

Business Catalysts for Industrial Scale Circular Economy Business

Business catalyst approach

The circular economy (CE) requires drastic changes in the current industrial scale business: redesigning products, services, processes, operations and business models to minimize waste and to extend the value of products and materials. This is facilitated by a spectrum of diverse business catalysts that initiate or enhance industrial scale CE technology and innovation business.

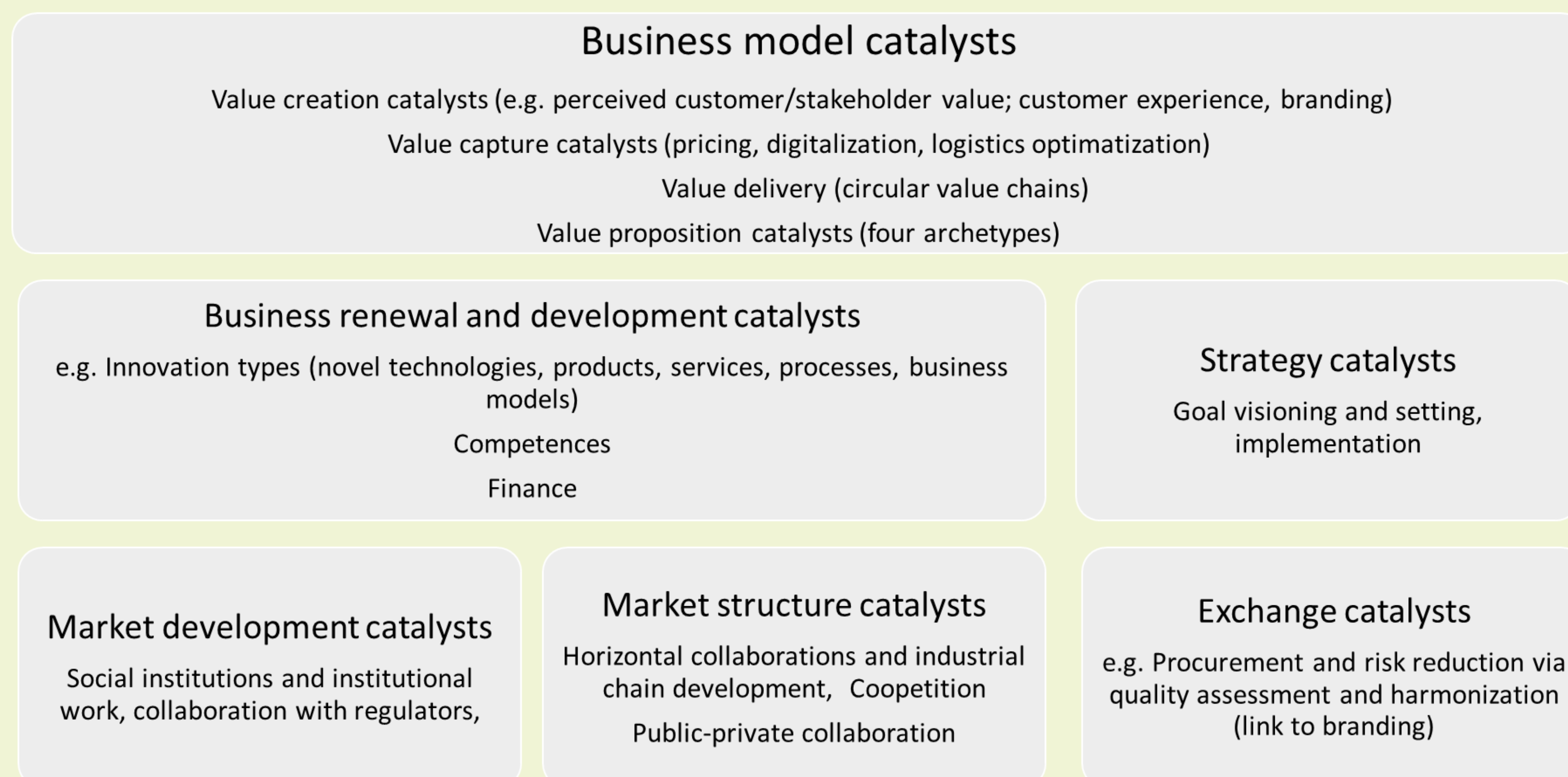
Theoretical background and methods

Theoretically, our study relies on CE business research discussing individual industrial companies' business models (Urbinati et al. 2018; Ranta et al. 2018, 2020) and their supply and value chains, networks, and ecosystems (Govindan 2018; Aarikka-Stenroos et al. 2021).

Empirically, we have conducted a set of multiple case studies among industrial companies creating and capturing value from CE principles (recycling, reusing, or reduction/sharing). From multiple data sources, including

- Interviews and group interviews
- Workshops and observation
- Secondary data, such as media documents concerning circular business by tens of industrial companies located in Finland, varying from medium-sized to large-sized, we identified business catalysts that enhance industrial scale CE business.

In this research poster, we will examine and display business catalysts from an industrial company's perspective (micro level) yet also including their industrial value chains and business ecosystems (meso and macro levels) and societal system (institutions) to our analysis.

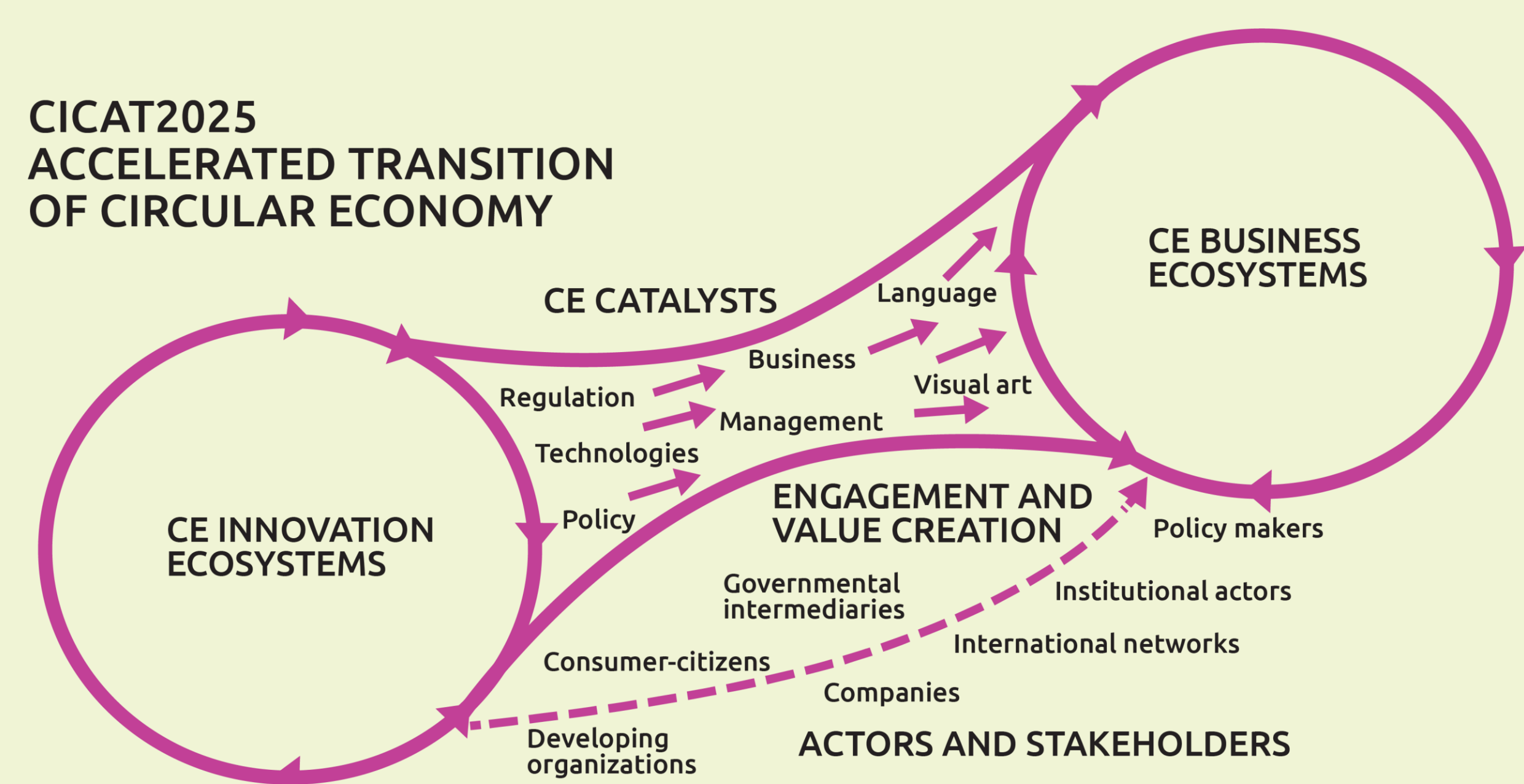


What is CICAT2025?

Circular Economy Catalysts: From Innovation to Business Ecosystems, CICAT2025 is a joint project of Finnish universities aiming to facilitate the transition from linear to circular economy.

CICAT2025 explores a wide range of circular economy catalysts that have the potential to accelerate the adoption of circular economy principles in society and markets. The project supports Finland's strategic objective to become a global leader in circular economy by 2025.

The consortium consists of:
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