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PAPERS | RSD10 | TOPIC: METHODS & METHODOLOGY | 05.11.2021

Towards Speculative Services for an inclusive society

Understanding the relationships between Systemic-, Service- and Speculative Design

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Introduction

Speculative Design

/ Speculative approach

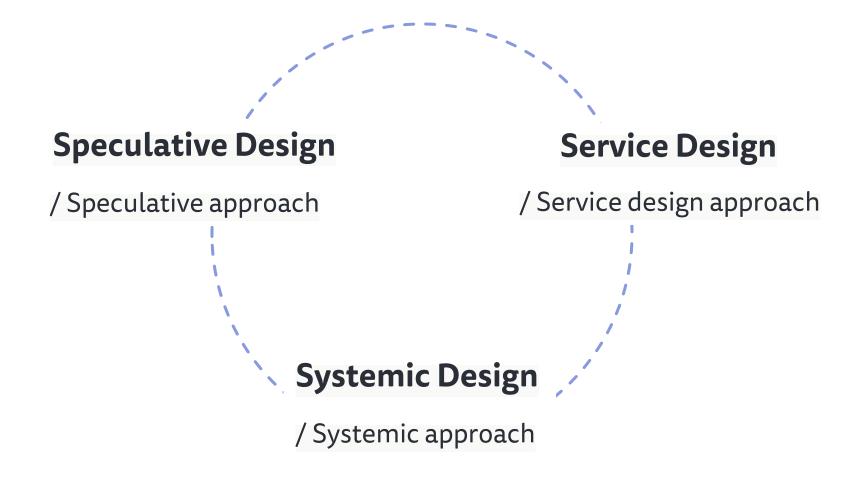
Systemic Design

/ Systemic approach

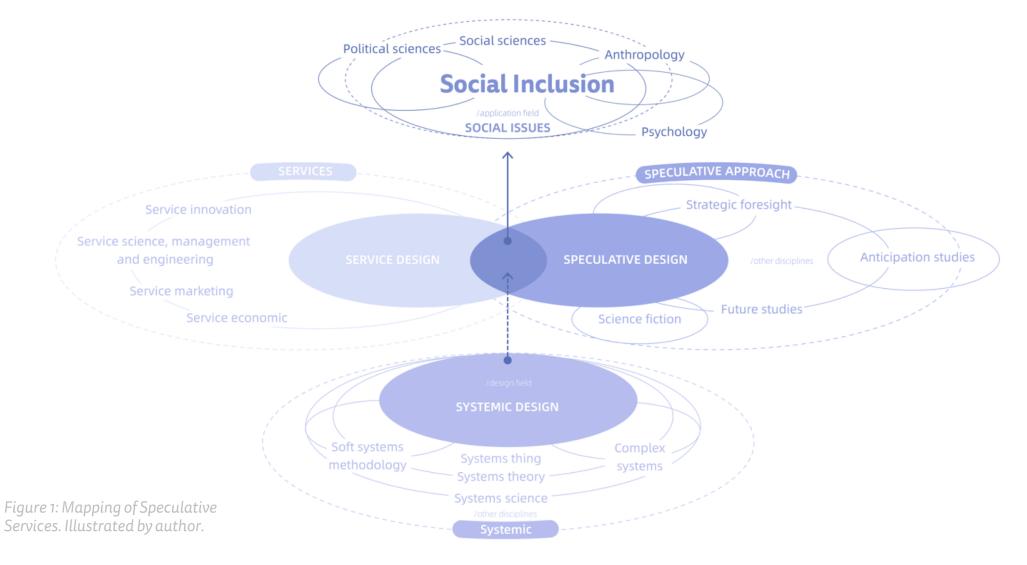
Service Design

/ Service design approach

Introduction



Towards Speculative Services for an inclusive society



Hypothesis

Speculative

Services

/ Speculative approach

/ Service innovation

/ Service design approach

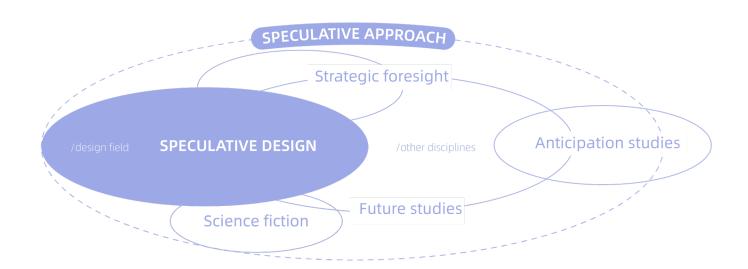
/ Systemic approach

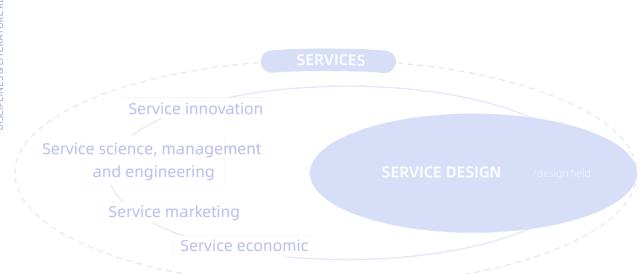
/ A conceptual design approach that **innovate services or systems** through **speculative approach**, **service design approach** and **systemic approach**.

Speculative Design (SPD)

SPD relies on imagination and aims to open a new perspective for the Wicked Problem, using design to create future innovation as a social dreaming approach.

By encouraging public debate about the social issues, this approach with an implicit "call to action" stimulates practical imagination and action by people to imagine and perform the change (Dunne & Raby, 2013; Hanna, 2019).

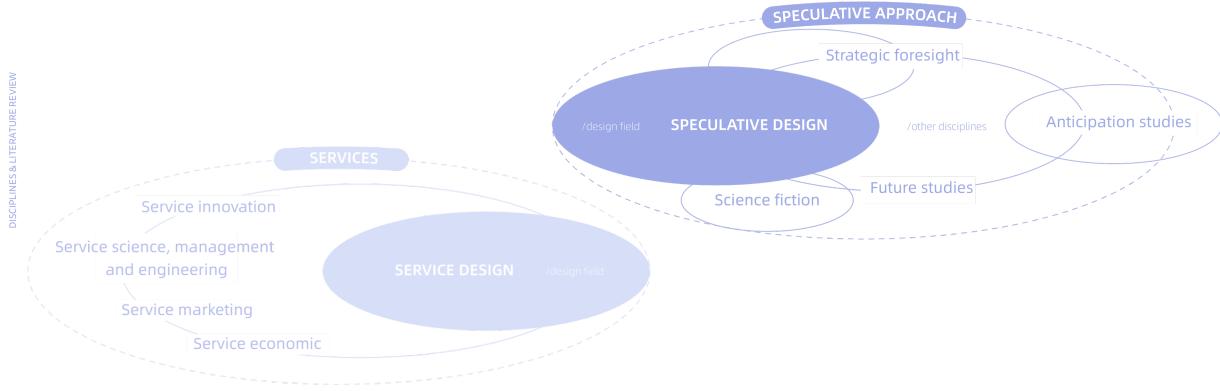


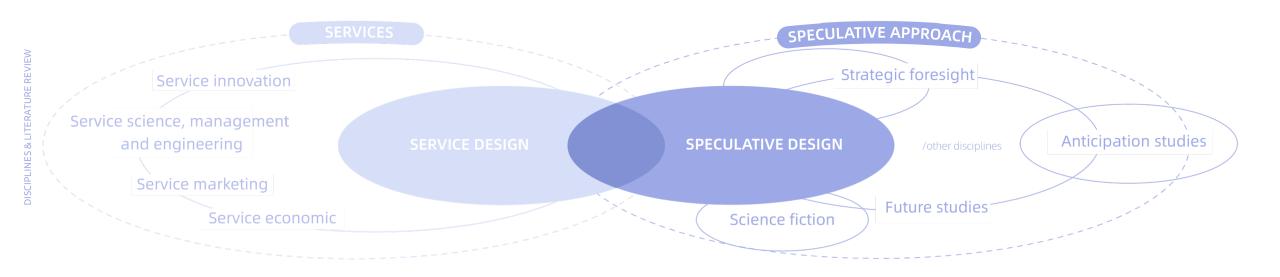


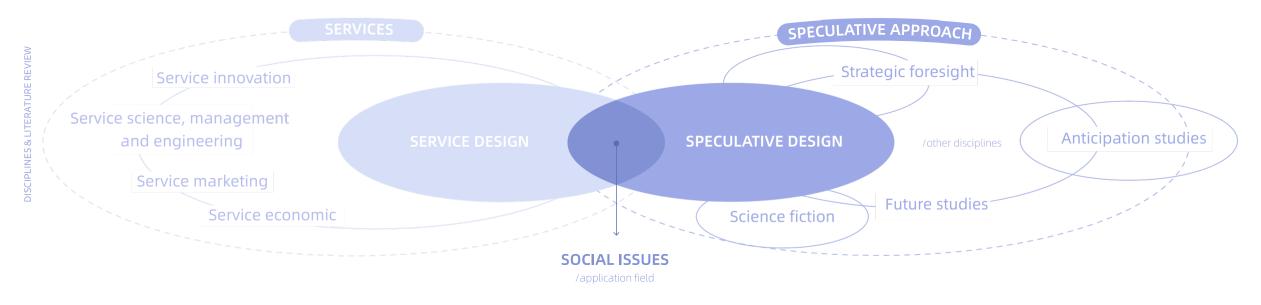
Service Design (SD)

A multidisciplinary approach that brings a human-centered, holistic perspective and methods with service systems thinking to design complex service systems (Yu, 2020). It also greatly increases the ways in which people can explore, express, and evaluate their current experiences and future lifestyles (Sanders & Stappers, 2014).

SD provides design activities and tools to facilitate interdisciplinary co-creation and participation at different levels and ranges to effectively achieve value co**creation** in dealing with **social issues** (Yang & Sung, 2016).

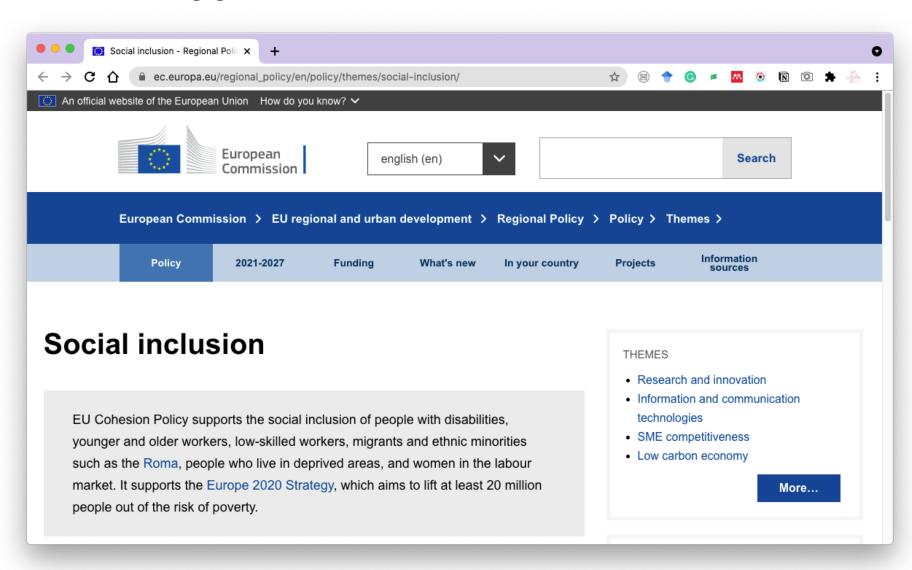


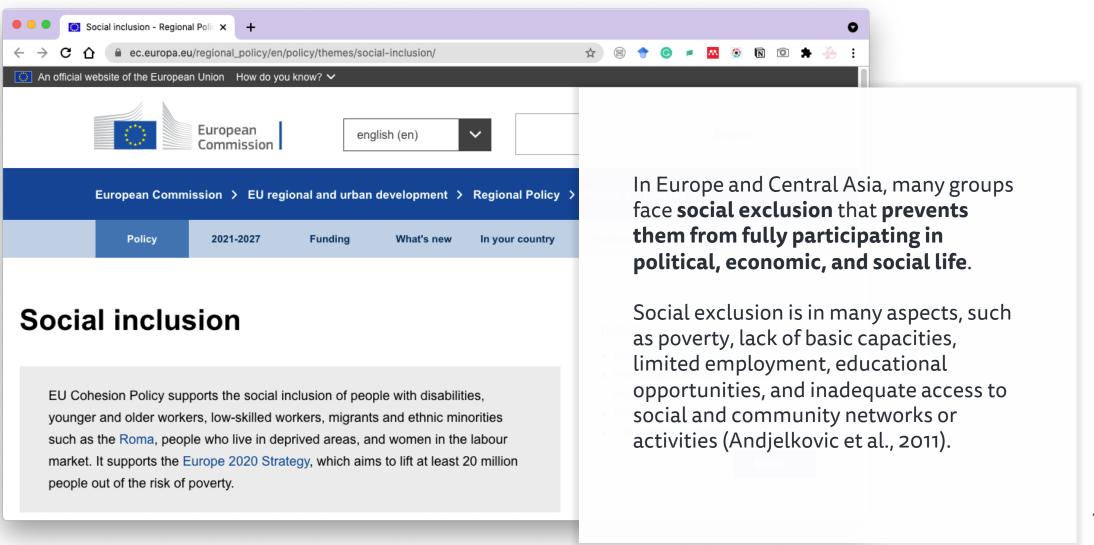


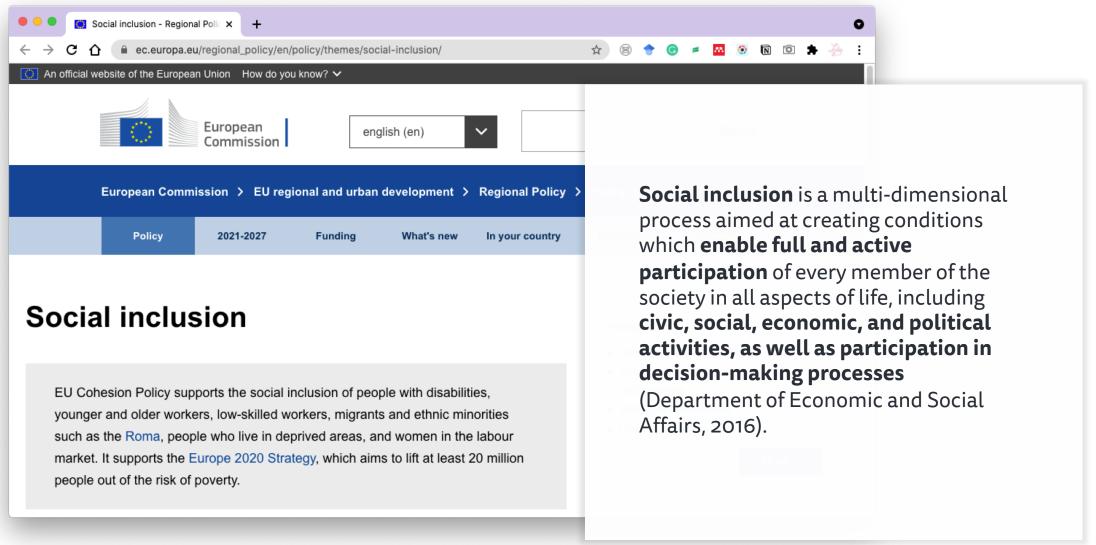


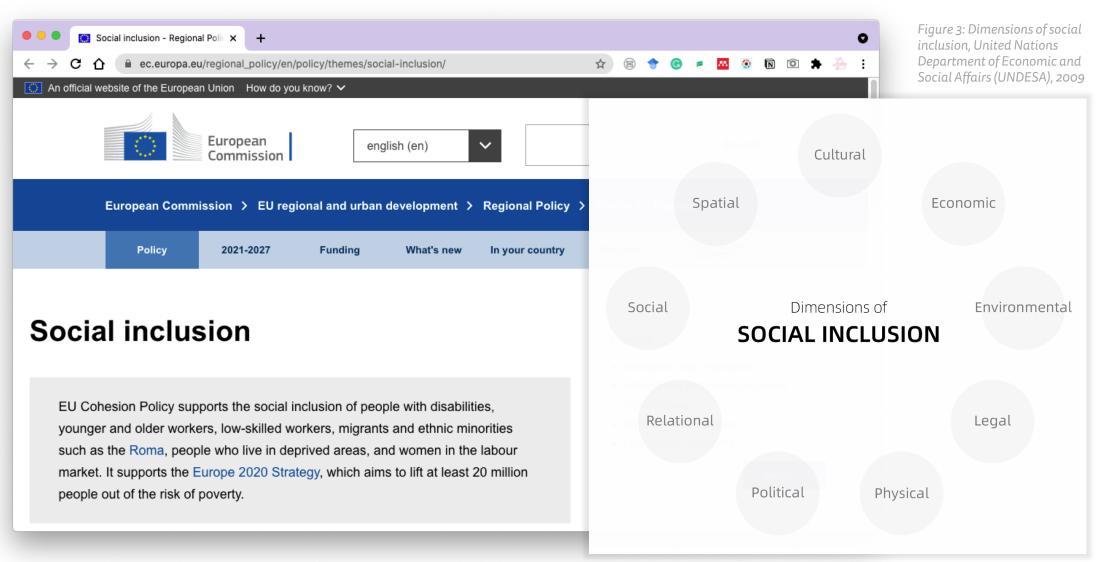
SD has been increasingly applied to cope with social problems and challenges over the past two decades (Yang & Sung, 2016).

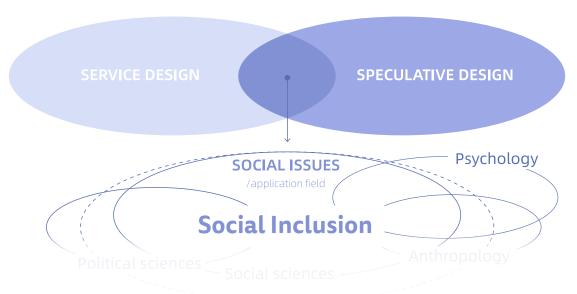
The speculative approach allows designers to re-think future products, services, systems, and the world through speculation and initiate debate to discuss social issues and foster social dreaming (Auger, 2013).



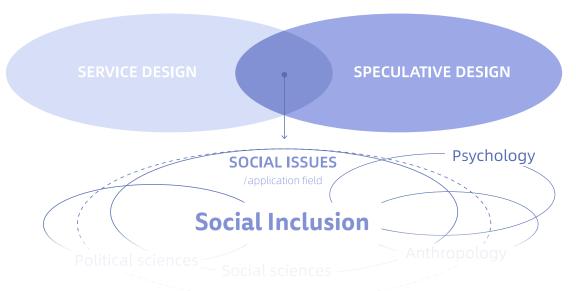








To achieve an inclusive society, designers must face **complex systems** and wicked problems **at different levels**, from the individual, community, organization to society level (Waddock et al., 2015).



Social transformation is a complex process to design for complex social situations, social systems, policymaking, and community design, and it needs to be worked on by multiple stakeholders (Jones, 2014).

Systemic perspective

Systemic Design (SYD)

Systems Oriented Design (SOD) (Sevaldson, 2009)

Systemic Design integrates **systems thinking and human-centered design** to help designers to shift their focus from single elements to the whole picture while considering actors within the system.

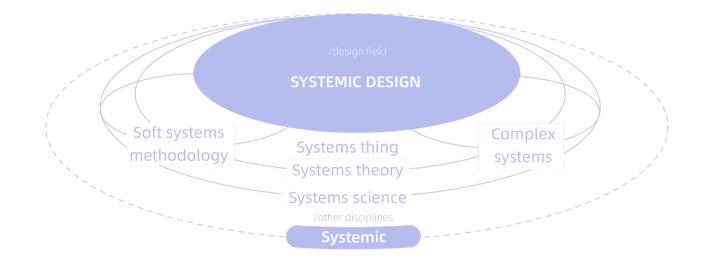
SYD approach is then appropriate to face **complex social transformation processes** (Jones, 2018).

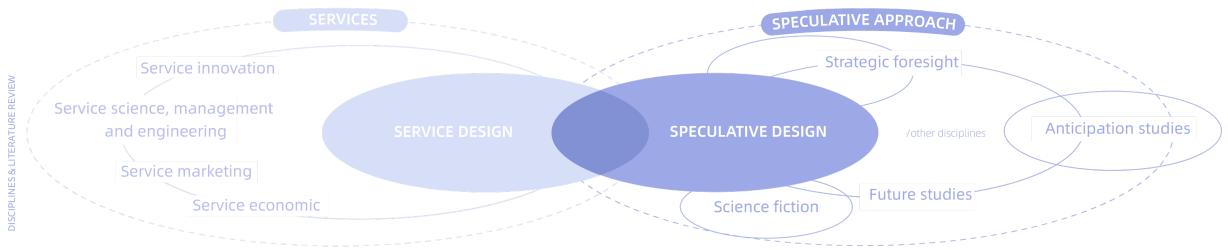
Systems science

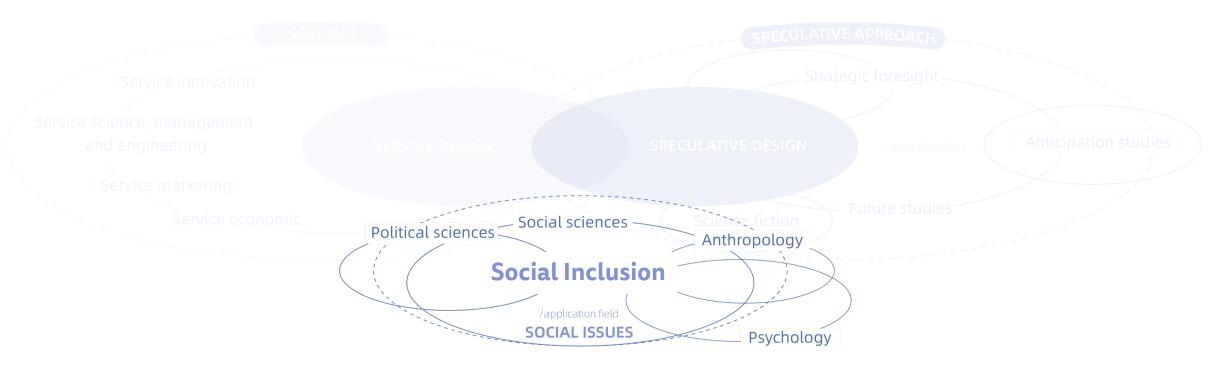
Systems Theory

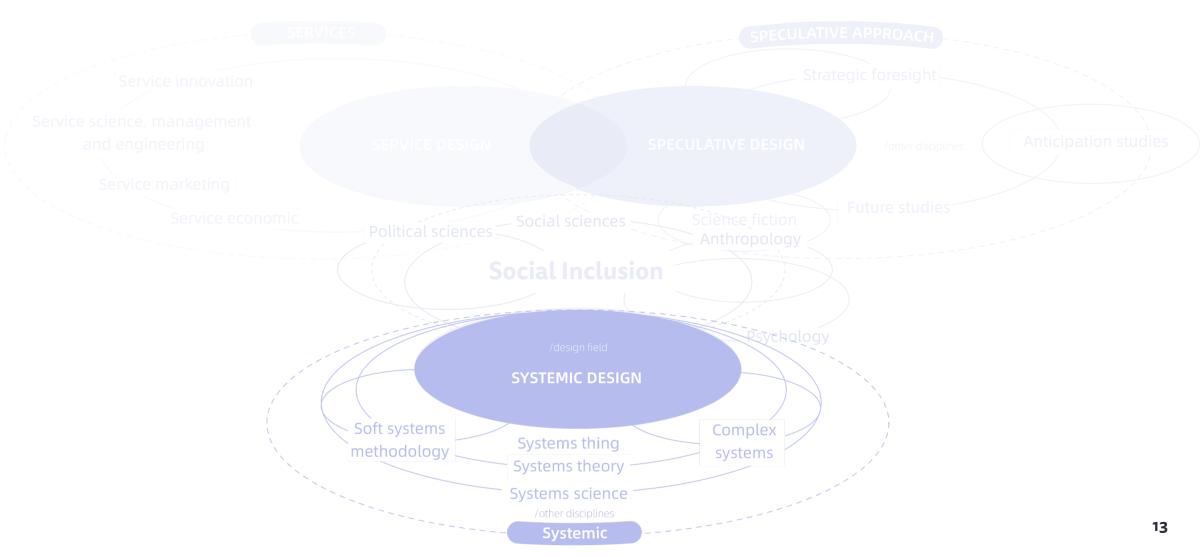
- Systems Thinking Systems Thinking for Social Change (Stroh, 2015)
- Complex Systems
 "Dancing with systems" (Meadows, n.d.)

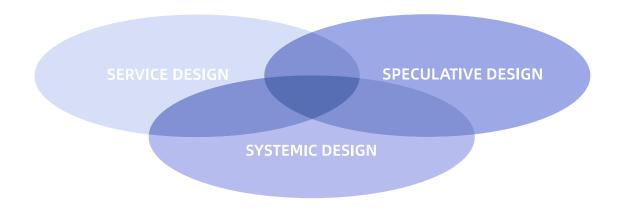
Systems Methodologies Soft systems methodology (SSM) (Checkland, 2000)

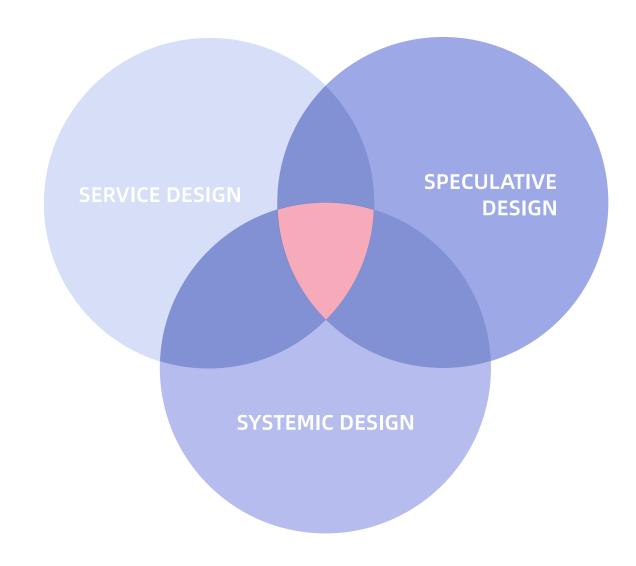


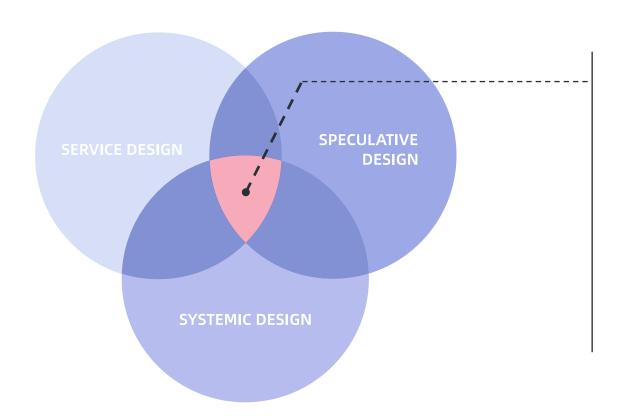




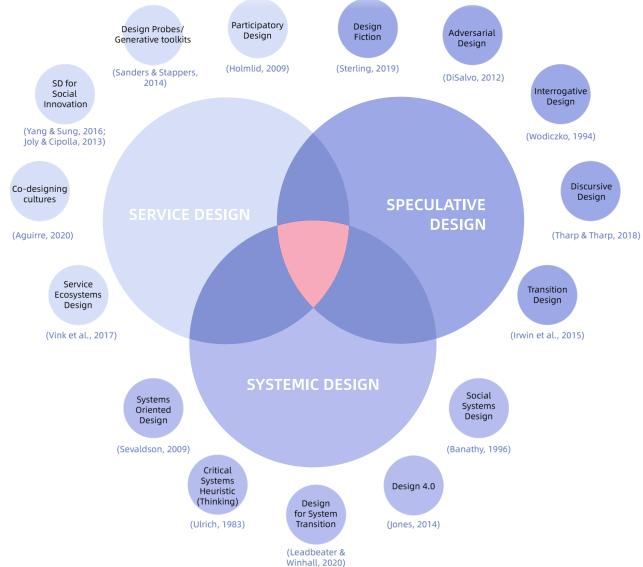


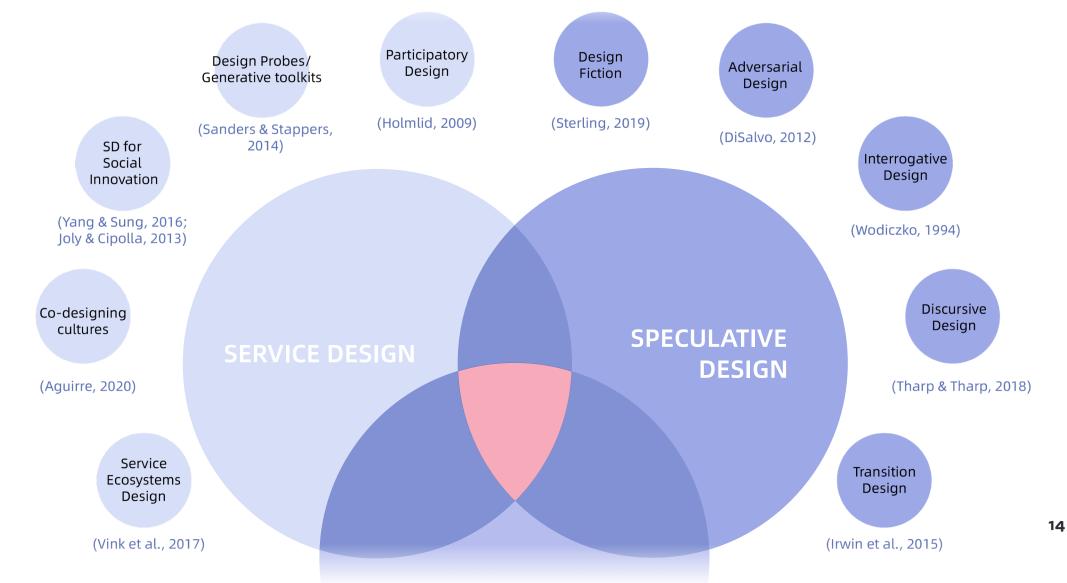


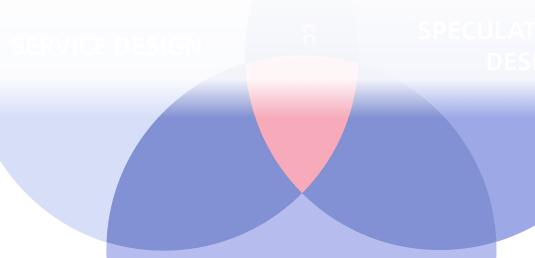


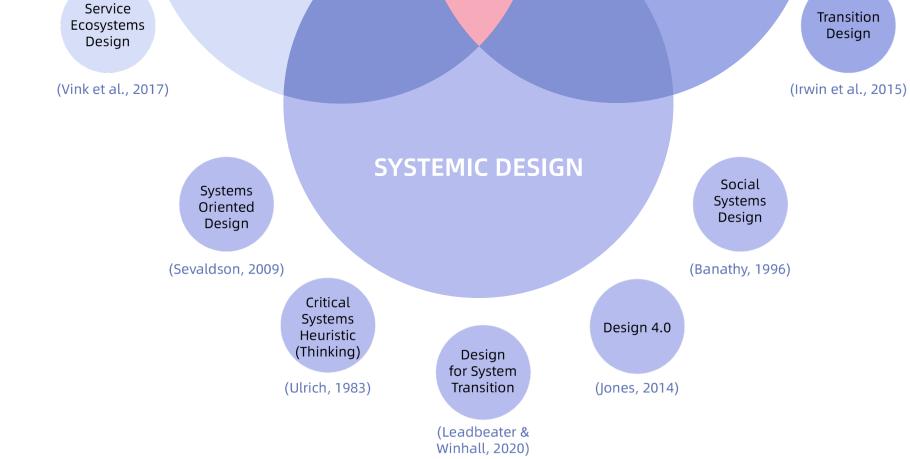


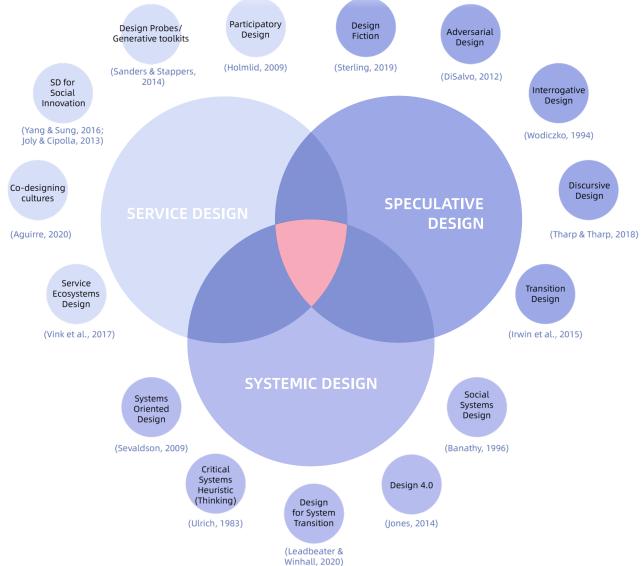
Exploring the potentiality of Speculative Services as an anticipatory design approach to support the systemic social transformation towards an inclusive society.

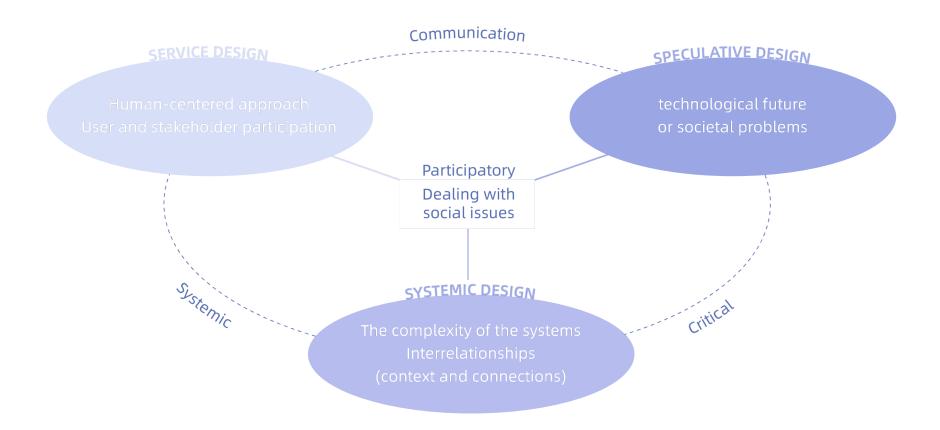


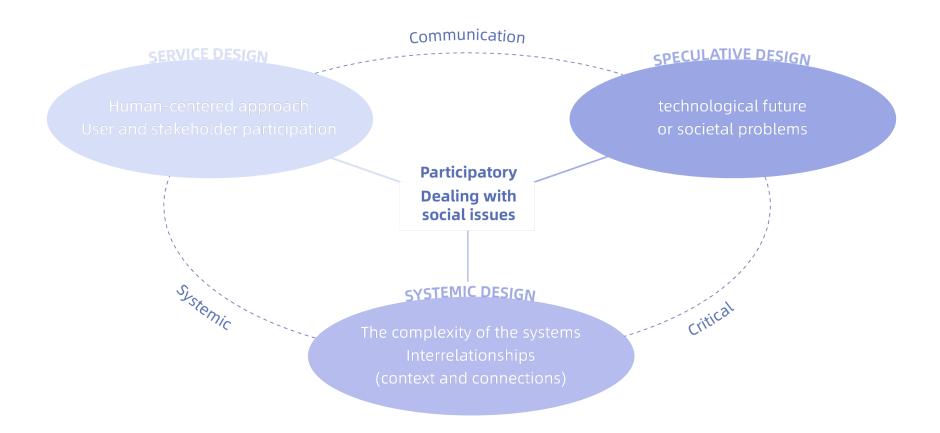


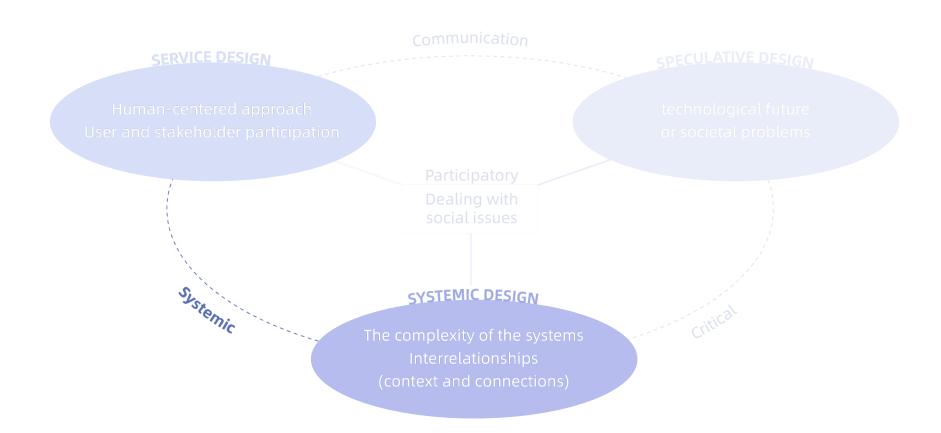


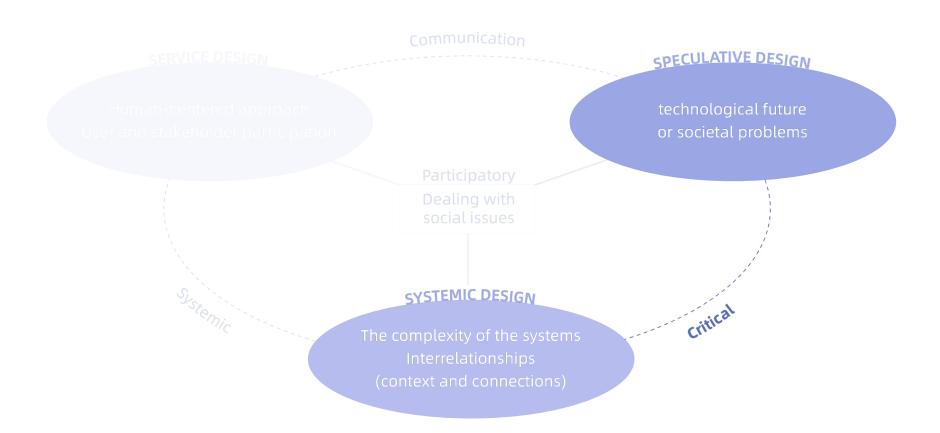


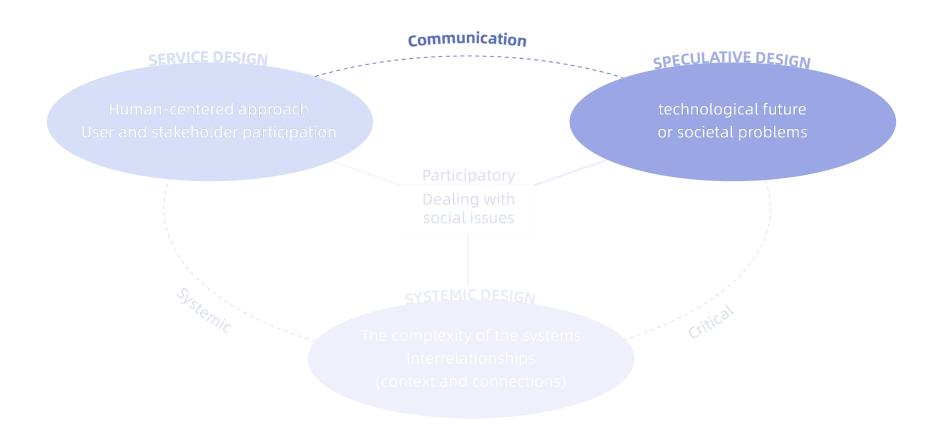


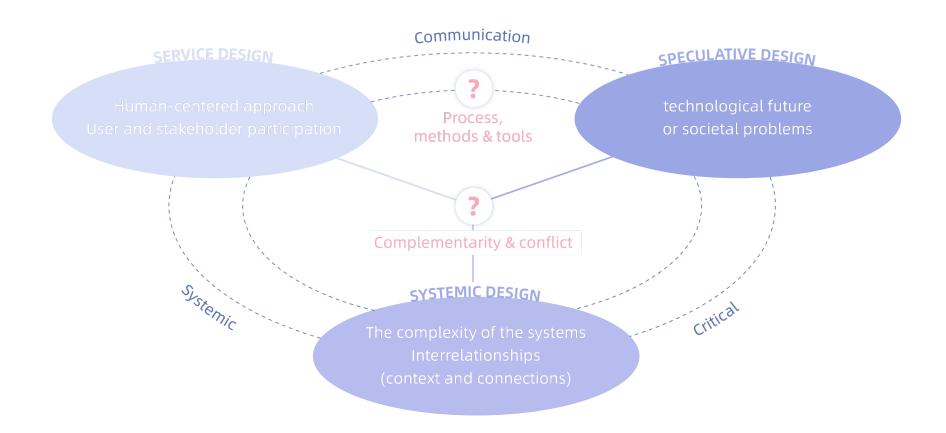












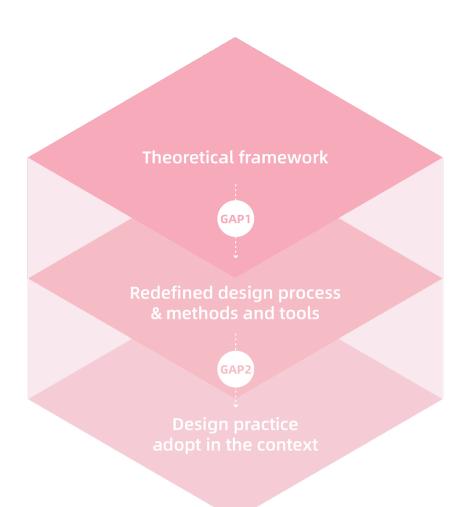


Nobody has the right to design social systems for someone else. It is unethical to design social systems for someone else.

- Banathy, 1996



Future research



Objective 1:

To explore and develop a theoretical framework, redefine the design process, methods, and tools for Speculative Services.

Objective 2:

To contextualize Speculative Services in social transformation, and develop guidance for relevant design practice. To explore future applications.

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Thank you!

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