Co-creating Circular Futures

Developing scenarios with school children's imagination and scientists' biophysical perspectives

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Research can define a bio-physical space for sustainable circular economy (SCE), but:
How may we live, interact, collaborate, move around and work within this space?

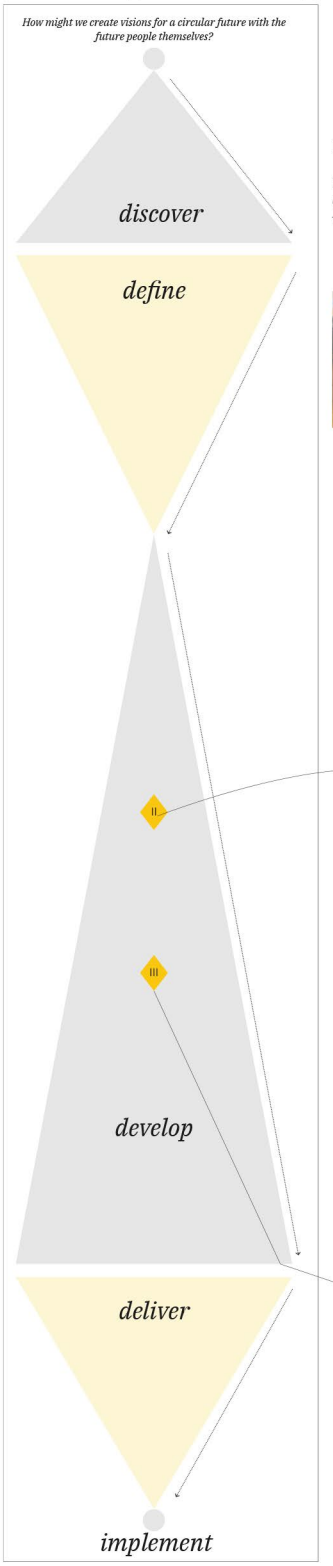
Children are the decision makers of tomorrow. With their imagination and openness, they can make a key contribution to a future that is desirable to them.
Over the course of a school semester, school children are taught key scientific insights for a circular economy, and their imaginations for a sustainable future.

Their visions are recorded in an illustrated children's book.

Co-creation method: Design Thinking

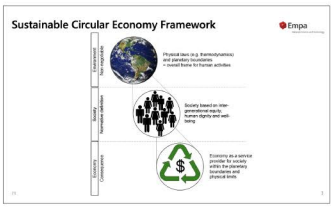
The Double Diamond framework implemented in III layers within the project

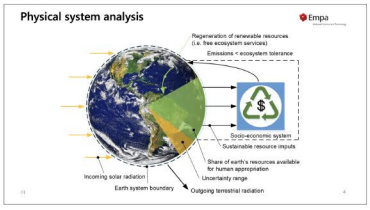
I. General process of the project

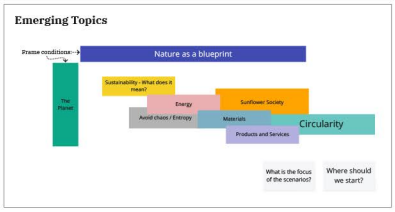


Research seminar for teachers

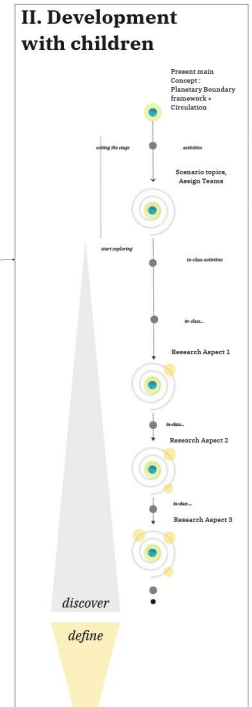
Research input coming from Empa (LACE project) on conditions for sustainable circular economy within the planetary boundaries framework.



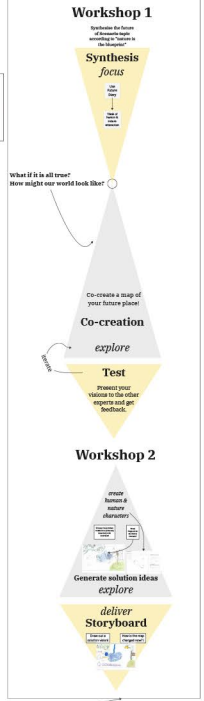




II. Development with children



III. Co-design workshops



Using diary entries created before workshop

Co-creation

Presentation

	Planetary boundry	Nature character
Story 1	Biodiversity	Horse & bee
Story 2	Biogeochemical flows	Fish
Story 3	Climate change	Dog
Story 4	Landuse	Fox

Nature characters inform human characters about their problematic behaviors.

Design children's book

using the future visions of the children to create the book

Develop learning materials

for teachers, who want to implement the children's book in their classroom

Agora: Foster dialogue between scientists and society

Duration: 01.11.2022 - 01.02.2024
Students: age 8-12 (Rorschach & Rorschacherberg)
Funding: SNSF Agora, SWICO, V-Zug

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