

SOSX Circularity

Will your loop actually close?

The whole life cycle. Every system it touches.

WHAT SYSTEMS THINKING IS

Systems thinking treats a product's life cycle as a loop: stocks of material, flows between the people who handle it, and the energy, water, transport and rules around it. A loop fails at its weakest link, not its average.



HOW SOSX HELPS

Research

Agents watch suppliers, reproprocessors and rules, every value sourced.

Build

The whole life cycle and the systems around it as one typed network.

Analyse

What-if-round the loop, choke points, target checks and feedback loops.

Report

Reports including a life cycle assessment for the product's network.

THE PROBLEMS IT SOLVES

“The loop looks closed on paper, but it leaks at one reprocessor.”

“We’ve signed a recycled-content target the supply side may not be able to meet.”

“One take-back route carries everything, and we’d hear it had failed months late.”

“We can’t evidence the circular claims we make.”

KEPT CURRENT



Scheduled agents watch suppliers, reprocessors and rules, and warn whoever owns the target when something moves.

AN ILLUSTRATIVE EXAMPLE

An office chair with a take-back scheme: the reprocessor cuts its intake, and the model shows returns stockpiling and the recycled-content target slipping, in time to line up a second one.

SCAN FOR THE FREE TOOLKIT

**Get the free systems-thinking toolkit for
SOSX Circularity**

sosx.ai/toolkits/circular-economy

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