WORKSHOP & FACILITATION

Practice Portfolio

At the intersection of systems thinking, futures research, co-creation and digital fabrication.

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OVERVIEW

Approach

Over the past years I have designed, facilitated and led a wide range of workshop formats at the intersection of systems thinking, futures exploration and participatory design. My approach combines structured facilitation with hands-on, experimental methods that make complex topics tangible through making, mapping and storytelling.

FOCUS 01

Futures Thinking & Prototyping

Futurium Lab, Berlin

At the Futurium Lab I worked in participatory formats that explore possible futures through hands-on making, experimentation and critical dialogue — centred on questions such as: how do we want to live in the future?

KEY FORMATS

— Future-scenario planning and futures-literacy workshops

— Design challenges around sustainability and emerging technologies

— Collaborative prototyping sessions for diverse audiences — schools, families, mixed publics

— Open-lab and drop-in formats for exploratory, self-directed learning

— Play- and challenge-based learning formats

METHODS & TOOLS

— Creative tech — robotics and coding tools (Ozobots, LEGO Education, Calliope mini)

— Virtual spaces — virtual prototyping environments (CoSpaces / VR-based worlds)

— Digital fabrication — 3D printing and laser cutting in a maker-space context

— Facilitation — card-based tools for structured ideation, rapid prototyping and iterative testing

> **Core focus**
>
> Translating abstract, long-term questions about the future into tangible, real-time experiences through play, technology and collaboration.

FOCUS 02

Maker Education & Creative Technology

Junge Tüftler, Berlin

At Junge Tüftler I facilitated and supported educational workshops that use making as the primary tool to explore technology, creativity and social change.

KEY FORMATS

— Maker-education workshops (“learning by doing”)

— Coding, physical-computing and robotics workshops across age groups

— Co-creative design challenges on global, future-oriented topics

— Open-lab environments and experimental group sessions for children and youth

METHODS & TOOLS

— Block-based programming environments and beginner tools

— Educational robotics kits (Ozobots, LEGO WeDo)

— VR and spatial-design tools (CoSpaces)

— Narrative structures — mission- and storytelling-based learning challenges

— Design-thinking-inspired facilitation methods

> **Core focus**
>
> Empowering participants to engage confidently with complex topics — AI, climate action, smart cities — through accessible, playful experimentation.



Co-creative making session — participants collaborate on a structural cardboard prototype.

FOCUS 03

Multi-Stakeholder Mapping & Systems Analysis

Social Design (Master's context, HTW Berlin) · with the Social Design Lab

During my master's studies I designed and facilitated structured workshops in close collaboration with the Social Design Lab (Hans Sauer Foundation), focused on systems thinking and social-design methods for analysing complex societal challenges.

KEY FORMATS

— Multi-stakeholder system-mapping workshops

— Actor-network mapping and relationship analysis

— Problem framing and synthesis in complex, systemic environments

— Collaborative system visualisation and identification of leverage points

METHODS & TOOLS

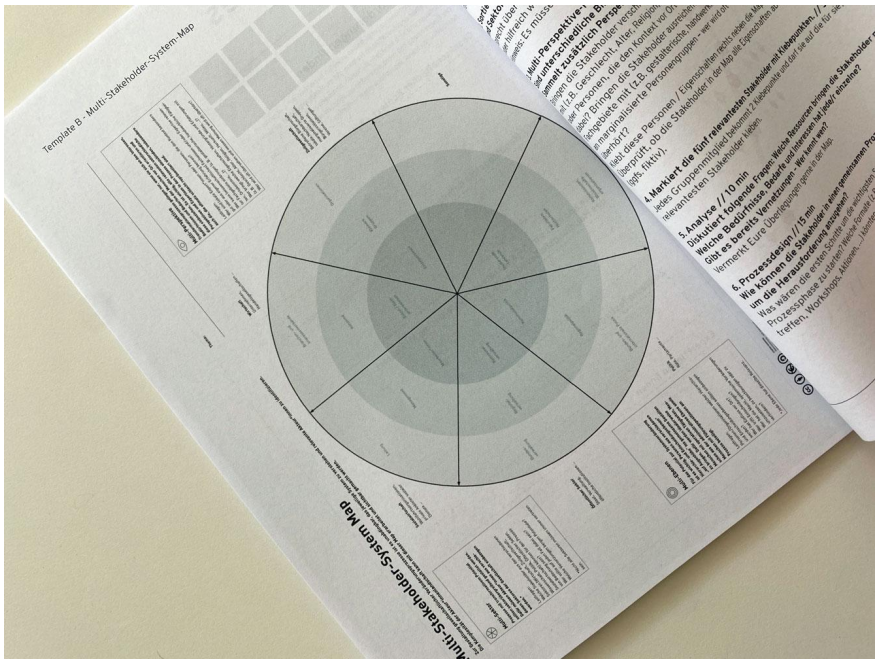
— Large-scale physical, wall-based diagrams and canvas mapping

— Stakeholder mapping and network-dependency analysis

— Facilitated processes for group sensemaking

— Systems-thinking frameworks — feedback loops, dependencies, structural tensions

> **Core focus**
>
> Making intangible, complex systems visible, discussable and changeable through collective mapping and structured reflection.



Multi-stakeholder system map — surfacing actors, relationships and leverage points across a complex system.

FOCUS 04

Systemic Design & Futures Facilitation

Master's-thesis context (HTW Systemic Design) · with Madeleine Schwinge (re:flab)

As part of my master's in Systemic Design at HTW Berlin, I took part in an intensive workshop led by Madeleine Schwinge focused on systemic thinking, complexity and future-oriented facilitation. The work combined advanced systems mapping with reflective group processes to address complex transformation challenges.

KEY FORMATS

— Systemic-design workshops on complex societal and ecological challenges

— Group-based facilitation and collective sensemaking labs

— Future-oriented reflection, scenario exploration and interdisciplinary co-creation labs

METHODS & TOOLS

— Systems mapping and actor-network visualisation

— Narrative-based and reflective facilitation techniques

— Scenario development and strategic futures-thinking approaches

— Hybrid methods connecting design practice with systemic inquiry

DIRECT APPLICATION — OWN FORMAT

Building on these methods, I independently developed a workshop format that translates core systemic-design approaches — systems mapping, reframing, collective reflection — into a structured framework for futures thinking. The aim: to explore how systemic analysis can act as a direct springboard for generating alternative future scenarios and identifying strategic intervention points.

IN SUMMARY

Expertise at a Glance

Across my professional and academic experience, my facilitation practice consistently focuses on:

— Making complexity tangible — using mapping, making and prototyping to ground complex concepts.

— Navigating uncertainty — supporting organisations and groups in the structured exploration of alternative futures.

— Co-creative sensemaking — guiding collaborative, participatory processes in multi-stakeholder contexts.

— Bridging disciplines — connecting analytical systems thinking with creative design and hands-on experimentation.



Participatory prototyping — imagining sustainable city futures with cardboard, microcontrollers and living plants (Junge Tüftler × Siemens Stiftung).