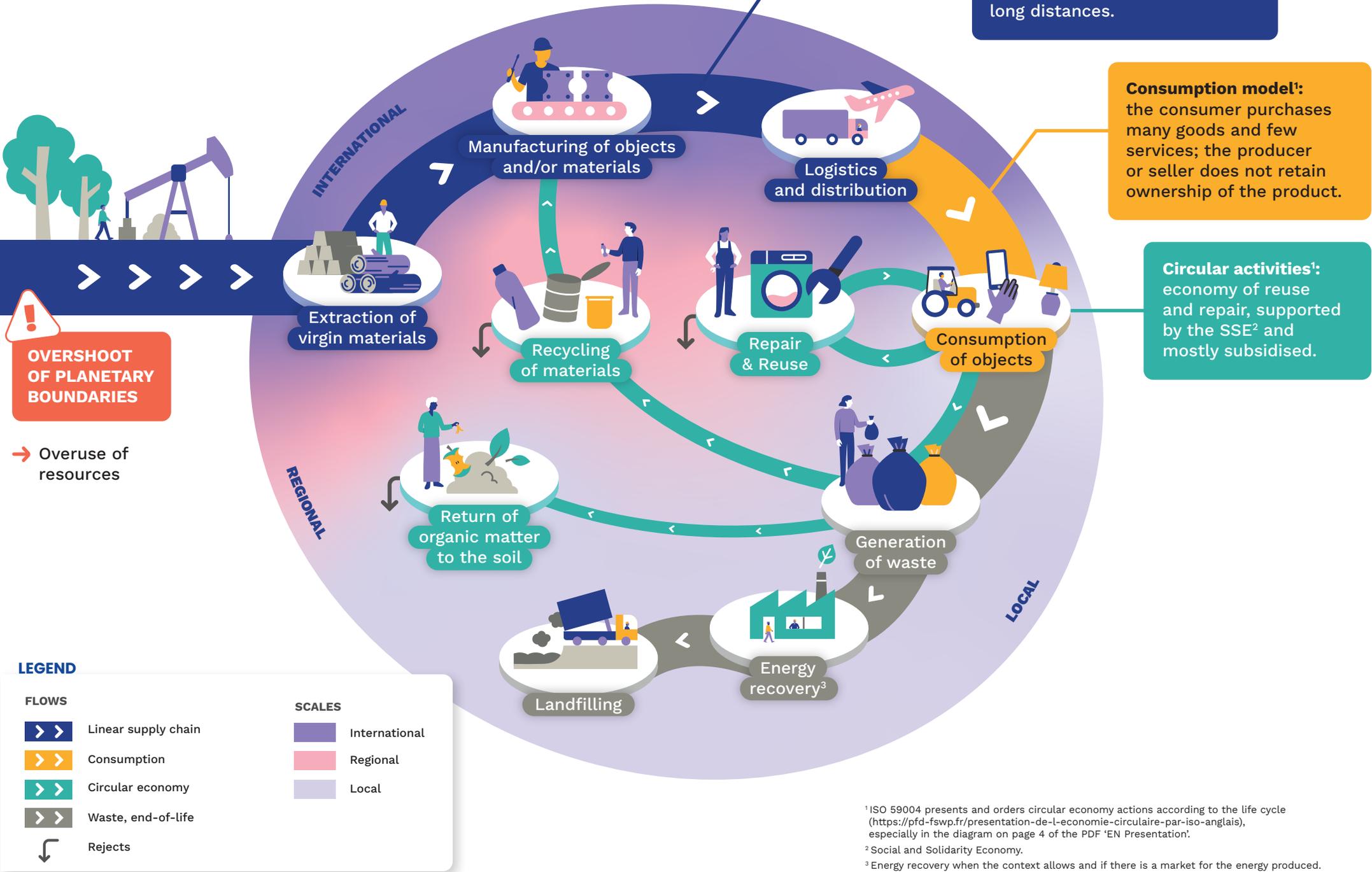
² Social and Solidarity Economy.

³ Energy recovery when the context allows and if there is a market for the energy produced.

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Schematic representation of the current situation

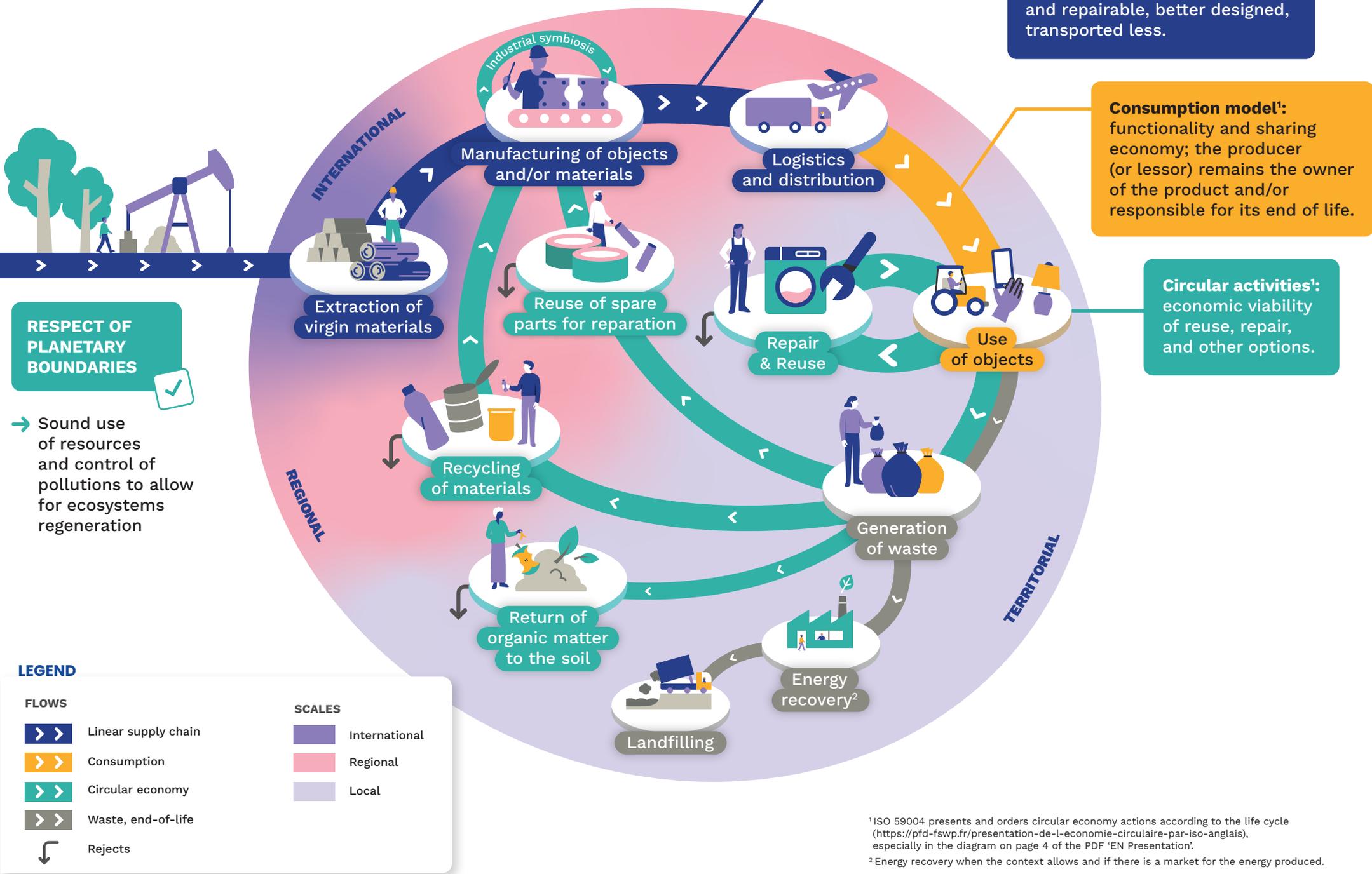


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