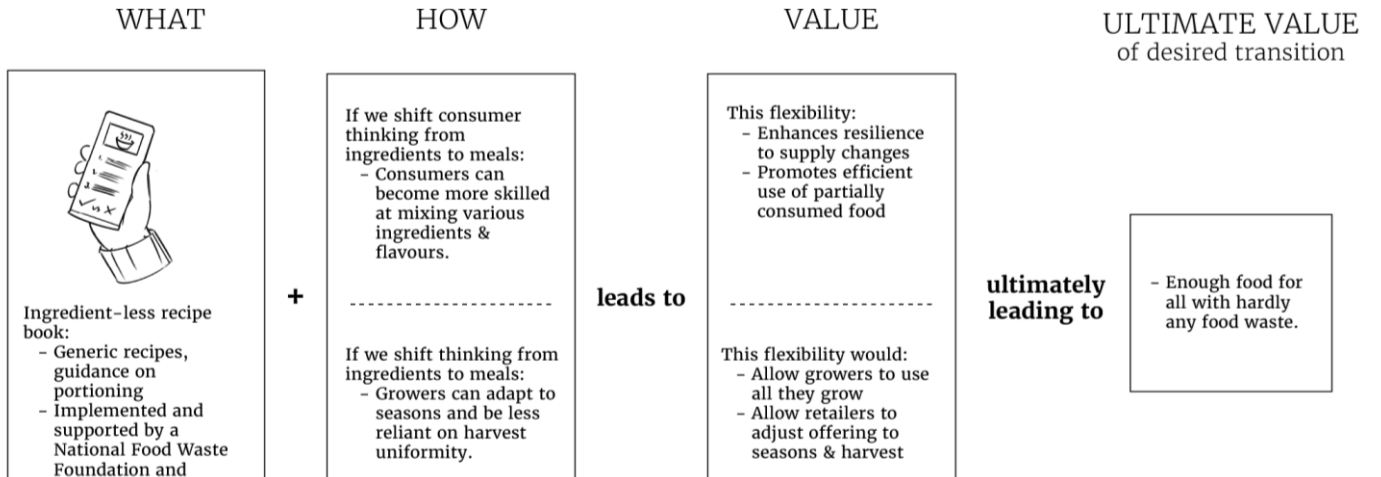


Food Waste | From Excess to Enough



Framing Across System Scales and Timeframes: supporting designers in reasoning toward transition.

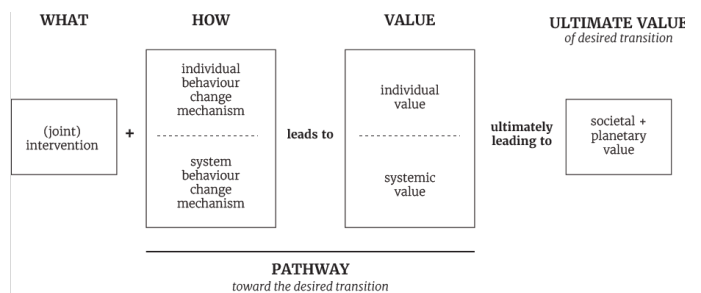
Designers are increasingly driving societal transitions towards more sustainable futures through transition design. Transition design involves creating interventions that influence behaviours and broader system changes for long-term systemic change. However, understanding processes leading to effective interventions is not well established.

This paper presents two studies exploring how a transition design rationale supports designers in designing interventions that foster desired transitions. The first study analysed FETE's innovation process, where designers applied a tailored transition design logical framework to strengthen the design of seven intervention proposals. The second study involved workshops where design students and practitioners applied the framework to design interventions for challenges they were working on (e.g., designing for net-zero households in the Dutch energy transition).

We found that the logical framework supports innovation by providing a structured approach to addressing the

complexities of transition challenges. It guides designers through defining societal and planetary values and identifying pathways to achieve them. It emphasises understanding and influencing behaviour at individual and system levels, recognising that changes in daily practices can drive broader systems change. It also encourages designing multiple interventions to influence the system.

For example, offering consumers insights into their food waste empowers them to adjust provisioning to reduce waste (*individual behaviour and value*). This household-level data can drive targeted behaviour changes and guide communication and policies to decrease food waste (*system behaviour and systemic value*).



Source

Goss, H. M., de Koning, I.J.C., Tromp, N., & Schifferstein, H. N. J. (2024). Framing across system scales and timeframes: supporting designers in reasoning toward transition design interventions. *Relating Systems Thinking and Design (RSD13) 2024 Symposium, Oslo*.