

Appendix

Navigating Value Dynamics

A tool for mapping multi-stakeholder
value ecosystems in the LIFE Project

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Confidential Appendixes

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A

Project Brief

Project brief to kickstart the project including introduction, problem definition, assignment, project approach, motivations and personal ambition.



Personal Project Brief - IDE Master Graduation

Strategic Plan to engage large asset owners in the LIFE platform

project title

Please state the title of your graduation project (above) and the start date and end date (below). Keep the title compact and simple. Do not use abbreviations. The remainder of this document allows you to define and clarify your graduation project.

start date 01 - 03 - 2023

09 - 08 - 2023

end date

INTRODUCTION **

Please describe, the context of your project, and address the main stakeholders (interests) within this context in a concise yet complete manner. Who are involved, what do they value and how do they currently operate within the given context? What are the main opportunities and limitations you are currently aware of (cultural- and social norms, resources (time, money,...), technology, ...).

This project will be part of the LIFE (Local Inclusive Future Energy) platform, developed by the Amsterdam Institute of Metropolitan Science to explore different enablers of the energy transition. The LIFE platform offers users in the area the opportunity to make decisions on energy sharing and storage based on economic factors, sustainability, or support of the energy network (AMS Institute, 2023). TU Delft is one of the partners currently researching the engagement and inclusion of stakeholders in Amsterdam Zuidoost.

The IDE faculty has been involved in the project for two years in close collaboration with the AMS Institute project consortium. This graduation project will build on the previous knowledge of graduate students and the collaborative work between IDE and the LIFE project consortium. Three other IDE students will start working on the project simultaneously with different scopes. This will provide an opportunity for collaborative efforts and idea-sharing to address a complex problem.

For the LIFE platform to operate, Amsterdam Zuidoost relies on the participation of a wide range of stakeholders: Energy infrastructure (energy providers, grid operators), small and large businesses (stores, shopping malls, large entertainment venues, banks), and residents.

Some of the large companies could be classified as large asset owners. Large Asset Owners (LAOs) are defined as potential participants in the platform, companies who have high energy consumption and own or potentially have access to their own energy assets (batteries, power generation capacity).

Stakeholders in the area have been identified but engaging with them remains a challenge. As a client, the LIFE project consortium mediates exchanges with LAOs project partners such as Johan Cuijff ArenA and potential partners such as Ziggo Dome, ABN Amro, and ING bank. Current partners are open to collaboration, but as they have been approached before, interactions require prior planning, which could be a limitation.

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Personal Project Brief - IDE Master Graduation

introduction (continued): space for images

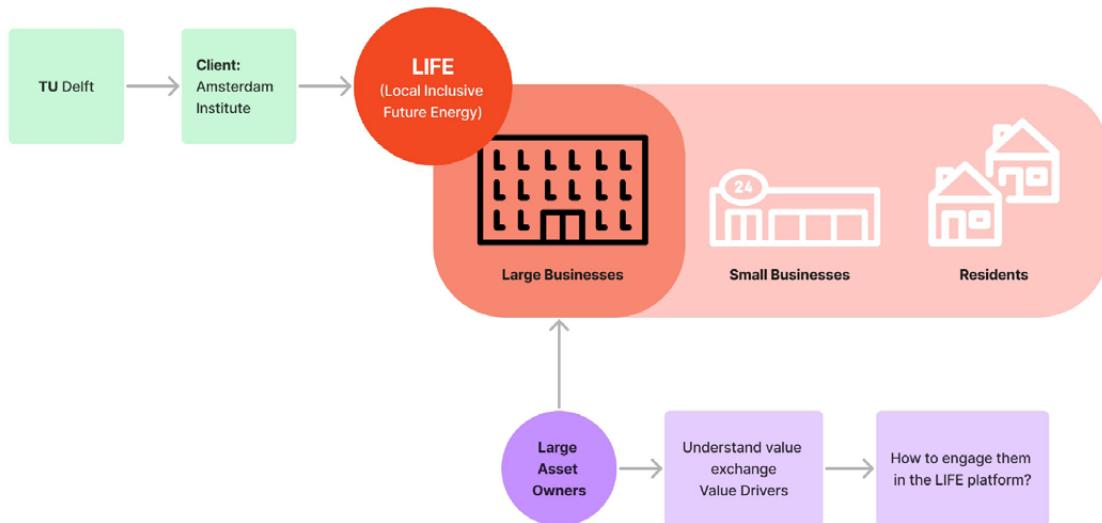


image / figure 1: [Project context and scope](#)

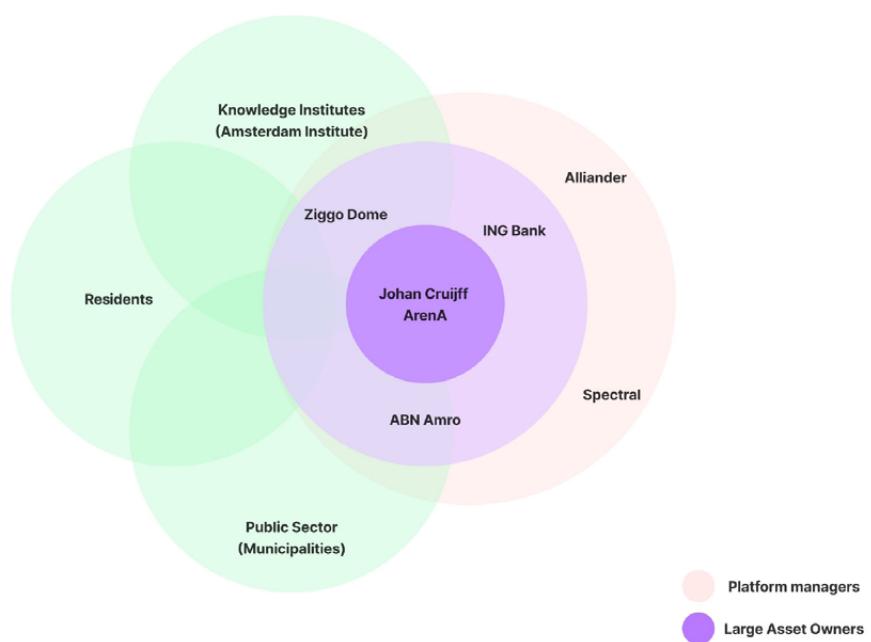


image / figure 2: [Stakeholder map and focus on Large Asset Owners](#)

PROBLEM DEFINITION **

Limit and define the scope and solution space of your project to one that is manageable within one Master Graduation Project of 30 EC (= 20 full time weeks or 100 working days) and clearly indicate what issue(s) should be addressed in this project.

The LIFE project explores a smart energy exchange platform to provide socio-economic benefits and opportunities to local residents and communities in Amsterdam Zuidoost. The increasing demand for energy use and the limited capacity of the current energy network in the area calls for an alternative infrastructure or models to prepare it for the future.

The LIFE platform offers the opportunity to make decisions about energy exchange, but an important aspect is still missing. To achieve real benefits for residents and communities, the role of large asset owners within the platform needs to be defined. Currently, Large Asset Owners (LAOs) understand energy supply, storage, and distribution from a technical perspective. For LAOs to be engaged in the transition, their interests and values need to be mapped, in order to explore new opportunities that might get them onboard the LIFE platform and provide socio-economic benefits to the community.

The scope of the project focuses on the main LAOs in the area. Priority stakeholders have been identified based on the impact they bring to the platform. For this project, Johan Cruijff ArenA will be the main focus, as it is not only an asset owner but a key project partner.

The project is divided into the following main steps:

Based first on previous research (literature review and LIFE project research), understand the context and the role of the actors involved. Next, conduct qualitative research on the current operation of the stakeholders, focusing on the values exchanged and their drivers. Finally, synthesize the results and translate them into value and business propositions for LAOs to present new opportunities that incentivize them to participate in the LIFE platform.

ASSIGNMENT **

State in 2 or 3 sentences what you are going to research, design, create and / or generate, that will solve (part of) the issue(s) pointed out in "problem definition". Then illustrate this assignment by indicating what kind of solution you expect and / or aim to deliver, for instance: a product, a product-service combination, a strategy illustrated through product or product-service combination ideas, In case of a Specialisation and/or Annotation, make sure the assignment reflects this/these.

The main assignment of this graduation project is to explore new value-adding opportunities for Large Asset Owners in the Amsterdam Zuidoost area to engage them within the LIFE platform.

First, understanding the current role of Large Asset Owners and other stakeholders in the area. Then, devise potential value and business propositions for Johan Cruijff ArenA and if possible within the project timeline, other LAOs. The propositions will be developed into a strategic roadmap to promote LAO's engagement in activities relevant to the design and implementation of the LIFE platform.

The initial research questions are the following:

1. How to translate the objectives and goals of the LIFE platform project into potential value opportunities for LAOs?
2. How can we make the values tangible and attractive for LAOs to engage in the LIFE platform?
3. How can we develop value propositions that benefit the multi-stakeholder ecosystem of Amsterdam Zuidoost?

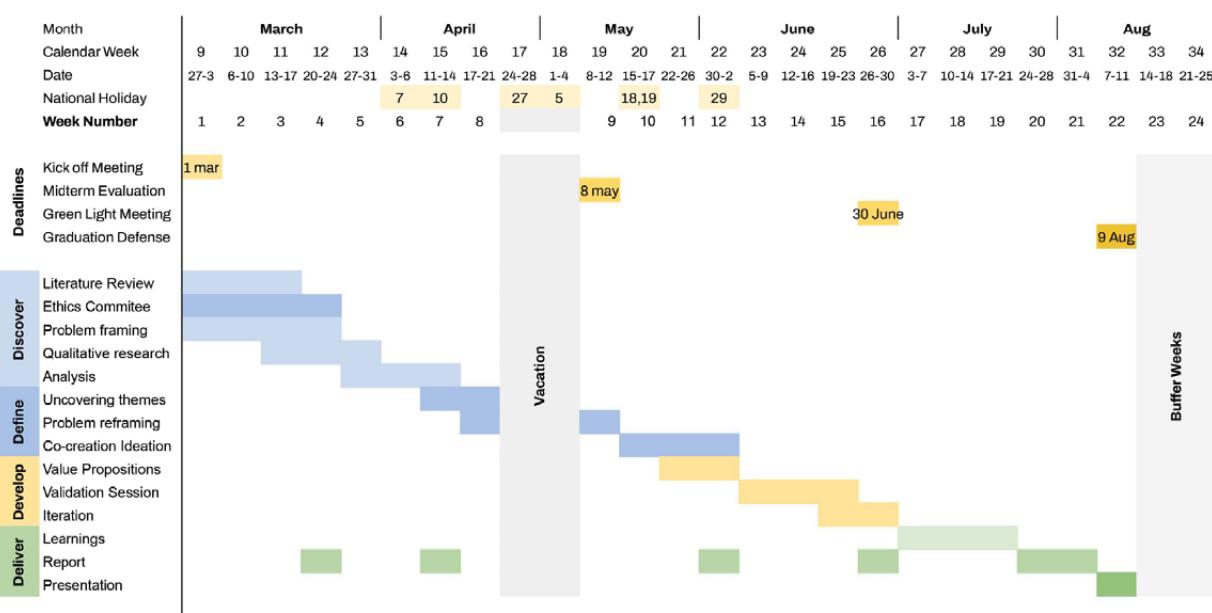
PLANNING AND APPROACH **

Include a Gantt Chart (replace the example below - more examples can be found in Manual 2) that shows the different phases of your project, deliverables you have in mind, meetings, and how you plan to spend your time. Please note that all activities should fit within the given net time of 30 EC = 20 full time weeks or 100 working days, and your planning should include a kick-off meeting, mid-term meeting, green light meeting and graduation ceremony. Illustrate your Gantt Chart by, for instance, explaining your approach, and please indicate periods of part-time activities and/or periods of not spending time on your graduation project, if any, for instance because of holidays or parallel activities.

start date 1 - 3 - 2023

9 - 8 - 2023

end date



Discover: Familiarize with previous LIFE platform research. Attend the first consortium meetings to understand the context and frame the problem. Conduct interviews with relevant research experts at AMS Institute and stakeholders at Johan Cruijff ArenA. Plan & schedule co-creation sessions with Johan Cruijff ArenA.

Define: Analyze data, uncover themes, and synthesize findings using the Value mapping method leading to problem reframing.

Develop: Conduct co-creation sessions with key LAOs and experts. Analyze results from creative sessions using the value proposition canvas and the means-end chain framework. Validation Session to present value propositions to the actors involved and gather feedback. Refine and iterate value propositions.

Deliver: Based on value propositions detail a strategic roadmap for the AMS Institute to engage with LAOs. Complete the graduation report and prepare the final presentation.

MOTIVATION AND PERSONAL AMBITIONS

Explain why you set up this project, what competences you want to prove and learn. For example: acquired competences from your MSc programme, the elective semester, extra-curricular activities (etc.) and point out the competences you have yet developed. Optionally, describe which personal learning ambitions you explicitly want to address in this project, on top of the learning objectives of the Graduation Project, such as: in depth knowledge a on specific subject, broadening your competences or experimenting with a specific tool and/or methodology, Stick to no more than five ambitions.

Over the course of this project, I want to broaden my creative facilitation skills and acquire a practical understanding of co-creation methodologies in a multi-stakeholder environment. The project addresses internal politics and stakeholder management; thus, I want to challenge my leadership and project management skills as the project owner.

As a learning ambition, I would like to explore the real impact of design research in a multi-stakeholder project. Understand how to design for values, balance the interests of different actors and unravel how values influence, link, and conflict with each other. I want to bring a social perspective to a proposal that makes sense from a business point of view. To help the social team of the LIFE platform consortium to address large companies and generate value for all involved. In addition, I aim to gain in-depth knowledge of the energy transition and current energy exchange systems.

One of my objectives for this master's was to understand how design can become a bridge between industry/companies, the public sector, knowledge institutes, and citizens. The LIFE platform is part of the Municipality of Amsterdam's efforts towards a gas-free 2040. My client is a Knowledge Institute creating value propositions to engage companies. However, the propositions have to fit into a multi-stakeholder ecosystem with the goal of including and benefiting communities. Within this context, taking a systemic perspective, I am curious to explore whether top-down innovation can maintain a social perspective and what role I envision myself playing within these dynamics as an SPD in my future career.

FINAL COMMENTS

In case your project brief needs final comments, please add any information you think is relevant.

B

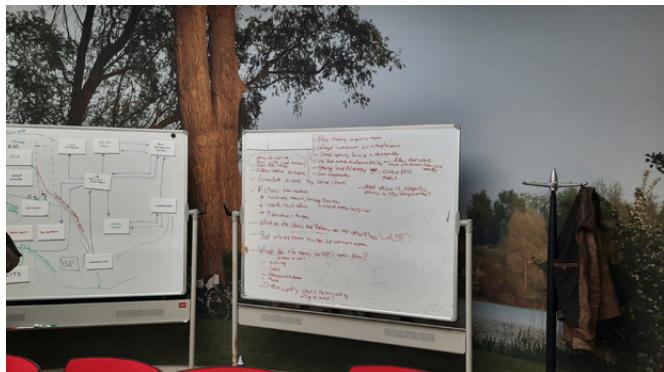
Field research activity log

Activity log of research activities conducted.

Date	Name	Activity	Location (or online)	Activity type	Role
2023/03/07	A	Interview LIFE Stakeholder Engagement Coordinator	Huis van de Toekomst	Interview	Interviewer
2023/03/14	B	Advisory Board Session	Huis van de Toekomst	Meeting	Field Observation
2023/03/21	C	Interview Johan Cruijff ArenA, LIFE project manager	Huis van de Toekomst	Interview	Interviewer
2023/03/28	D	Session-Battery Use Case	Huis van de Toekomst	Co-creation Session	Field Observation
2023/03/21	E	Interview Project Manager Alliander	Huis van de Toekomst	Interview	Interviewer
2023/03/30	F	EnergieLab Zuidoost Seminar	De Groene Hub	Event, Co-creation session	Support facilitator, Field Observation
2023/04/04	G	Interview Gemeente Amsterdam, LIFE Project Management Team	Huis van de Toekomst	Interview	Interviewer
2023/04/06	H	Interview Research Coordinator Spectraal	Online	Interview	Interviewer
2023/04/11	I	Communication Workshop	Huis van de Toekomst	Co-creation Session	Facilitator
2023/04/11	J	Interview University of Utrecht, Academic Researcher	Huis van de Toekomst	Interview	Interviewer
2023/04/13	K	Interview TU Delft, IDE Design Anthropology Researcher	TU Delft	Interview	Interviewer
2023/04/18	L	Workshop Value Opportunities	Huis van de Toekomst	Co-creation Session	Interviewer
2023/04/20	M	Interview Gemeente Rotterdam, Advisor	Online	Interview	Note-taker
2023/05/16	N	LIFE partner Day	AMS Institute	Co-creation Session	Participant
2023/05/23	O	Project coordination meeting	Huis van de Toekomst	Meeting	Field Observation
2023/07/05	P	Value ecosystem tool Validation	Huis van de Toekomst	Co-creation Session	Facilitator

Activity D

Battery Use Case

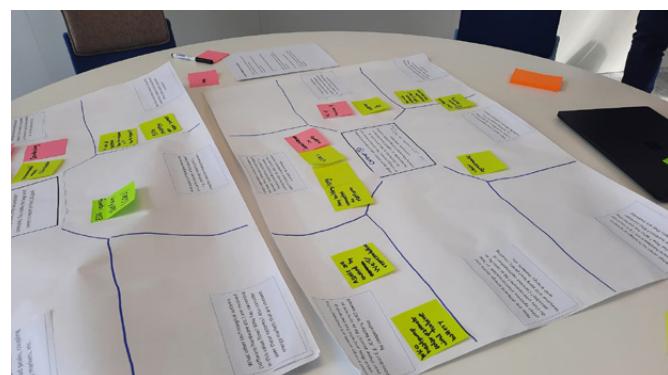


Activity F

EnergieLab Zuidoost Seminar

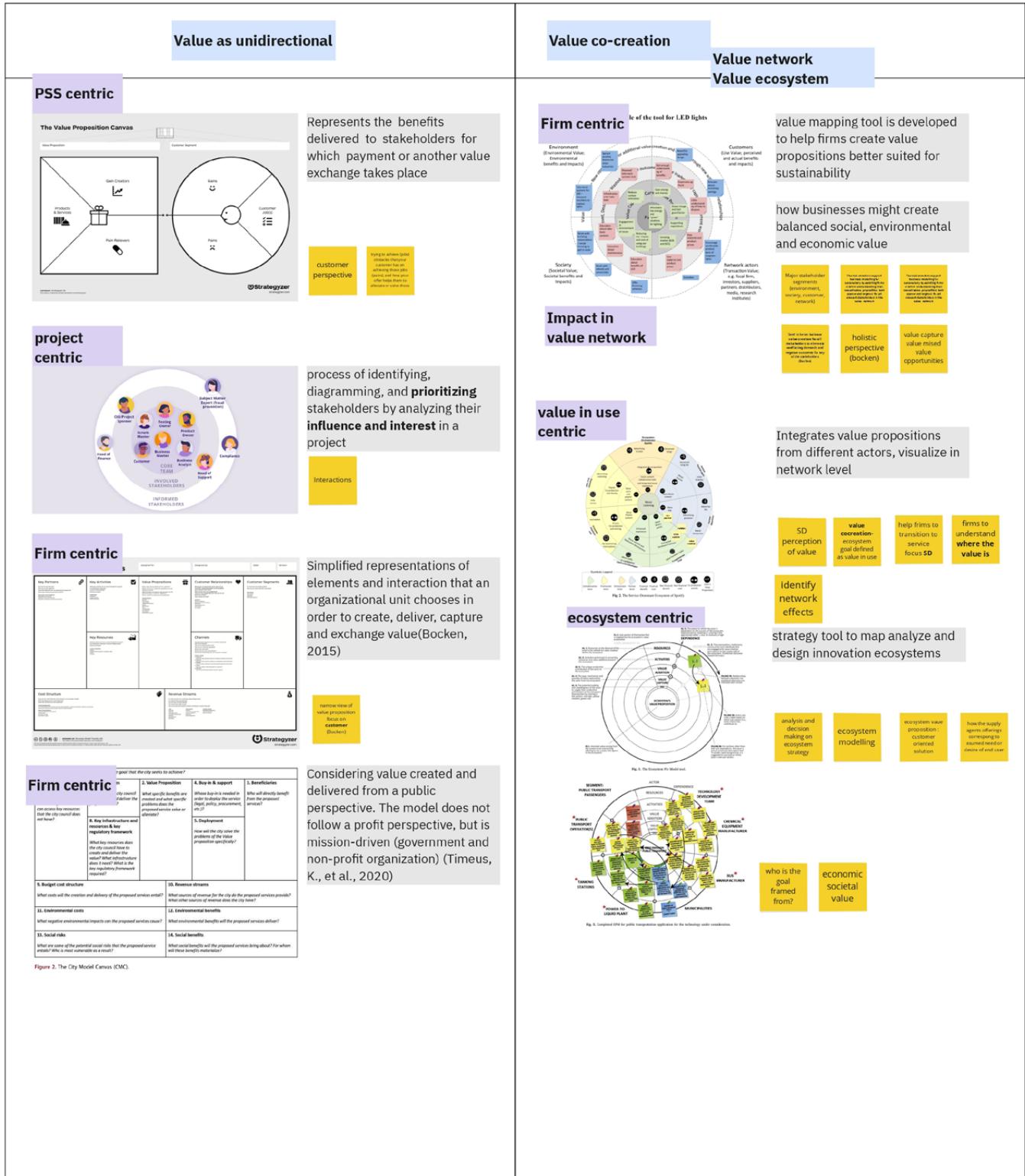


Activity N LIFE partner day



C Value modeling tool analysis

Following is a first approach to the analysis of value modeling tools, categorizing them as either value-based or value-cocreation-based.



D

Interview Guide

Interview guide for semi-structured interviews with LIFE project partners.

Interview Guide

Introduction

- 1 How did you arrive to the LIFE project?

Taxonomy of LIFE

Purpose

- 2 How would you describe what LIFE platform does?
- 3 How would you describe what LIFE social platform aims to do?
- 4 What is LIFE platform biggest offering?
- 5 What makes LIFE proposal unique? different from the rest?
- 6 What is the reason for existence of LIFE platform? Why should we care?
- 7 What makes the LIFE platform different and innovative?
- 8 What is most important for LIFE shareholders?

Taxonomy Business Model

- 9 What is the good LIFE platform produces?
- 10 What is the content of the service LIFE is offering?

Value Mapping Tool

- 11 Stakeholder group ()
- 12 What is the current role of Alliander within the LIFE project (Package 4 Next-Generation Grid)
- 13 What role will Alliander play once LIFE platform is **launched**?

Value Created

- 14 Why will the customer buy the services offered?
- 15 Besides financial benefits, what are other opportunities that being part of LIFE will bring to *partners*?
- 16 What possible benefits tangible and intangible are created?

Value Destroyed

- 17 What are the negative outcomes of the business for any stakeholder?
- 18 What are the impacts generated by each of the key suppliers/ partners/ distributors/ consumers?

Value Missed

- 19 How might LIFE be missing an opportunity to capture value?
- 20 Are assets under-utilised?
- 21 What are major challenges that LIFE faces now?

New value opportunities

- 22 How has the new EU regulations on environmental and social practices impact LIFE?
- 23 What new positive value might the network create for its stakeholders through introducing new capabilities, activities, relationships?
- 24 Imagine we have asset owners on board
- 25 Imagine we have Vve's on board

What do we already know?

- 26 What are relevant trends or references in the market that might drive 'potential asset owners' that I should consider?
- 27 Who would you suggest having a conversation with?
- 28 Who is a competitor of the LIFE platform?

JOBS
PURP
PURP
PURP

GAIN

CON
CON
CON

D

Interview Guide

Interview guide for semi-structure interview with JCA, LIFE project partner.

Intake Interview Guide

Introduction

- 1 How did you arrive to the LIFE project?
- 2 Why did JCA joined LIFE project?

Purpose

- | | |
|------|------------------------------------------------------------------|
| JOBS | 3 What does JCA prioritizes as a business? |
| JOBS | 4 What is the ultimate goal for JCA to provide to its customers? |
| JOBS | 5 What makes JCA unique? different from the rest? |
| JOBS | 6 What is most important for JCA shareholders? |

Energy Assets

- 7 What is an energy asset? How long is the life of an asset?

Benefits for Battery

- | | |
|------|---------------------------------------------------------------------------------------------------------|
| GAIN | 8 How did JCA made the decision to own a battery? (context/ stakeholders) (investment that pays off) |
| GAIN | 9 Why is it attractive to own a battery (generate/ transmit/ distribute)? What are the costs/ benefits? |
| GAIN | 10 How does the battery allow JCA to use their energy more intelligently? |

Benefits

- | | |
|------|------------------------------------------------------------------------------------------------|
| GAIN | 11 How has owning a battery change JCA as a company? |
| GAIN | 12 What is the role of Amsterdam Energy ArenA ? How does JCA manages this businesswise? |
| GAIN | 13 How has owning a battery change how JCA is <i>perceived by your customers</i> ? |

Values (Why is it important to you?)

- | | |
|------|-------------------------------------------------------------------------------------------|
| CON | 14 Why would you say social responsibility is an important core value? |
| CON | 15 Besides money, what other opportunities will being part of LIFE bring to JCA? |
| CON | 16 What are the ecological or environmental actions JCA is taking to preserve the planet? |
| PAIN | 17 How has the new EU regulations on environmental and social practices impact JCA? |
| PAIN | 18 What are the procedures JCA has taken to comply with the regulations? |
| PAIN | 19 What are major challenges that JCA faces now? |

Other Stakeholders

- | | |
|------|-------------------------------------------------------------------------------------------------|
| GAIN | 20 What would you say motivates other companies to become an asset owner? |
| | 21 As someone who has experience, What are the challenges for a company to become part of LIFE? |

Supply chain

- | | |
|------|----------------------------------------------------------------------------------------------|
| JOBS | 22 How would the battery contribute to balance supply and demand of energy? |
| JOBS | 23 How has owning a battery change the relationship with energy providers, DSO? |
| | 24 Which partnerships would be essential for JCA battery to deliver <i>value to others</i> ? |
| | 25 Which role on the value chain would JCA battery focuses on in LIFE? |

Energy Markets

D

Interview Guide

- 26 What are the economic value interests in energy markets, from the grip operator perspective?
- 27 What is the Primary Control Reserve market? Revenue will largely be generated by selling the energy storage capacity on the

NEXT STEPS

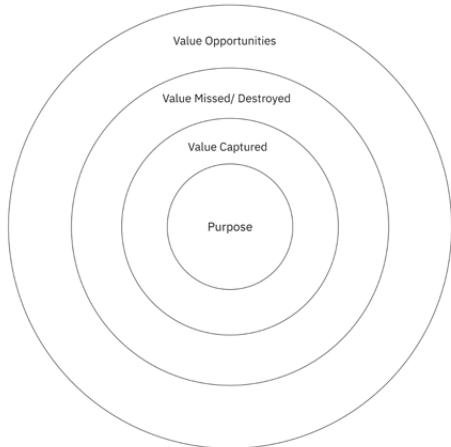
- | | |
|-----|---------------------------------------------------------------------------------------------------------------------------|
| CON | 28 What are relevant trends or references in the market that might drive 'potential asset owners' that I should consider? |
| CON | 29 Who would you suggest having a conversation with? |
| CON | 30 Who is a competitor of the LIFE platform? |

About other LAO

- | | |
|-----|---------------------------------------------------------------------------------|
| CON | 31 ING is not a good neighbor, net congestion for a bank might not be an issue' |
| CON | 32 Have you had a conversation with 'Ziggo Dome'? |

E **Interview note-taking**

Value mapping tool adapted for interview note-taking (Bocken, N. et al, 2013).



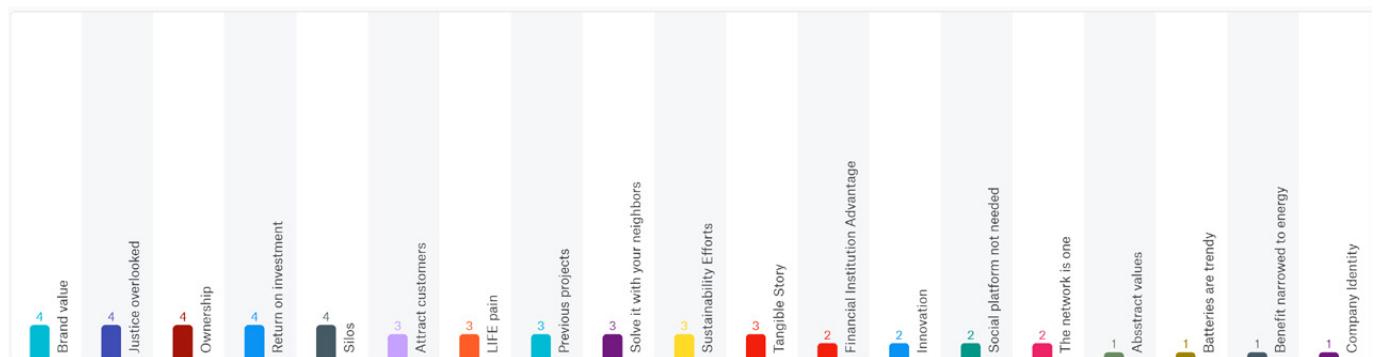
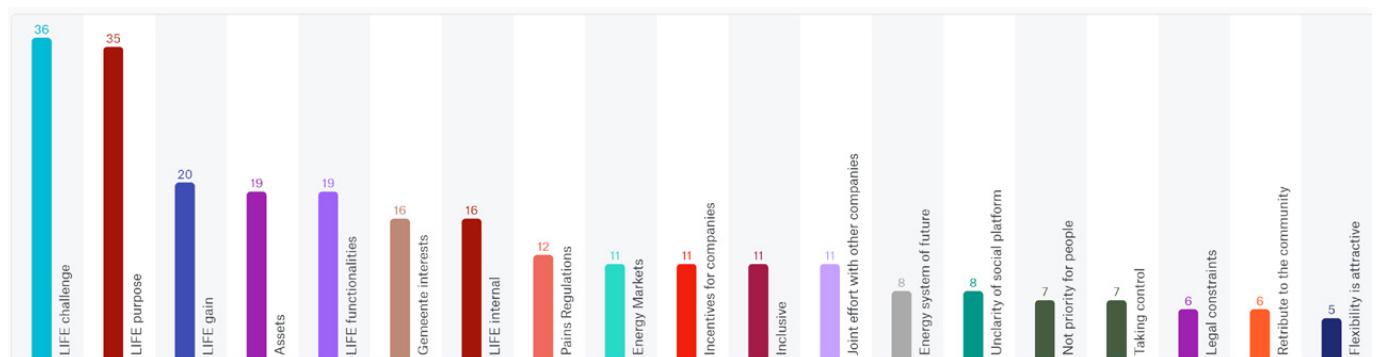
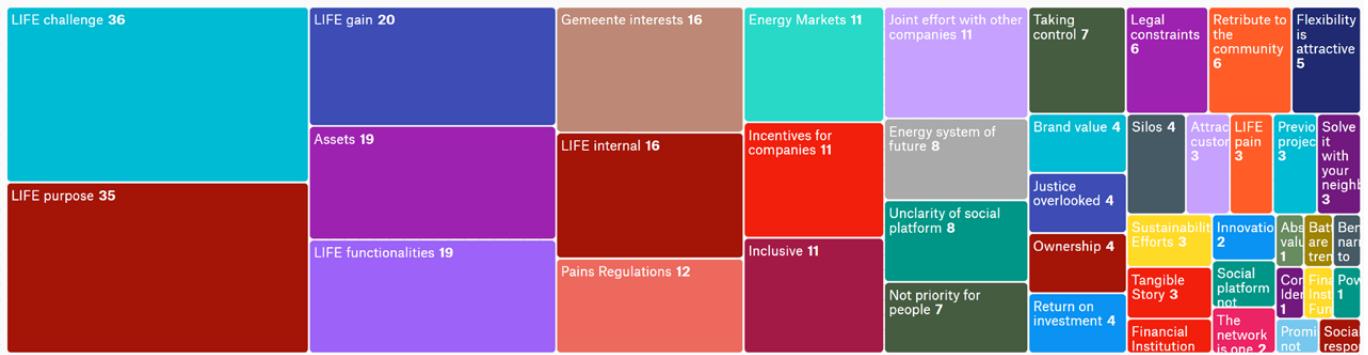
Interviewer notes during semi-structured interviews.



F

Thematic Analysis & Clustering

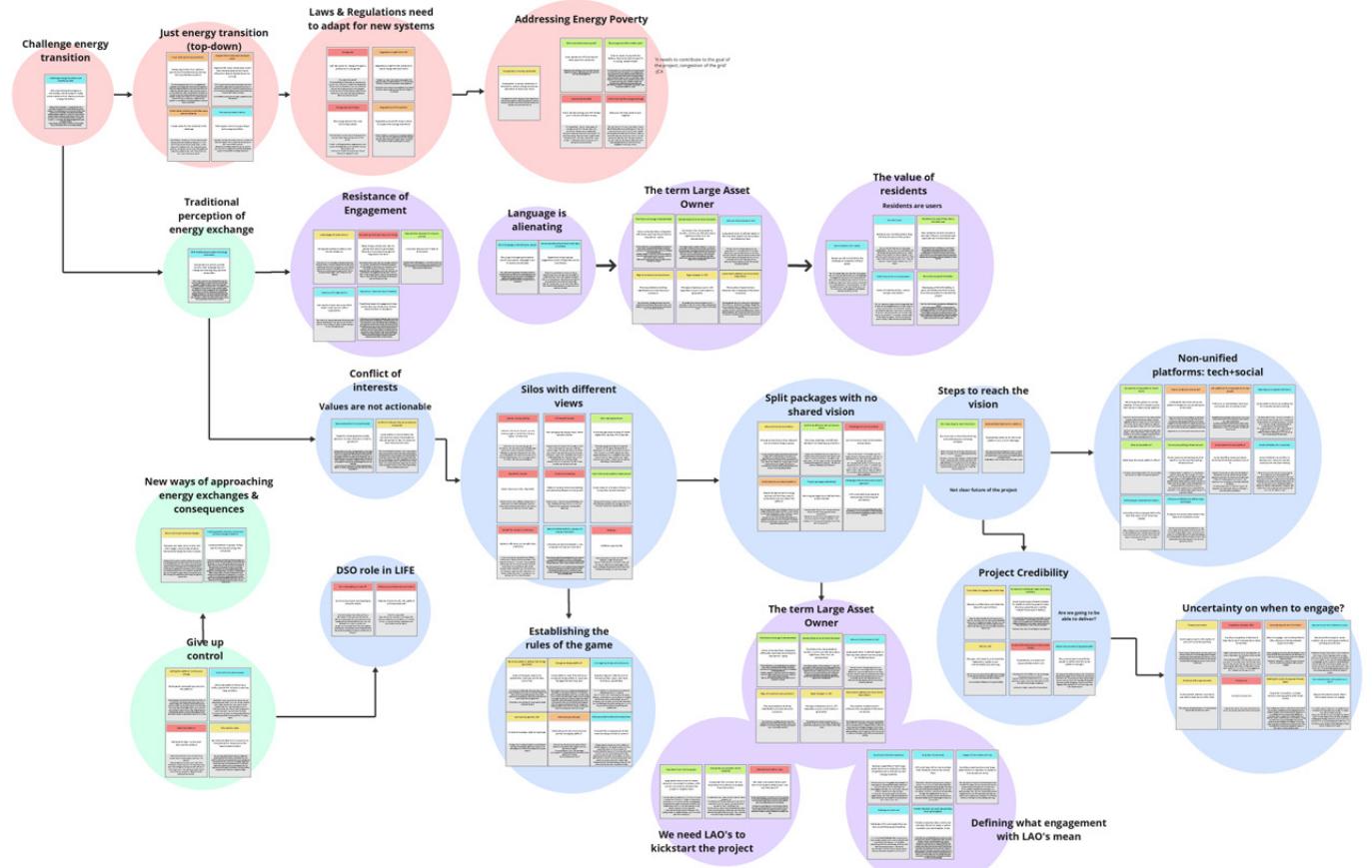
Thematic analysis conducted using Atlas.ti, for semi-structure interviews with LIFE project partners.



F

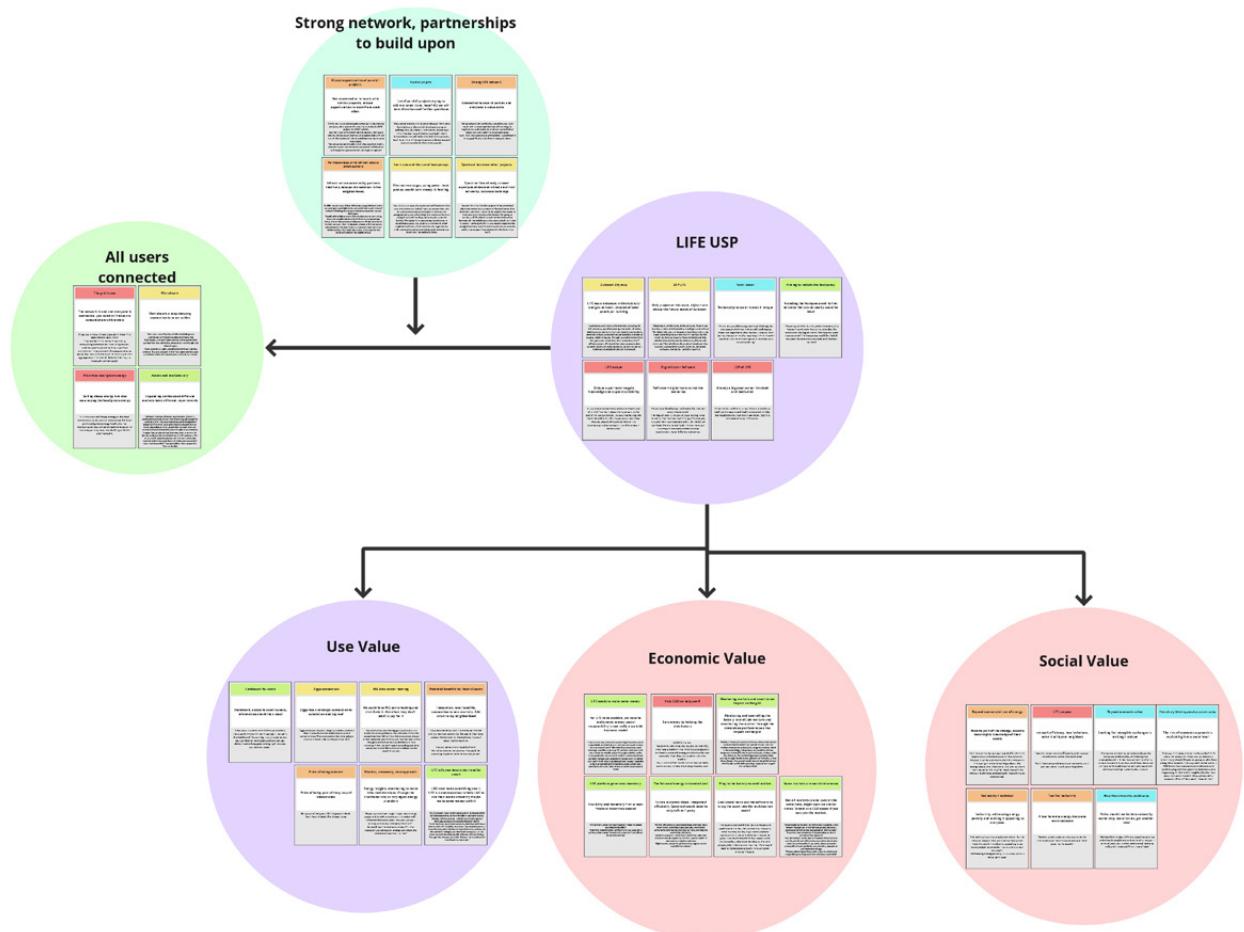
Thematic Analysis & Clustering

After conducting a thematic analysis, statement cards and generative clustering were used to identify the most prominent themes and patterns.



F

Thematic Analysis & Clustering



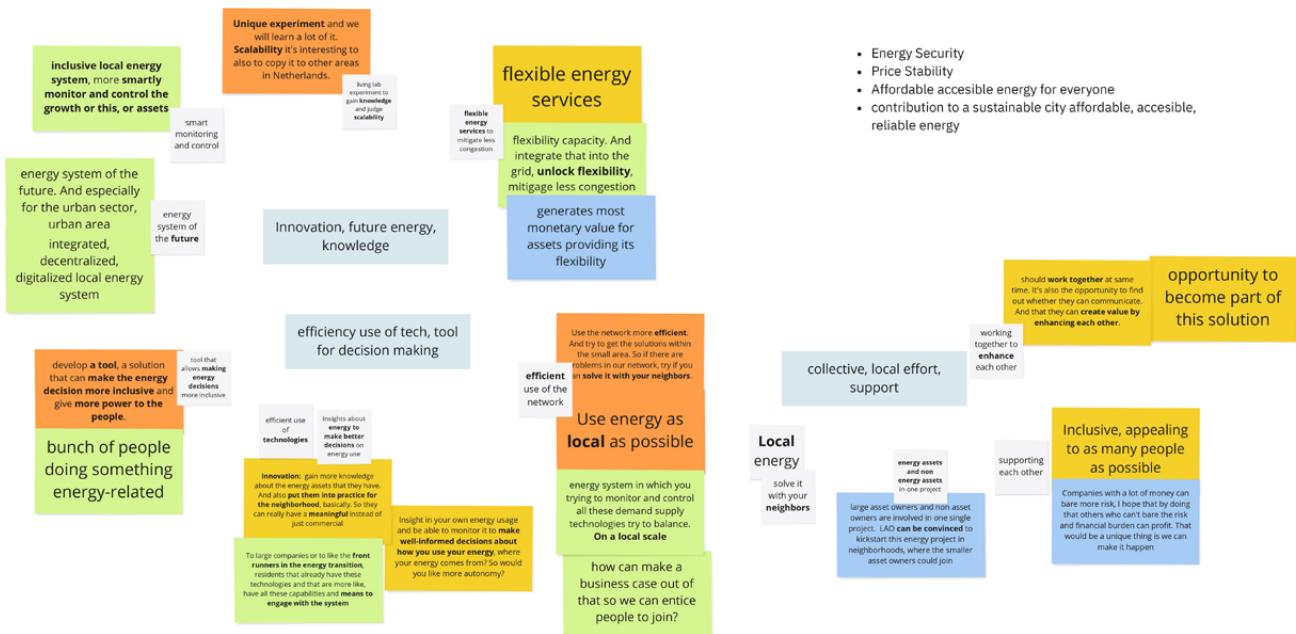
F

Thematic Analysis & Clustering

To prepare for the second co-creation session related to value opportunities. Additional clustering was performed in relation to the LIFE project's purpose, the value missed, and value opportunities depicted on "value opportunity cards."

Purpose What is the primary reason(s) for the existence of your business and its network of stakeholders including the value chain?

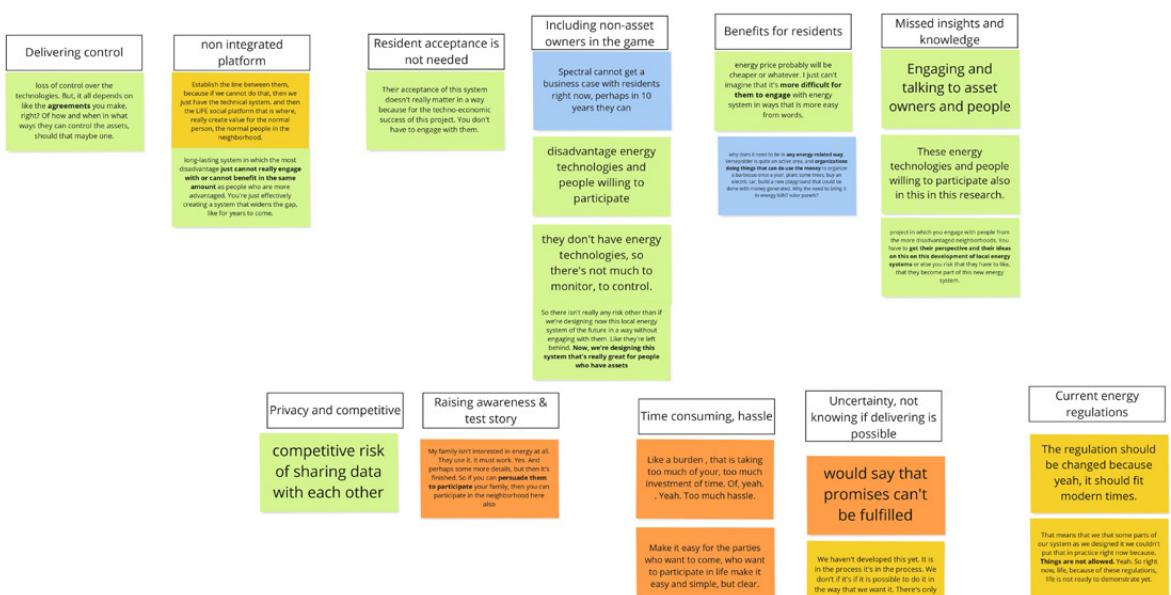
Why should any of your stakeholders, particularly the customer, care about the existence or continuation of the business network?



Value Missed

What are the negative outcomes of the business for any of your stakeholders?

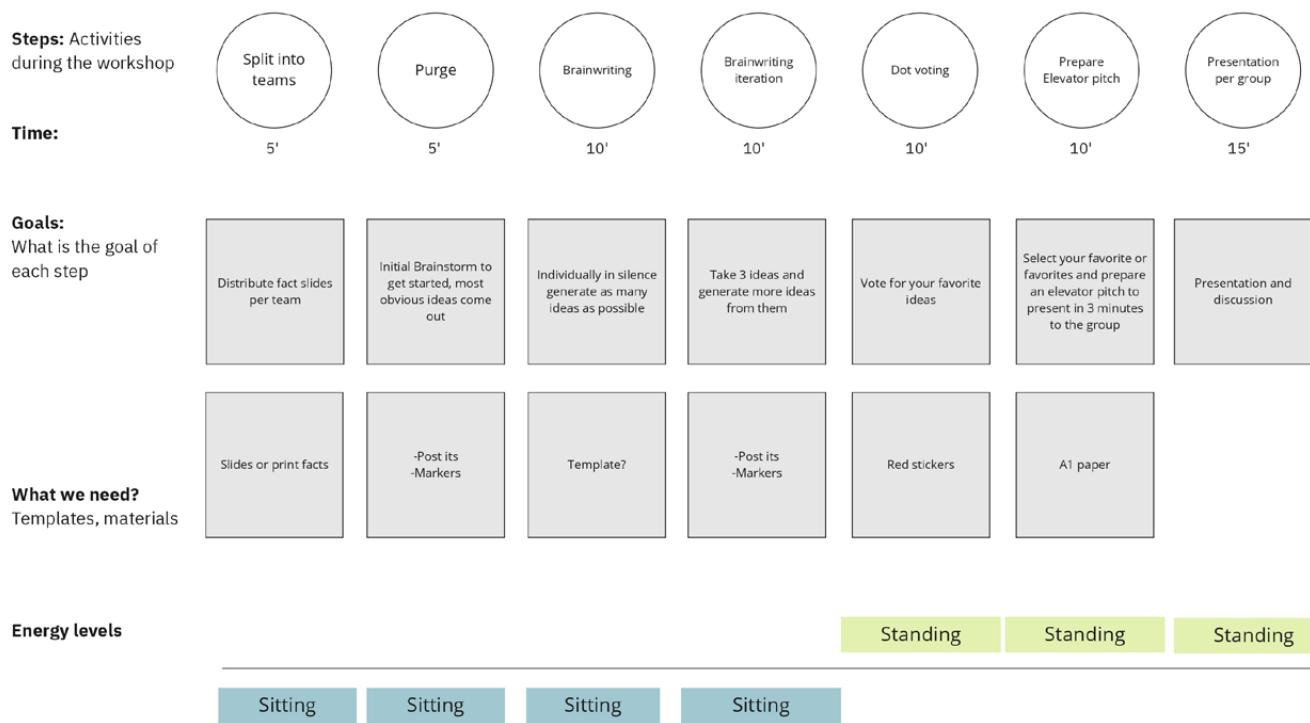
This phase aims at eliminating the value destroyed by the business by identifying and solving conflicts between stakeholders, utilising the value currently missed for the business, and searching for **opportunities to create entirely new value**. This step is usually followed by a 15 min coffee break, which also allows for some buffer for groups lagging behind.



G

Co-creation 1 Session — Set-up

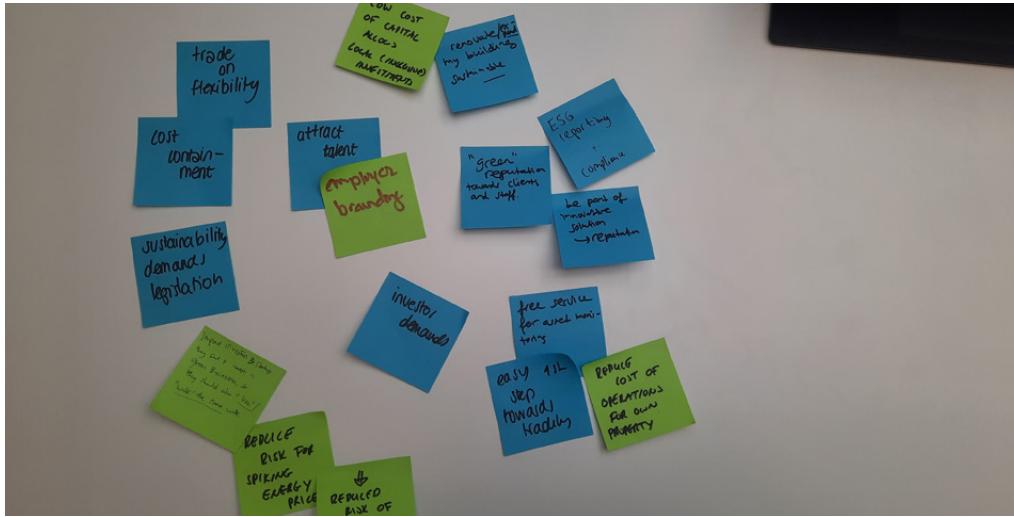
Goal: Idea generation of potential value opportunities for large asset owners in the LIFE platform project. Making the first attempt to stop calling them large asset owners and classify them in three target groups.



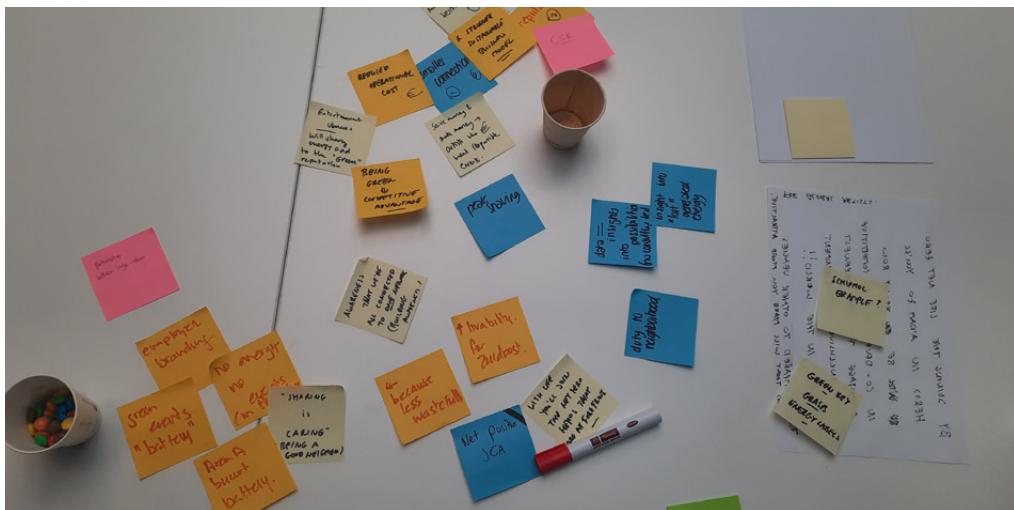
H

Co-creation 1 Session — Activities

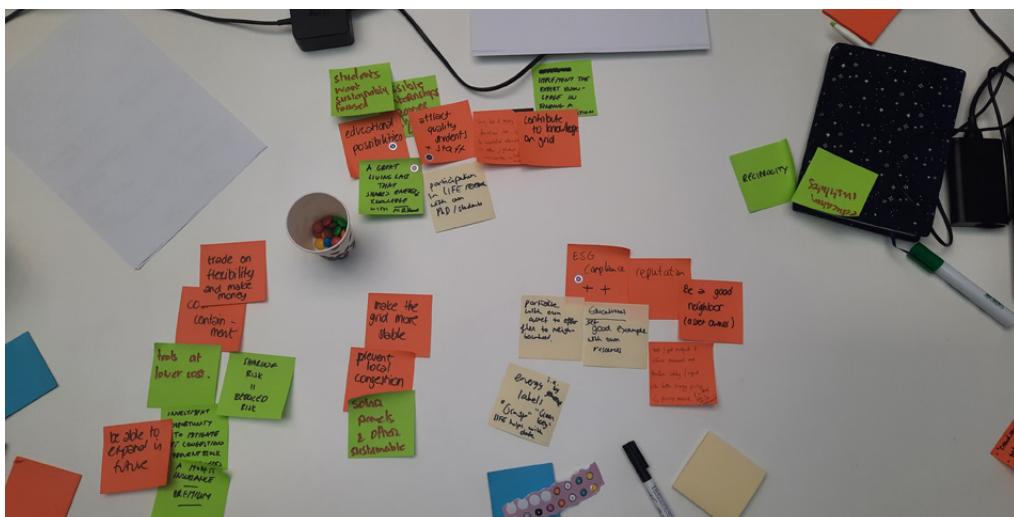
Collaborative Brainwriting activities from the session.



Financial Institutions



Entertainment Venues

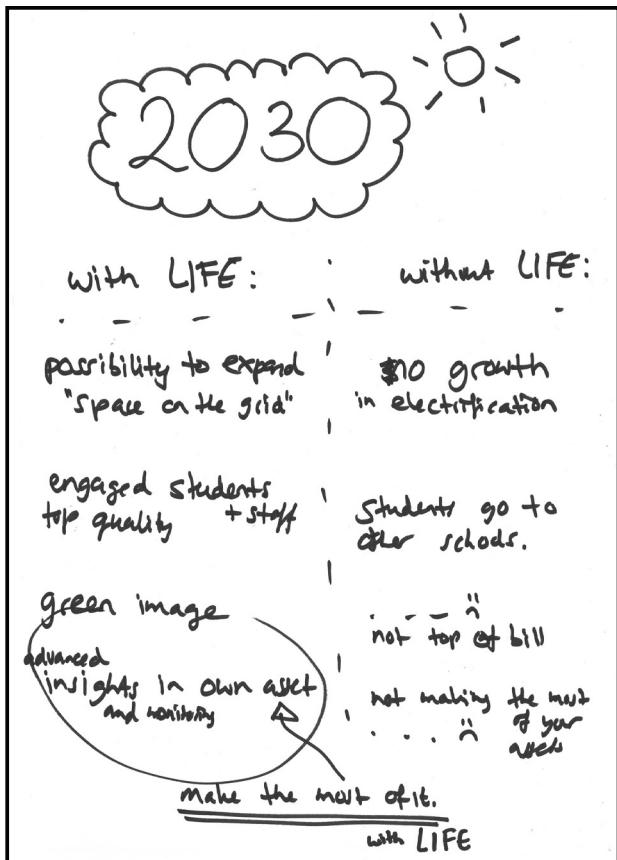


Educational Institutions

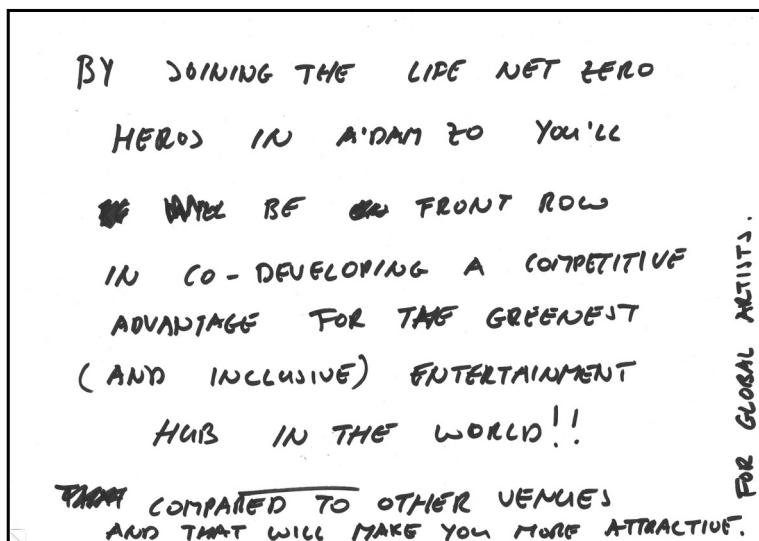
H

Co-creation 1 Session — Activities

Elevator Pitch activities from the session.



Concept 01- Educational Institutions



Concept 02- Entertainment Venues

H

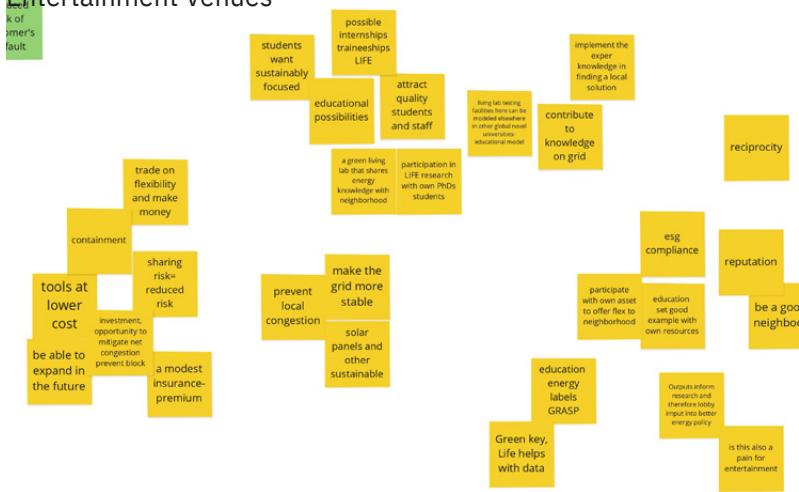
Co-creation 1 Session — Activities

Collaborative Brainwriting activities from the session.

Financial Institutions



Entertainment Venues



Educational Institutions

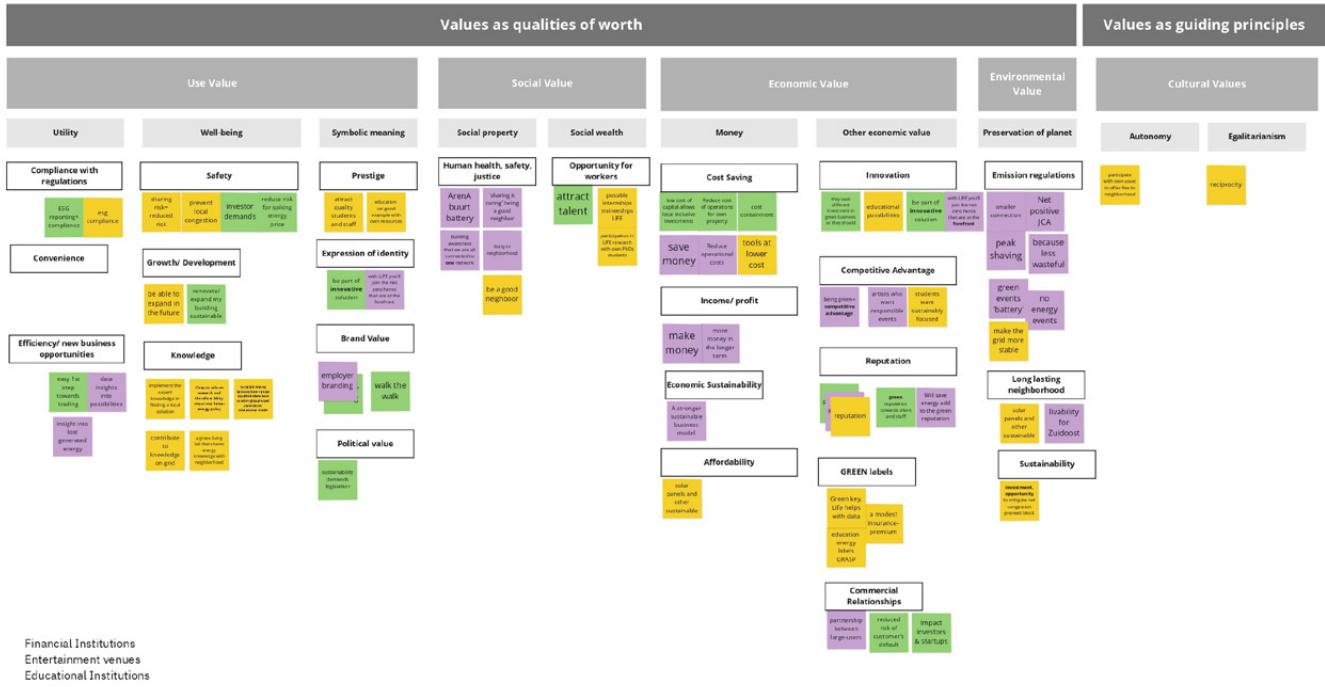


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Co-creation 1 session — Analysis/ Clustering

Using Bos-de Vos, M. (2020), Framework for designing for divergent values, the ideas from the session were clustered.

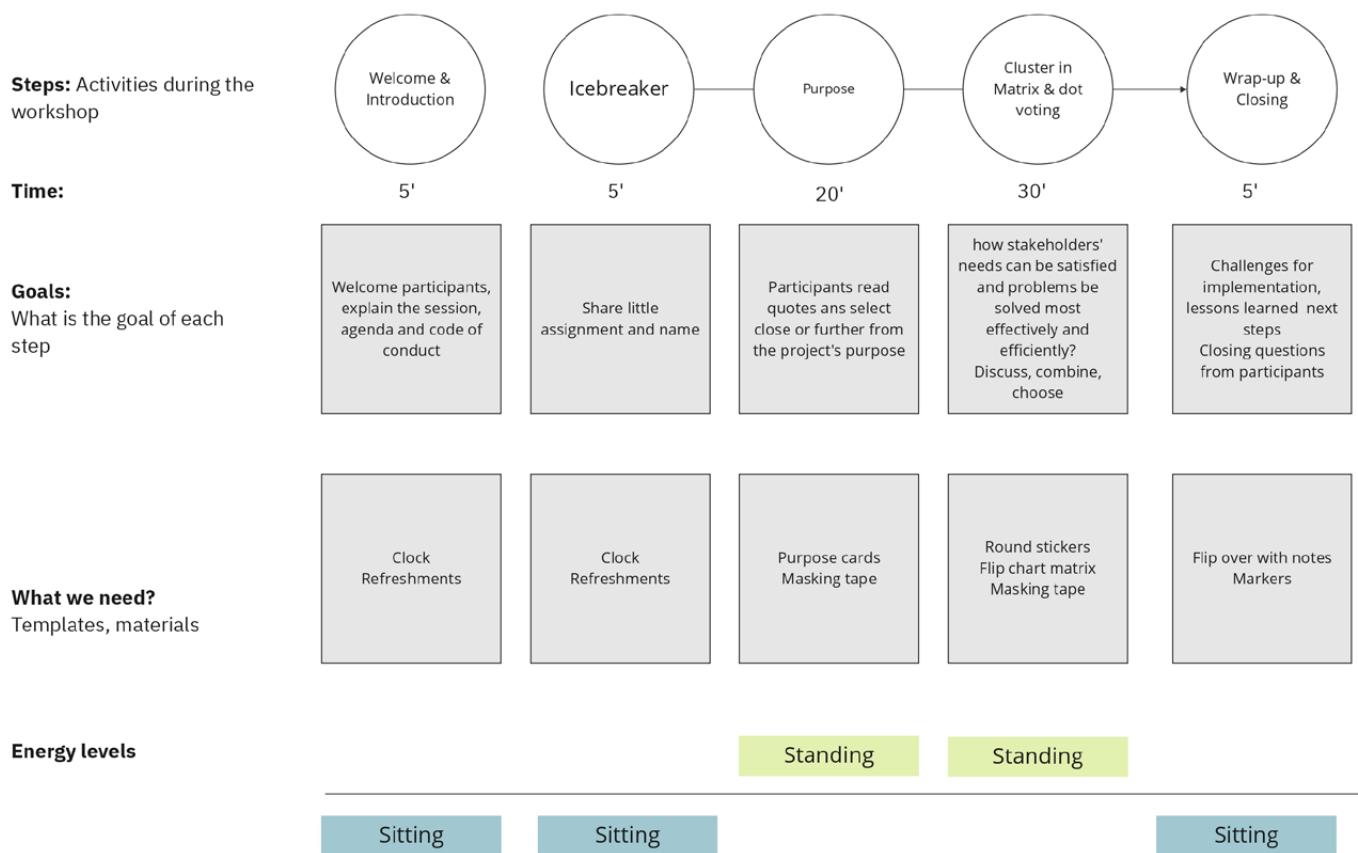
Clustering



J

Co-creation 2 Session — Set-up

The goal of the session was to discuss and agree on the purpose of the LIFE project. In addition, the session aimed to assess the value opportunities for LAOs.



K

Co-creation 2 Session — Visuals

Modified extracts from semi-structured interviews discussing the purpose of the LIFE project.

Purpose

*Work together to **create value** by enhancing each other*

*Smartly monitor and **optimize** energy assets*

*Large companies to be **front runners** in the energy transition*

*Residents to **develop capabilities to engage** with energy systems*

*Inclusive local energy system to enable **autonomy***

*Living lab that explores the **energy system of the future** in an urban area*

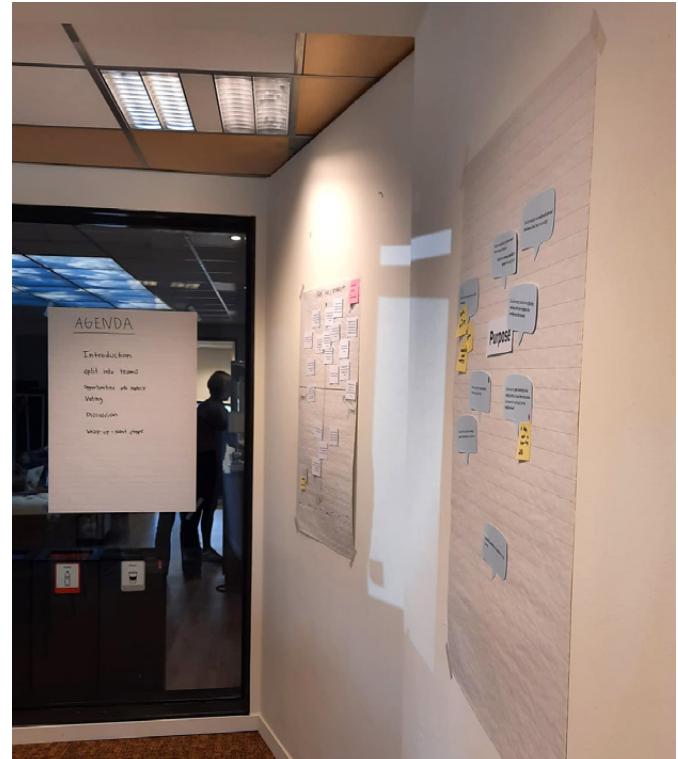
*Tool to monitor and **make well-informed decisions** about how to use energy*

*Allow users to **gain knowledge about energy assets** and **put them into practice** (commercial+ meaningful) **for the neighborhood***

*Use the energy network more **efficiently**, **solving with your neighbors** the **problems in the network***

L Co-creation 2 session — Activities

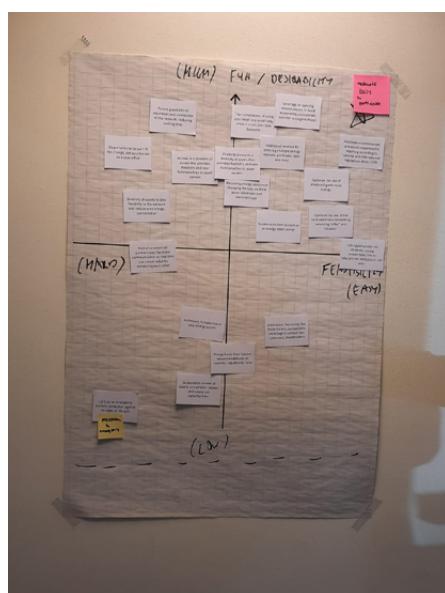
Summary of the session's activities: the purpose canvas and the impact/feasibility matrix.



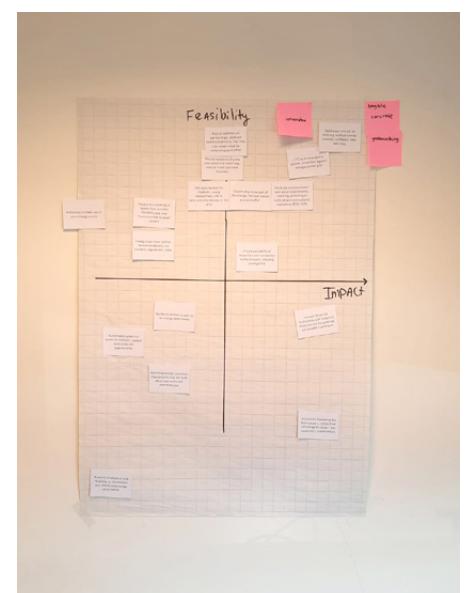
Canvas session set-up



Purpose canvas



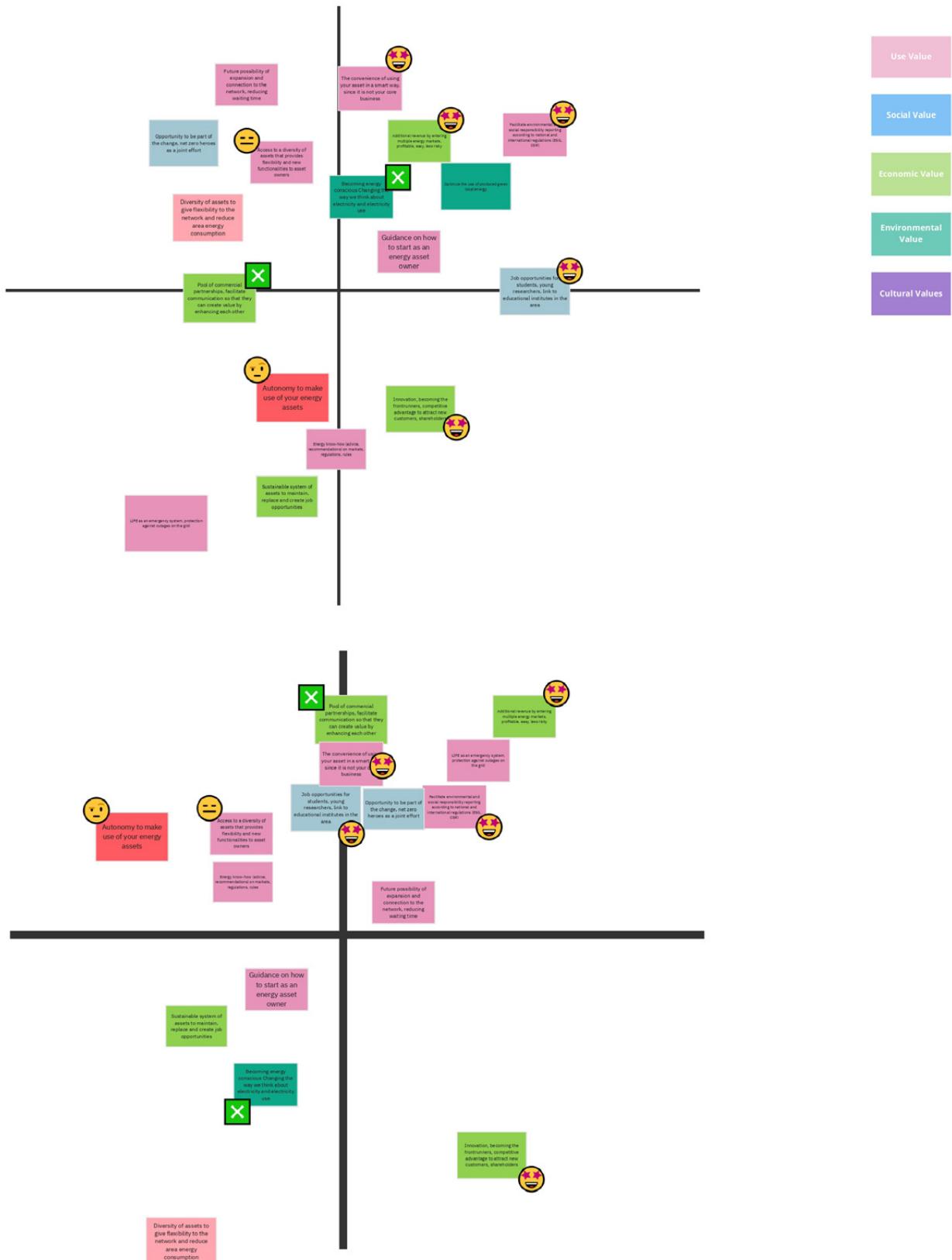
Feasibility/impact matrix Group 01



Feasibility/impact matrix Group 02

M Co-creation 2 — Analysis/ clustering

Analysis of impact/feasibility matrix, categorizing 'value opportunity cards' based on Bos-de Vos (2022), divergent values framework.

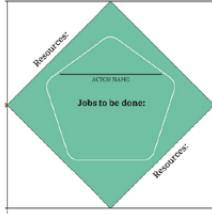


N

Tool Iteration 1

Initial tool iteration, including process and cards.

Cards

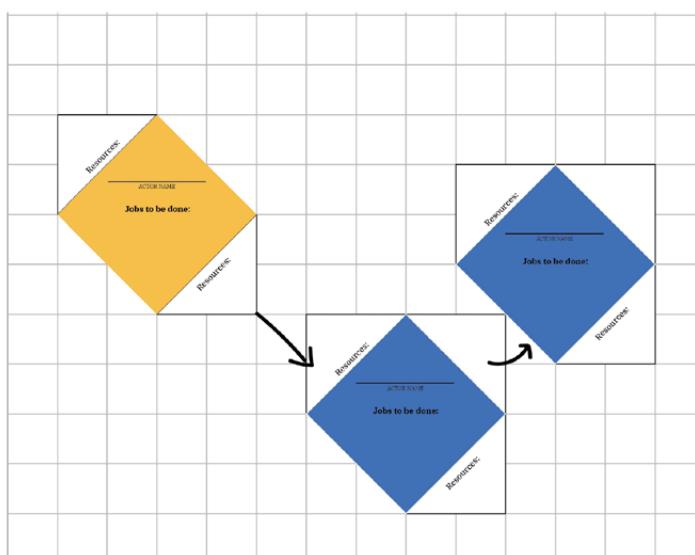
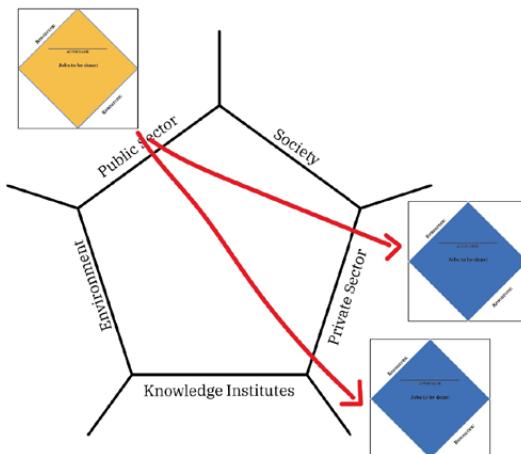
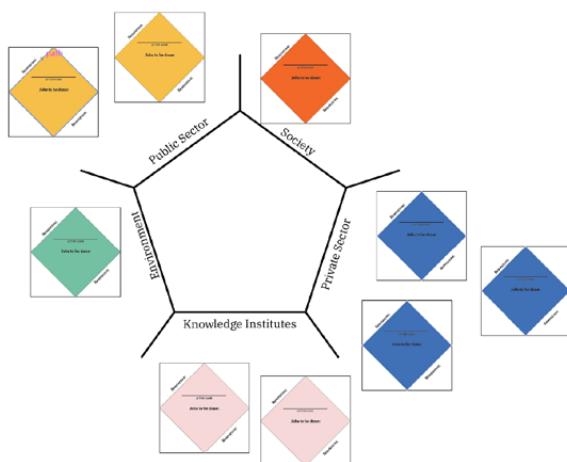


Values as qualities of worth							
Type of value	Use Value			Social Value	Economic Value		Environmental Value
Utility		Well-being & development		Symbolic meaning		Emotional meaning	
Functionality, convenience, using efficiency, durability, the extent to which a product is appropriate, compatibility	Tool, useful, safety, general, interesting, development	Expression of identity, signal of social status, prestige, status, honor, respect, admiration, political value, aesthetic value		Respect, pleasure, appreciation		Social prosperity	
						Social wealth	
						Human health, safety, security, justice, privacy	
						Minimum/no labor exploitation, fair living wages, sustainable growth, environmental efficiency	
						Money	
						Income, profit, wealth, affluence, growth, economic sustainability	
						Other economic value	
						Regulation, competition, efficiency, innovation, creativity, leadership	
							Preservation of the planet
							Ecological responsibility, reduction, reuse, recycling, reuse, low impact, long life, high quality

Adapted from: A framework for designing for emergent values Bos de Vos, M. 2020

Actor card

Process

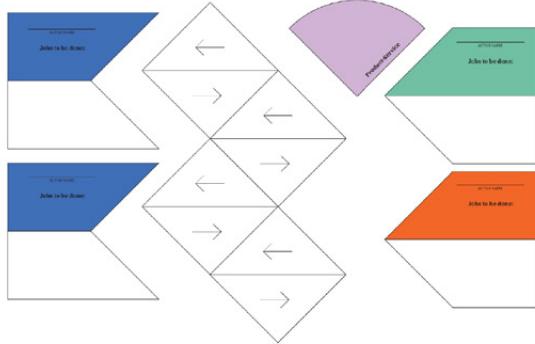


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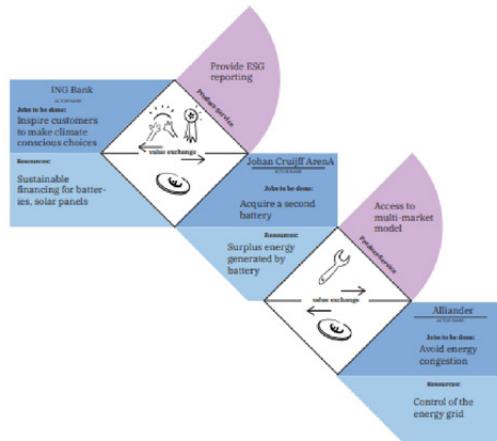
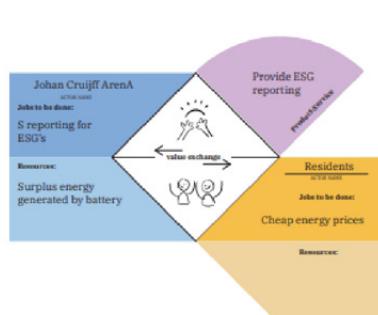
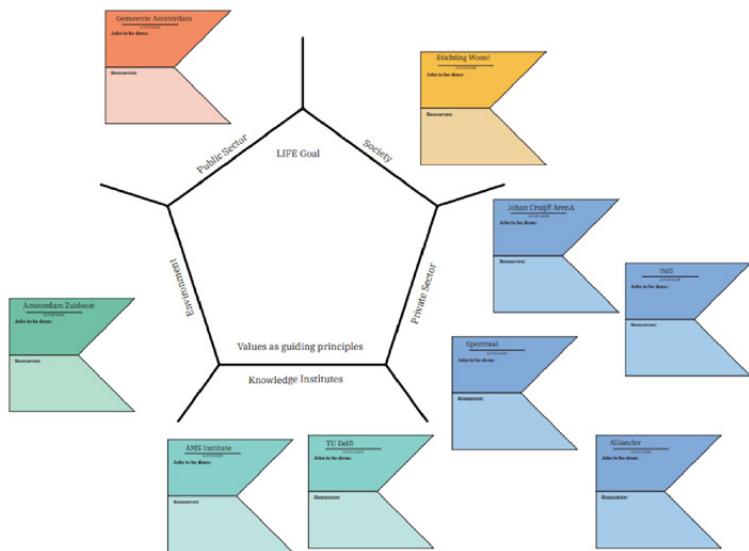
Tool Iteration 2

The second iteration of the instrument incorporates cards and a process for card assembly with already filled values.

Cards



Process

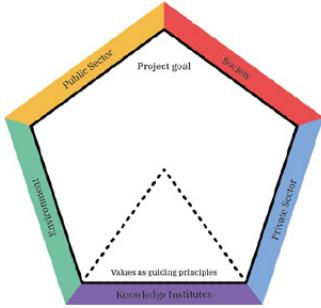


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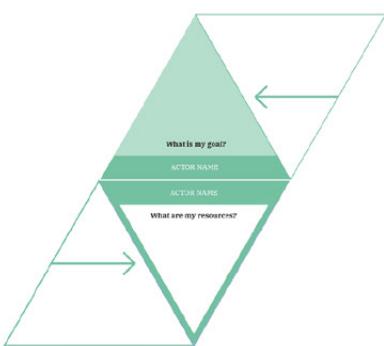
Tool Iteration 3

The tool's third iteration, including cards and process.

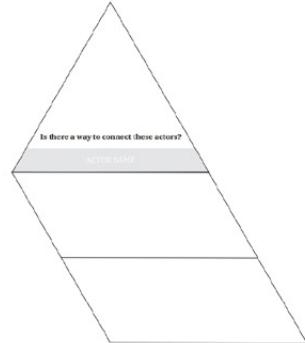
Cards



Purpose Helix



Actor cards



Wild card

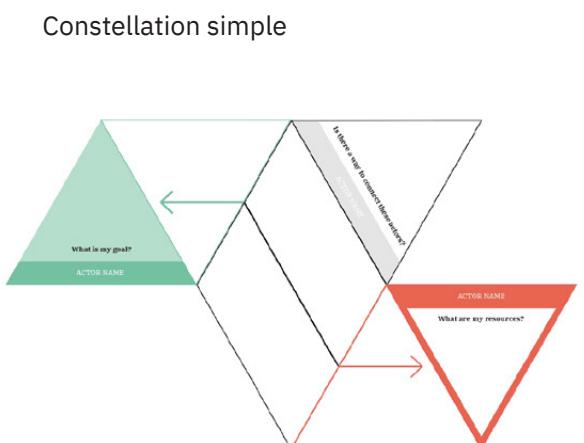
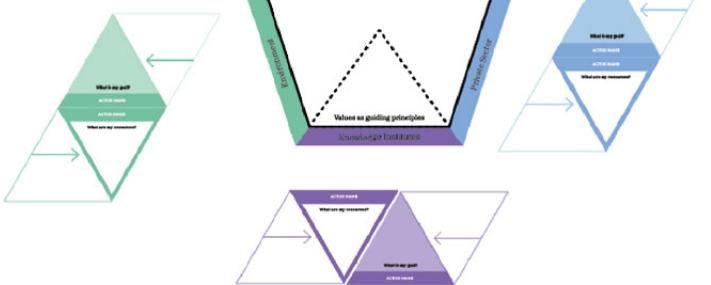


Value compass

Process



Constellation simple



Constellation wild card

Q

Pilot session — Set-up

The tool validation was piloted with design students in order to assess the session's materials, structure, and evaluation.

Location: Huis van de Toekomst **Goal:** Test and evaluate value ecosystem tool

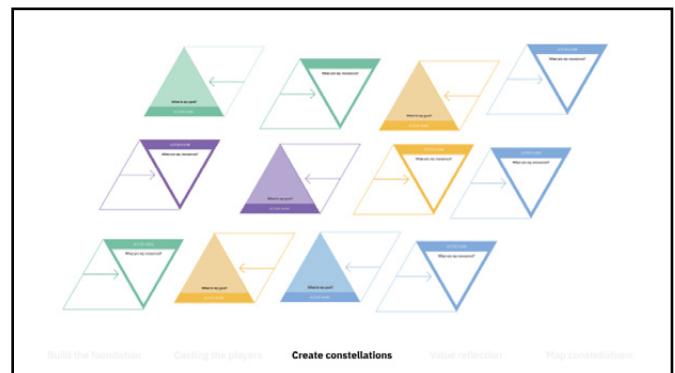
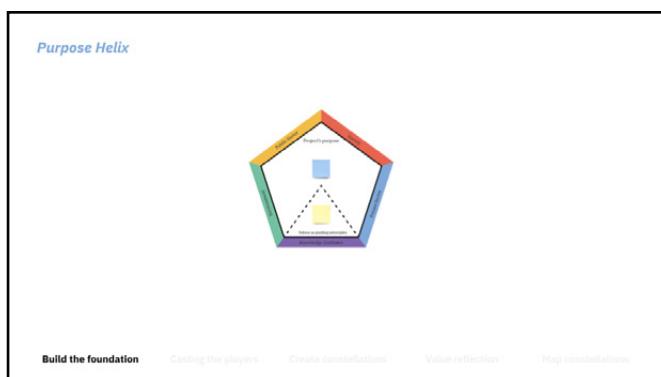
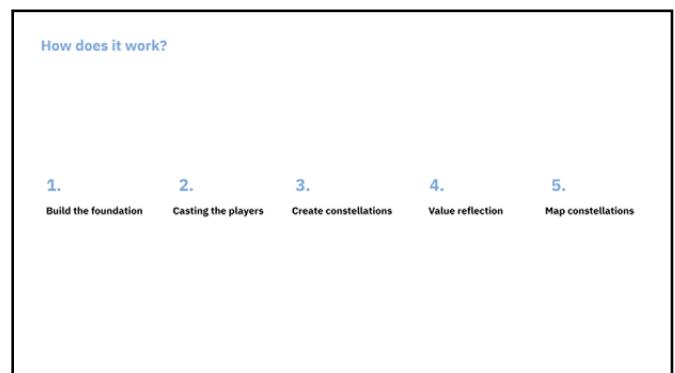
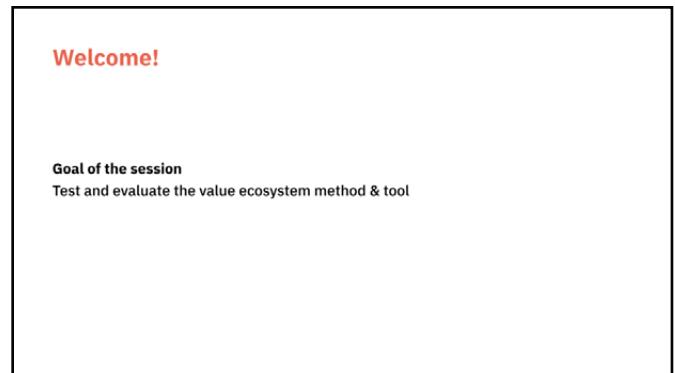
Time: 2hrs

Time	Duration	Activity	Who	To do	Material
11:00	5	Welcome & Introduction	Dafne	-Start audio recording	-Consent forms -Laptop (support slides) -Refreshments -Audio recording
11:05	10	Context & Tool Introduction Setting the scene -Introduce tool with example -Present previous steps, build the foundation, casting the players Everything clear? -Explain <i>create constellations</i> step Split in two groups	Dafne	-Distribute <i>feedback canvas</i> to gather notes on steps that will not be addressed in the workshop	-Laptop (support slides) -Refreshments -Feedback canvas -Post its -Markers -Audio recording
11:10	5	Short discussion, solve doubts	Together	-Add/adjust major changes	-value ecosystem canvas: -Purpose helix -Actor cards
11:15	5	Icebreaker	Together	*ecosystem metaphor	
11:20	60	Value ecosystem canvas 10min-Read through actor cards 25min>Create constellations 25min-Value reflection	They	-Start timer	-Actor cards -Value compass -Value dice -Post-its -Small post-its -Markers -Mobile for time
12:20	10	Break	Dafne	-Collect feedback forms	-Camera
12:30	20	Tool Evaluation Brief sharing Keep-kill-build Evaluation Form Peer feedback	They	-Distribute <i>Evaluation forms</i>	-Evaluation form -Pens/markers -Camera -Mobile for time
12:45	5	Wrap up & closing Closing questions Next Steps Take pictures of materials	Dafne	-Collect evaluation forms	-Camera -Consent forms

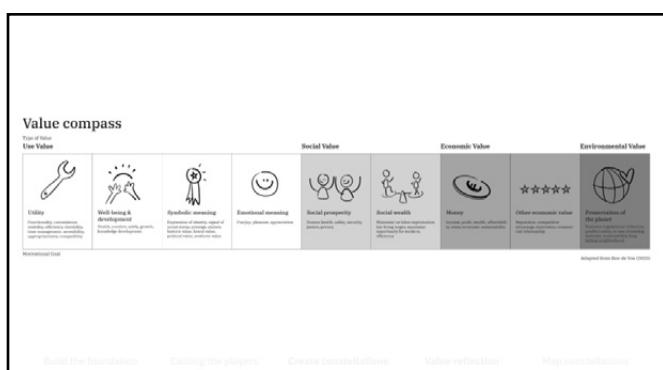
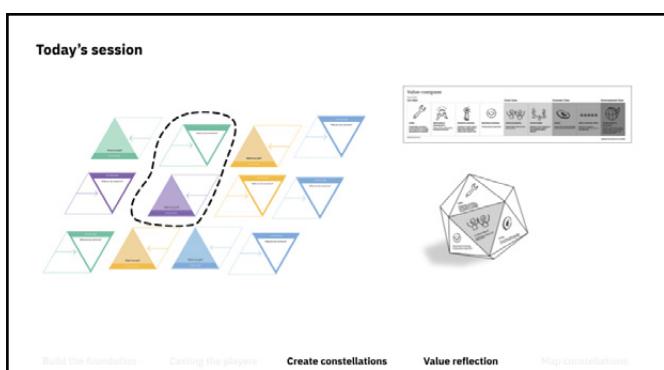
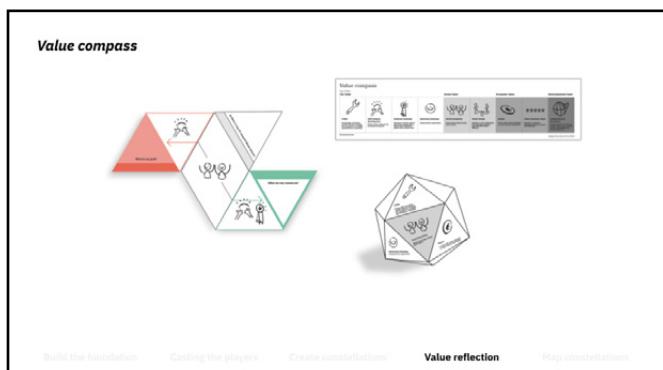
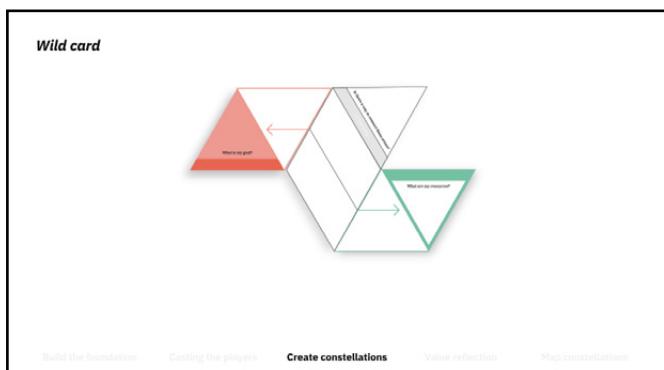
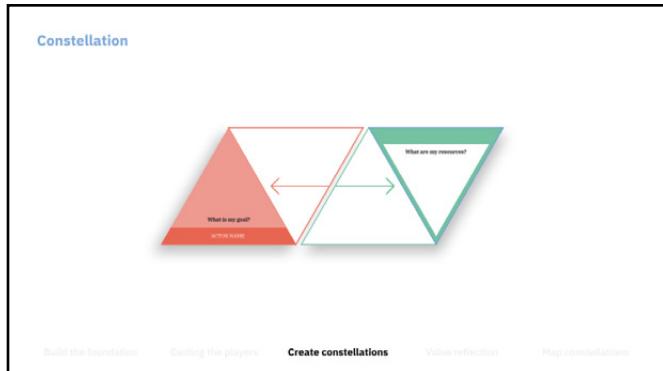
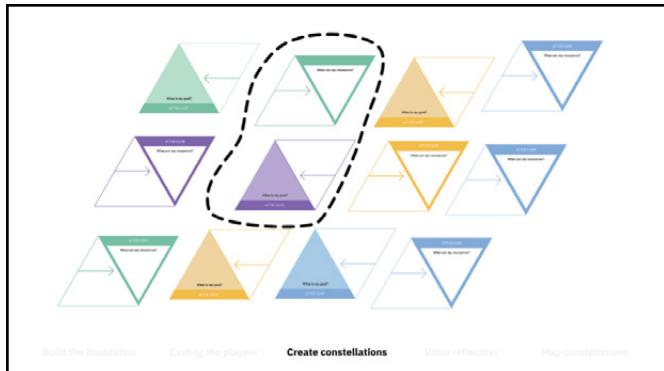
Q

Pilot session — Set-up

A set of slides used to facilitate the session.



Q **Pilot session — Set-up**



Q

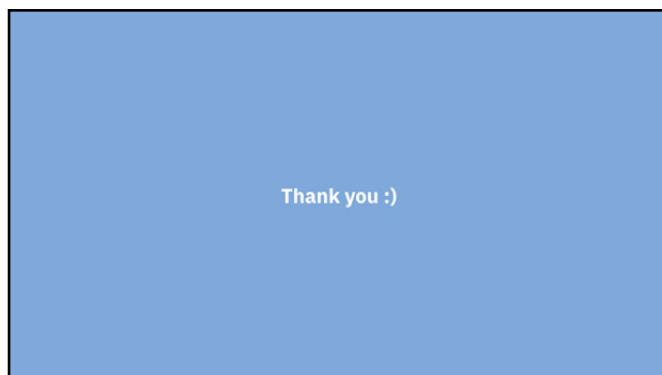
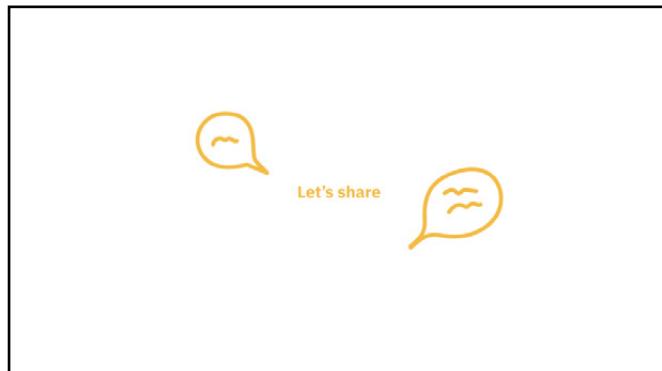
Pilot session — Set-up

Evaluation
Individual - 10 min

Keep
What did you like?

Kill
What would you remove?

Build
How would you improve it?



R

Pilot session — Facilitation Guide

Guide for pilot session including estimated time for each activity and facilitation questions.

Step No.	Step	Tool	Time	Description	Facilitation Guide
1	Setting the scene		10 min	Brief introduction to the tool alongside fully populated example	
2	Build the foundation		10min	Participants define the unit of analysis, may be a product, service or project. Using the <i>purpose helix</i> , participants agree on the purpose and establish values as guiding principles to guide actions within the ecosystem.	<p>Purpose</p> <ul style="list-style-type: none"> -What is the unit of analysis that we will focus on: product, service offering, project -What is the primary reason for the existence of our project and our (organization/consortium)? -Why should any actor care about the existence of (unit of analysis)? <p>Values as Guiding Principles</p> <ul style="list-style-type: none"> -What are the values act as our (unit of analysis) guides? -What are the values that guide our actions?
3	Casting the players		10min	The five segments of the helix are populated through facilitated brainstorming.	<p>Think about each of the actors:</p> <ul style="list-style-type: none"> -Who are the main actors in this ecosystem? -Which actors influence our operation? -Which actors have a similar purpose than us? -Who has an impact in our activities, maybe not directly?
			20min	Using the actors cards: actors goals, actors resources, participants fill in with actors more pertinent to the project's purpose.	<p>Actor's Cards</p> <p>Goals:</p> <ul style="list-style-type: none"> -What does this actor wants to achieve? -What are their objectives? -What can they be struggling with? <p>Resources</p> <ul style="list-style-type: none"> -Think about the resources each actor has (tangible/ intangible) Resources at the disposal of the actor to be utilized for value creation -Which facilities, materials, assets, does this actor has access to? -What are the competences, expertise, connections an actor has?
4	Create constellations		30min	Participants examine the actor's goals and resources and look for potential points of connection. The objective is to identify actors who could achieve their goals with another's resources.	<p>Constellations</p> <ul style="list-style-type: none"> Take a step back and look at the different actors goals and resources. Try to see potential ways in which they could help each other. Take one actor and see which potential resources could be connected -What if new capabilities or activities were introduced? -How might emerging technologies could offer potential solutions?
	Adding wild card		20min	After completing this exercise, the wild card is introduced. The wild card assists participants in determining whether there is a potential connection between the protagonists through the introduction of an activity, capability, product, or service.	<p>Wild card</p> <p>Do not be constrained by rationality or practicality of ideas</p> <ul style="list-style-type: none"> -How might new partnerships be created to fulfill an actors goals? -What if an additional partner was added? -What if they offer additional activities, products or services? <p>Zoom out and look at all the actors:</p> <ul style="list-style-type: none"> -Are there goals from one actor that influence the goal of another one?

Diverging

Reverging

R

Pilot session — Facilitation Guide

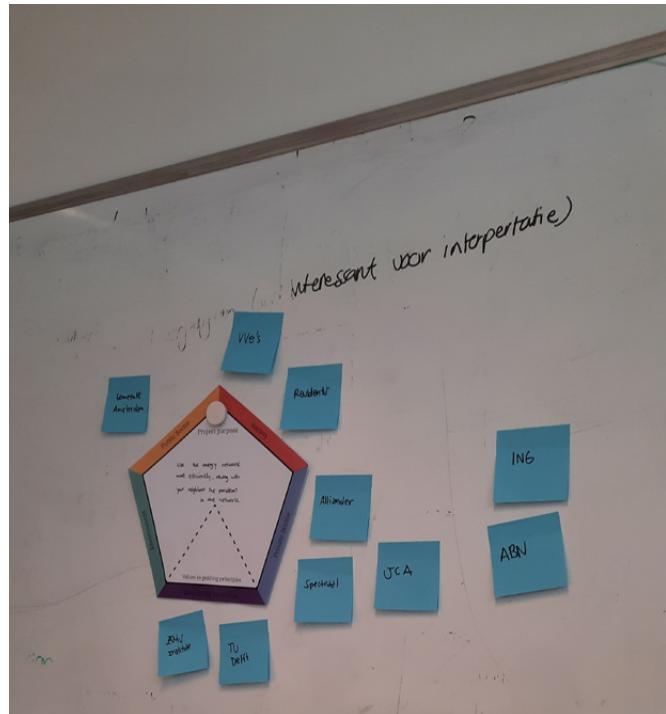
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S Pilot session — Activities

The session focused on the steps of creating constellations and naming values.



With actor cards on the table, participants seek for constellations.



Purpose Helix with actors



Constellations and value exchanges with colored post-its

T

Pilot session—Evaluation Form

Evaluation form used during pilot session to evaluate usability and tool's method.

Evaluation Form

How did you feel about participating in the creative session today? Feel free to give your opinion in this form and share your last comments or ideas.

1.1 Value Ecosystem

	Totally disagree		Totally agree				
1.1 The tool supported me to identify actors in the ecosystem	<input type="radio"/>						
1.2 The tool helped me to understand actors roles and interactions	<input type="radio"/>						
1.3 The tool helped to identify potential value connections between actors	<input type="radio"/>						
1.4 The tool helped me to explore innovative value connections with other actors	<input type="radio"/>						
1.5 The tool is supported by 'value compass' (see figure 1.1). To what extend did you find these compass useful to support the naming of values?	<input type="radio"/>						
1.6 The tool is supported by 'value dice' (see figure 1.2). To what extend did you find these dice helpful in incorporating new values that were not previously considered?	<input type="radio"/>						



Figure 1.1 Value compass

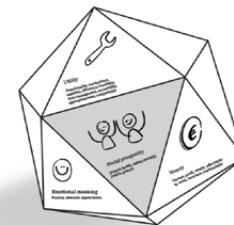


Figure 1.2 Value dice

Space for comments or ideas:

T

Pilot session—Evaluation Form

2. The way of collaboration

2.1 Did the workshop help you to generating ideas? Please explain your answer, what was more useful or less? Why?

Space for comments or ideas:

2.2 What have you learned from applying the tool?

Space for comments or ideas:

3. Keep-Kill-Build

3.1 How can the workshop be improved? What went well, and what should be started/stopped/considered or continued?

	Keep	Kill	Build
Build the foundation			
Casting the players			
Create constellations			
Value Reflection			
Map constellations			

U

Pilot session — Evaluation Form results

Forms filled out by participants during the pilot session.

Evaluation Form

How did you feel about participating in the creative session today? Feel free to give your opinion in this form and share your last comments or ideas.

1.1 Value Ecosystem

1.1 The tool supported me to identify actors in the ecosystem

Totally disagree Totally agree

1.2 The tool helped me to understand actors roles and interactions

I don't know if these are perceived roles, possible roles vs actual roles.

1.3 The tool helped to identify potential value connections between actors

1.4 The tool helped me to explore innovative value connections with other actors definitely explore innovative? IDK what innovative would mean in this context.

1.5 The tool is supported by 'value compass' (see figure 1.1). To what extend did you find these compass useful to support the naming of values?

shifted conversation from exchange of values, to categorisation itself.

1.6 The tool is supported by 'value dice' (see figure 1.2).

1.2 To what extend did you find these dice helpful in incorporating new values that were not previously considered?



Figure 1.1 Value compass



Figure 1.2 Value dice

Space for comments or ideas:

1. All about connections / value exchange
2. The actual stakeholders of value exchange can decide (on the categorisation of value).
representatives

01/02

2. The way of collaboration

2.1 Did the workshop helped you to generating ideas? Please explain your answer, what was more useful or less? Why?

Space for comments or ideas:

Useful because the arrows make you believe in the possibility for connection, so then you find the connection.

2.2 What have you learned from applying the tool?

Space for comments or ideas:

There are many ways to collaborate.

3. Keep-Kill-Build

3.1 How can the workshop be improved? What went well, and what should be started/stopped/considered or continued?

Feedback canvas

Write down your thoughts and initial ideas while you listen to the explanation. Is something not clear? What could be improved/stopped or considered?

	Keep	Kill	Build
Build the foundation	FOCUS		unrelated
Casting the players	★ ★		→ Value in judging Principle (beginning - need?) MBSI - Example
Create constellations			
Value Reflection	† †		1
Map constellations			

U

Pilot session — Evaluation Form results

Evaluation Form

How did you feel about participating in the creative session today? Feel free to give your opinion in this form and share your last comments or ideas.

1.1 Value Ecosystem

- ### 1.1 The tool supported me to identify actors in the ecosystem

- 1.2 The tool helped me to understand actors roles and interactions

○ ○ ○ ○ **✗** ○

- 1.3 The tool helped to identify potential value connections between actors

- 1.5 The tool helped me to explore innovative value connections with other actors

○ ○ ○ ○ × ○ ○

- 1.6 The tool is supported by 'value dice' (see figure 1.2). To what extend did you find these dice helpful in incorporating new values that were not

○ ○ ○ ○ ○ ○ ✗



Figure 1.1 Value compass



Figure 1.2 Value dice

Space for comments or ideas:

"FEELING THE VALUES WILL BE HETEROGENEOUS BUT EASILY ADAPTABLE WITH THE CONTEXT. IN OTHERS MIGHT BE TOO. ~~IF YOU CENTERED~~. COULD BE A GREAT INSIGHT FOR FUTURE WORK SUGGESTIONS.
"HOW WOULD THE CHIEF VALUES AFFECT HOW THE EXCHANGE IS UNDERSTOOD?"
~~INTEGRATION~~

01/02

2. The way of collaboration

- 2.1 Did the workshop helped you to generating ideas? Please explain your answer, what was more useful or less? Why?

Space for comments or ideas:

Some ideas I had heard already, like the knowledge sharing
It's nice to see it together.

- ## 2.2 What have you learned from applying the tool?

Space for comments or ideas:

The complexity of the goals connected was really nice to see. Also the easiness everyone made these connections.

3. Keep-Kill-Build

- 3.1 How can the workshop be improved? What went well, and what should be started/stopped/considered or continued?

	Keep	Kill	Build
Build the foundation			
Casting the players	colors		1 actor per person? familiarise with goals
Create constellations	really nice!		
Value Reflection	Values are created in interactions. wasn't really intuitive to put it on the white		
Map constellations			

02/02

U

Pilot session — Evaluation Form results

Evaluation Form

How did you feel about participating in the creative session today? Feel free to give your opinion in this form and share your last comments or ideas.

1.1 Value Ecosystem

- 1.1 The tool supported me to identify actors in the ecosystem
 - 1.2 The tool helped me to understand roles actors and interactions
 - 1.3 The tool helped to identify potential value connections between actors
 - 1.4 The tool helped me to explore innovative value connections with other actors
 - 1.5 The tool is supported by 'value compass' (see figure 1.1). To what extent did you find these compass useful to support the naming of values?
 - 1.6 The tool is supported by 'value dice' (see figure 1.2). To what extent did you find these dice helpful in incorporating new values that were not previously considered?



Figure 1.1 Value compass



Figure 1.2 Value dice

Space for comments or ideas:

- The arrow could be one-directional to make the value flow clear (from resource giver to receiver)
 - There are goals can be fulfilled by multiple resources & or vis versa, & Can give space for such connection
 - The "motivation" of the resource giver is not clearly explored in the tool. The value reflection part, achieved part of the motivation exploration, while it could be more explicit
 - Participants tend to work with actors that are given. We didn't add more actors that aren't already existing. i.e. the environment. How to encourage participants to think about broader actors?

01/02

U

Pilot session — Evaluation Form results

Evaluation Form

How did you feel about participating in the creative session today? Feel free to give your opinion in this form and share your last comments or ideas.

1.1 Value Ecosystem

1.1 The tool supported me to identify actors in the ecosystem

1.2 The tool helped me to understand actors roles and interactions

1.3 The tool helped to identify potential value connections between actors

1.4 The tool helped me to explore innovative value connections with other actors

1.5 The tool is supported by 'value compass' (see figure 1.1). To what extend did you find these compass useful to support the naming of values?

1.6 The tool is supported by 'value dice' (see figure 1.2). To what extend did you find these dice helpful in incorporating new values that were not previously considered?

Figure 1.1 Value compass



Figure 1.2 Value dice



Space for comments or ideas:

THE BEGINNING OF THE "CREATE CONSTELLATION" FELT A BIT OVERWHELMING - MAYBE ADDING A "RULE" TO HELP GETTING IT STARTED.

01/02

2. The way of collaboration

2.1 Did the workshop helped you to generating ideas? Please explain your answer, what was more useful or less? Why?

Space for comments or ideas:

THE SHAPES WERE VERY USEFUL TO CONNECT DIFFERENT PARTS (ALSO GIVING THE RIGHT AFFORDANCE).

2.2 What have you learned from applying the tool?

Space for comments or ideas:

THE TOOL SHOWED ME THAT STAKEHOLDERS ARE MULTIFACETED & THAT DIFFERENT VALUES CAN BE USED AS A LENS TO CONSIDER.

3. Keep-Kill-Build

3.1 How can the workshop be improved? What went well, and what should be started/stopped/considered or continued?

	Keep	Kill	Build
Build the foundation	U		
Casting the players	U		
Create constellations			
Value Reflection			
Map constellations			

CLARIFY A LITTLE THE TWO STEPS / HOW THEY ARE DIFFERENT.

02/02

Feedback canvas

Write down your thoughts and initial ideas while you listen to the explanation. Is something not clear? What could be improved/stopped or considered?

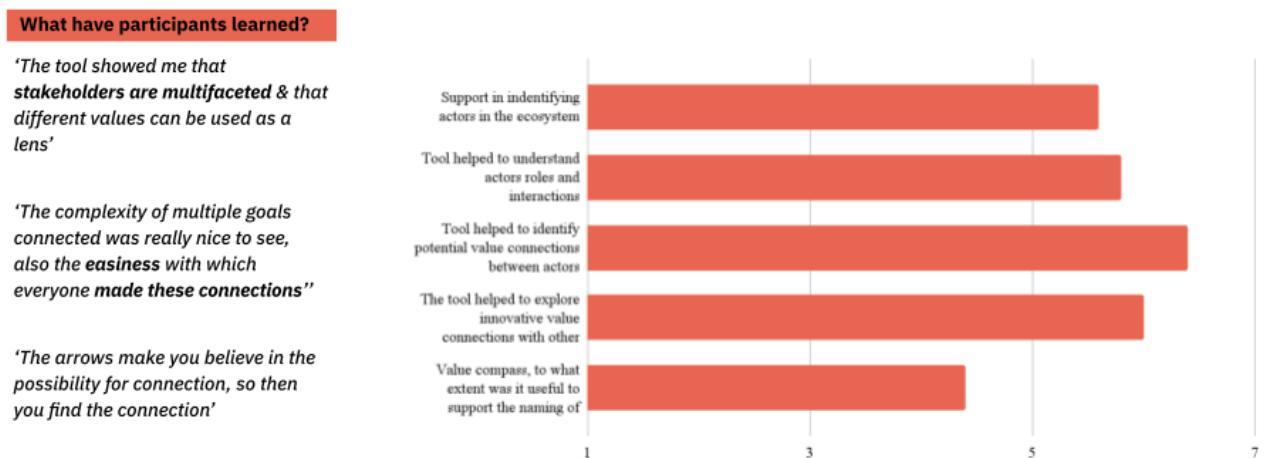
	Keep	Kill	Build
Build the foundation			
Casting the players			
Create constellations	GOALS/DEFINITION MAINTAIN CONNECTION (JOURNEY)		this phase has 3 sub steps - maybe then emerge more?
Value Reflection			
Map constellations			I'm not sure if this is a second round of making connections, or if it's a different element.

U

Pilot session- Evaluation Form results

Using a Likert scale ranging from one to seven points, quantitative results are displayed as a bar chart.

Pilot session



A keep-kill-build table expressing qualitative feedback on the tool's method.

Pilot session

	Keep	Kill	Build	
Build the foundation		Values as guiding principles seem to connect to knowledge institutes		-Purpose Helix adjusted
Casting the players	*Add colors		- Cards with an example -Specify for Environment. Are the actors, flora & fauna, water, planet city? -1 actor per participant to familiarize with goals	-Participants role-playing actors
Create constellations	Good to have a goal per card	*should values as guiding principles come back -The beginning is overwhelming, perhaps add a 'rule' to help getting it started	-Multiple actors resources to achieve a goal. How to show it with the card	-Reflect on values as guiding principles -Start from one actor, to break the ice
Value Reflection	Great to provoke discussions	Not really intuitive to write on the white section	Add color coding to values to lower their density Value compass per participant	-Color code on values -Adjustment on card shape -Value compass per participant
Map constellations				-Reflect on goals that are not fulfilled -Constellations to analyze activities

V

Validation session — Set up

The tool was validated with project partners from the LIFE project, the following guide provides a guide for the facilitator.

Location: Huis van de Toekomst

Goal: Test and evaluate value ecosystem tool

Time: 2hrs

Time	Duration	Activity	Who	To do	Material
11:00	5	Welcome & Introduction	Dafne	-Start audio recording	-Consent forms -Laptop (support slides) -Refreshments -Audio recording
11:05	10	Context & Tool Introduction Setting the scene -Introduce tool with example -Present previous steps, build the foundation, casting the players Everything clear? -Explain <i>create constellations</i> step Split in two groups	Dafne	-Distribute <i>feedback canvas</i> to gather notes on steps that will not be addressed in the workshop	-Laptop (support slides) -Refreshments -Feedback canvas -Post its -Markers -Audio recording
11:10	5	Short discussion, solve doubts	Together	-Add/adjust major changes	-value ecosystem canvas: -Purpose helix -Actor cards
11:15	5	Icebreaker	Together	*ecosystem metaphor	
11:20	60	Value ecosystem canvas 10min-Read through actor cards 25min>Create constellations 25min-Value reflection	They	-Start timer	-Actor cards -Value compass -Value dice -Post-its -Small post-its -Markers -Mobile for time
12:20	10	Break	Dafne	-Collect feedback forms	-Camera
12:30	20	Tool Evaluation Brief sharing Keep-kill-build Evaluation Form Peer feedback	They	-Distribute <i>Evaluation forms</i>	-Evaluation form -Pens/markers -Camera -Mobile for time
12:45	5	Wrap up & closing Closing questions Next Steps Take pictures of materials	Dafne	-Collect evaluation forms	-Camera -Consent forms

V

Validation session — Facilitation Guide

Facilitation guide

Value Ecosystem canvas

Detailed description of workshop steps

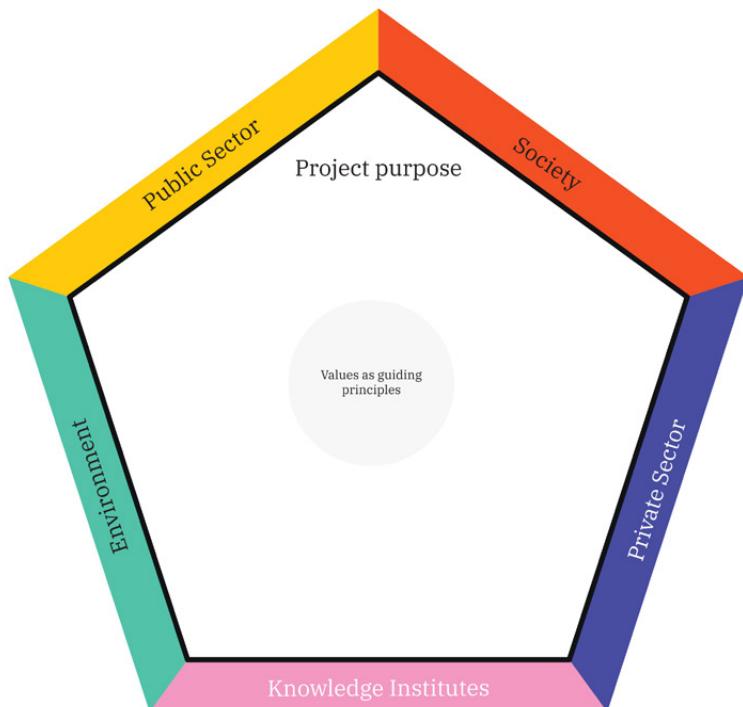
Step No.	Step	Tool	Time	Description	Facilitation Guide
1	Setting the scene		10 min	Brief introduction to the tool alongside fully populated example	
Purpose & actors in the ecosystem					
2	Establish the principles		10min	Subsequently, in establish the principles, participants will define the unit of analysis, which may be a product, a service, or a project offered by the collaborative network. Using the purpose helix, participants will agree on the purpose of the unit of analysis and using the value as guiding principles compass, establish the values as guiding principles for actions within the ecosystem.	<p>Purpose</p> <ul style="list-style-type: none"> -What is the unit of analysis that we will focus on: product, service offering, project -What is the primary reason for the existence of our project and our (organization/consortium)? -Why should any actor care about the existence of (unit of analysis)? <p>Values as Guiding Principles</p> <ul style="list-style-type: none"> -What are the values that act as our (unit of analysis) guides? -What are the values that guide our actions?
3	Casting the actors		10min	The five segments of the helix are populated through facilitated brainstorming. Taking into consideration the actors who may play a role in achieving the collaborative network's purpose. This could include potential customers, competitors, suppliers, or other businesses with distinct responsibilities but potentially similar objectives. A color will be allocated to the chosen actors based on the sector to which they belong; each actor will be assigned actor cards.	<p>Think about each of the actors:</p> <ul style="list-style-type: none"> -Who are the main actors in this ecosystem? -Which actors influence our operation? -Which actors have a similar purpose than us? -Who has an impact in our activities, maybe not directly?
4	Actors goals & resources		20min	The next phase will depend on the configuration of the workshop and the stage of the project, as well as whether or not the actors will be present at the session. When the tool is used in an exploratory phase, website and report analysis can be used to fill in the actor cards with the objectives and resources of potential actors. When actors will be present at the workshop, questions are sent in advance so that they can complete their actor cards. Actors may have multiple objectives and resources, but only those that are most relevant to the project's purpose should be included on their cards.	<p>Actor's Cards</p> <p>Goals</p> <ul style="list-style-type: none"> -What does this actor wants to achieve? -What are their objectives? -What can they be struggling with? <p>Resources</p> <ul style="list-style-type: none"> -Think about the resources each actor has (tangible/ intangible) Resources at the disposal of the actor to be utilized for value creation -Which facilities, materials, assets, does this actor has access to? -What are the competences, expertise, connections an actor has?
50min					
Value constellations					
5	Create constellations		30min	Using the completed actor cards from the previous stage as a guide, the next step is to create constellations. Participants examine the actor's goals and resources cards and look for potential points of connection. The objective is to identify actors who could achieve their goals with another's resources. After completing this exercise, the wild card is introduced. The wild card assists participants in determining whether there is a potential connection between the protagonists through the introduction of an activity, capability, product, or service. Actors that are presently absent from the ecosystem may be introduced.	<p>Constellations</p> <ul style="list-style-type: none"> Take a step back and look at the different actors goals and resources. Try to see potential ways in which they could help each other. Take one actor and see which potential resources could be connected -What if new capabilities or activities were introduced? -How might emerging technologies could offer potential solutions? <p>Wild card</p> <ul style="list-style-type: none"> Do not be constrained by rationality or practicality of ideas -How might new partnerships be created to fulfill an actors goals? -What if an additional partner was added? -What if they offer additional activities, products or services? <p>Zoom out and look at all the actors:</p> <ul style="list-style-type: none"> -Are there goals from one actor that influence the goal of another one?
Reverging					

V

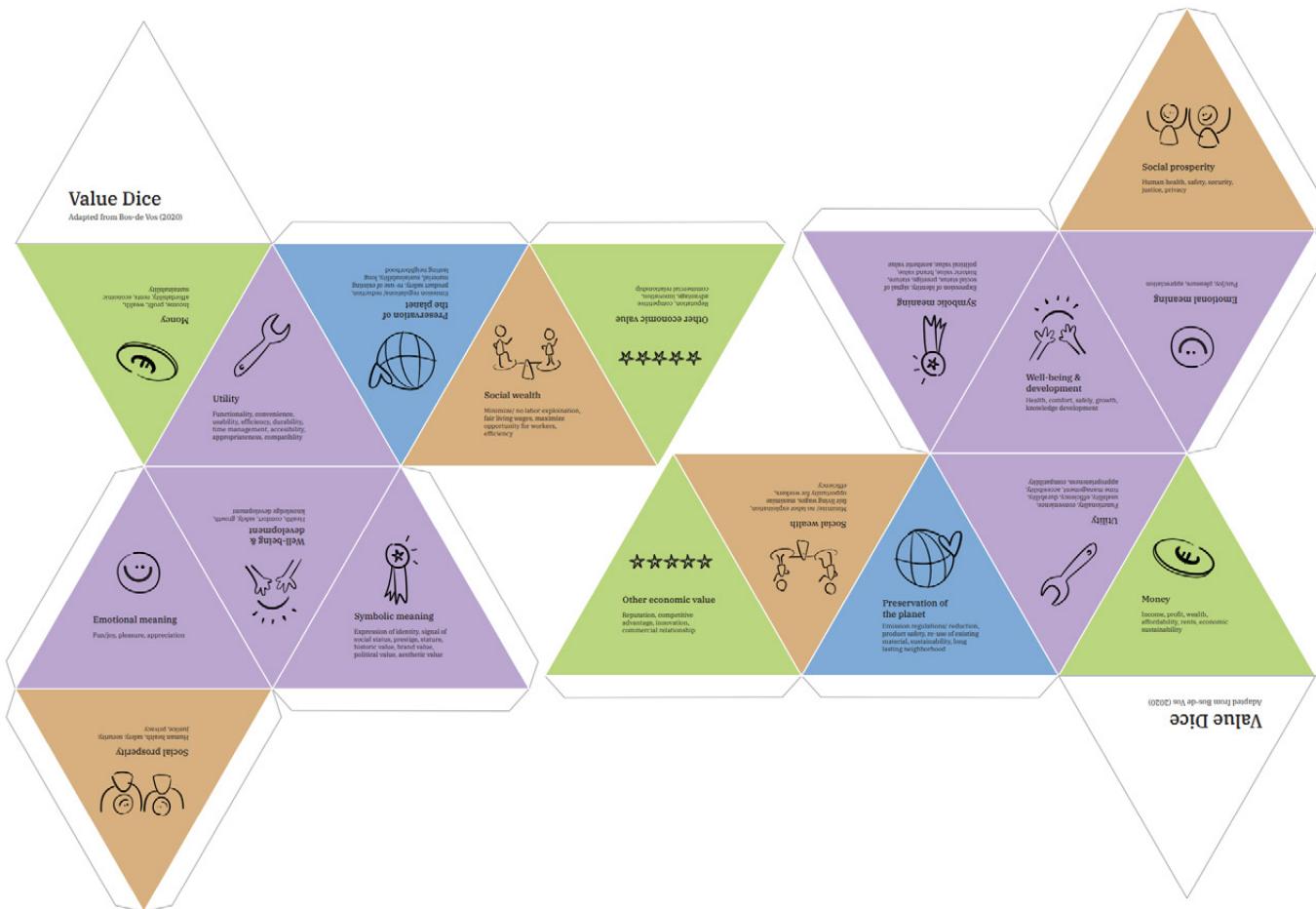
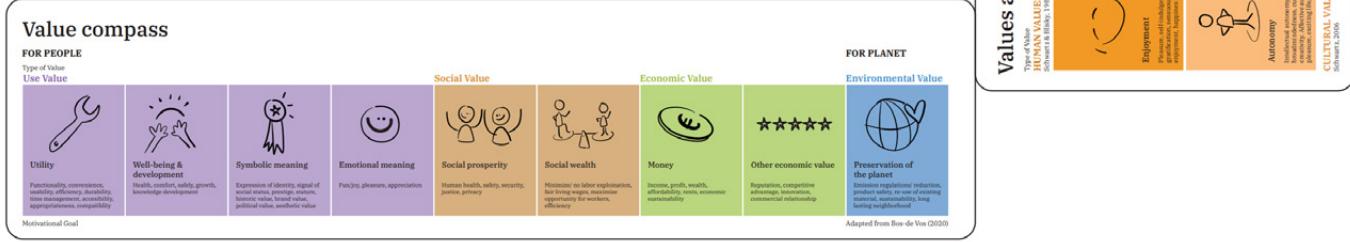
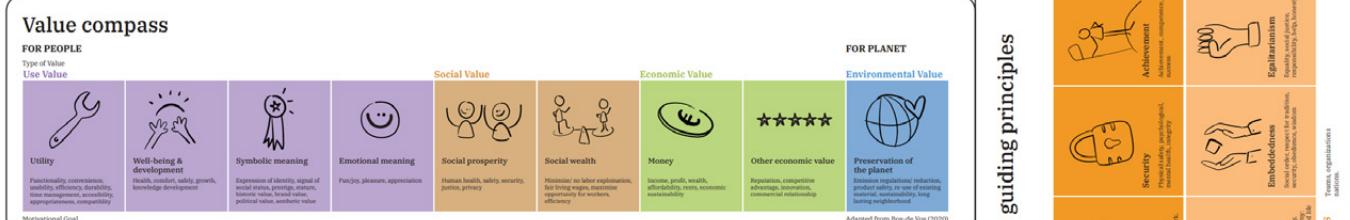
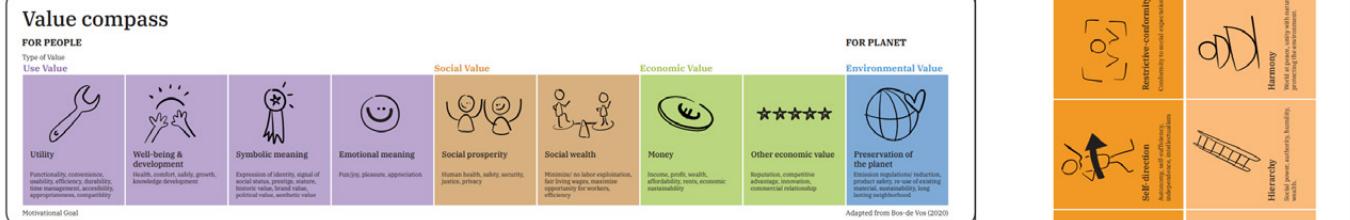
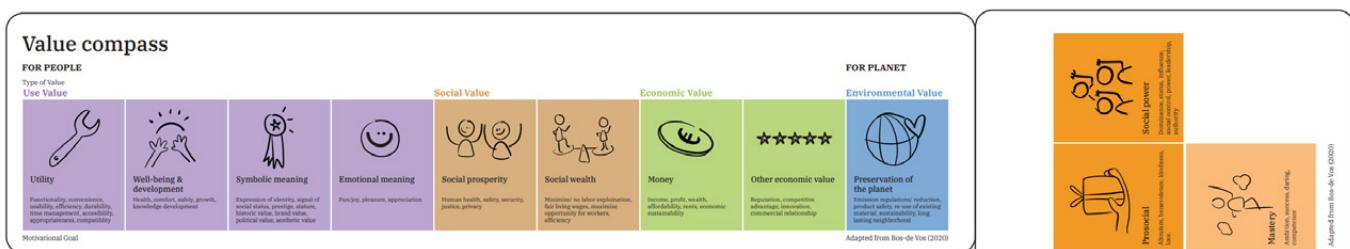
Validation session — Facilitation Guide

	<p>5 Naming values</p>		20min	<p>Once potential constellations have been established, Naming values provides participants with the value compass so they can identify the values being exchanged between actors. If an actor provides X to another actor, what values do they receive in exchange? Participants use the value stickers to label the type of value being captured by each of the actors.</p>	<p>Value Reflection Now let's take a step back and look at the value compass. These values are a classification of worth qualities, grouped in different types of value. Start from one constellation, imagine the exchange happens: -What could be potential values that each actor think as worthy? -If an actor provides X to another actor, what values do they receive in exchange? Try to go beyond the assumption that actor pursue economic value, what other types of value could be interesting to explore?</p>
	<p>*Value Dice</p>		10min	<p>In this phase, the value dice is introduced as an entertaining way to determine if there is an opportunity to promote undiscovered value within the ecosystem. Participants are asked to consider the project's purpose and guiding values. In this step, the value dice is used to begin from a previously unexplored value and determine if there is an opportunity to promote it within the ecosystem.</p>	<p>Value Dice Look at the values mapped in the ecosystem, and then circle back to the purpose helix and the values as guiding principles. Are there any values that are missing? Roll the value dice and pick a value type that hasn't been used yet. Evaluate the current constellations. -Could this value be promoted in the ecosystem in some way? -Who among the actors could influence another to promote this value?</p>
	<p>Explore constellations</p>		10min 20min	<p>Participants are then asked to summarize in a constellation statement the constellations created, including actors, goals, resources, and values exchanged.</p> <p>Then, they are asked to look back and reflect on the purpose helix and guiding values. Considering which constellations are more or less aligned with the purpose helix. Constellations that are more in line with the purpose helix are prioritized.</p>	<p>Let's summarize the constellation using the constellation statement to guide us. For actor A that want to goal, actor B offers wild card, using actor C resources, achieving value</p> <p>Let's summarize the constellation using the constellation statement to guide us.</p>
	<p>Define interventions</p>		20min	<p>The workshop ends with participants defining the first activities or interventions that they could take to explore the constellations further, leading to the potential involvement of an additional stakeholder or value exchange in the project. To reduce uncertainty in the value exchange, it is necessary to evaluate the assumptions outlined in the value ecosystem canvas.</p>	<p>Using the constellation map as inspiration, let's use post-it notes to ask ourselves: 'What can I do tomorrow to take a step further to achieve this constellation?' -Is there something I can look into, somebody I can question, or someone I can get in touch with? -How can we modify our approach to make this happen?</p>
2hrs					

W Validation session — Visuals

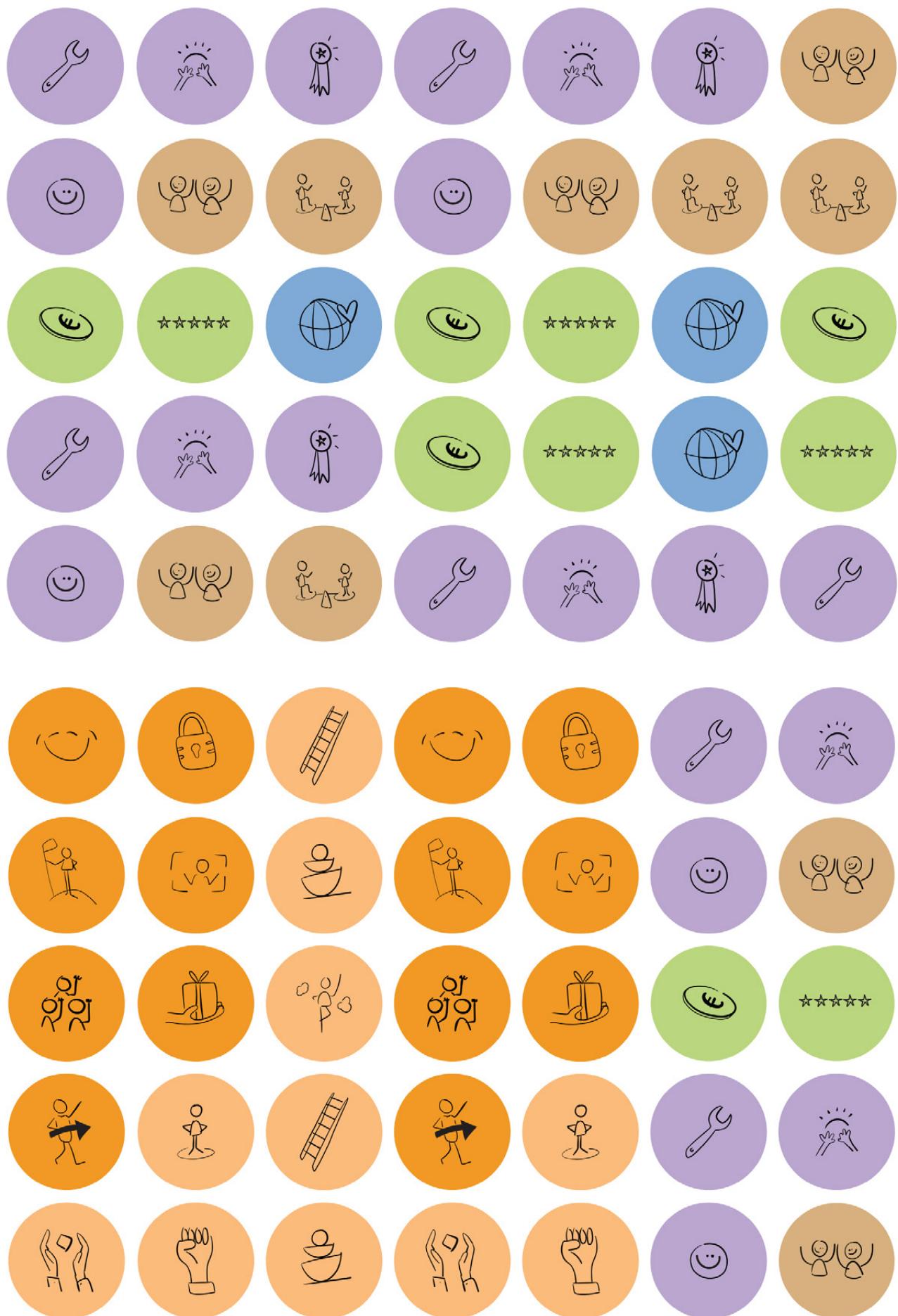


Purpose Helix



Value Dice

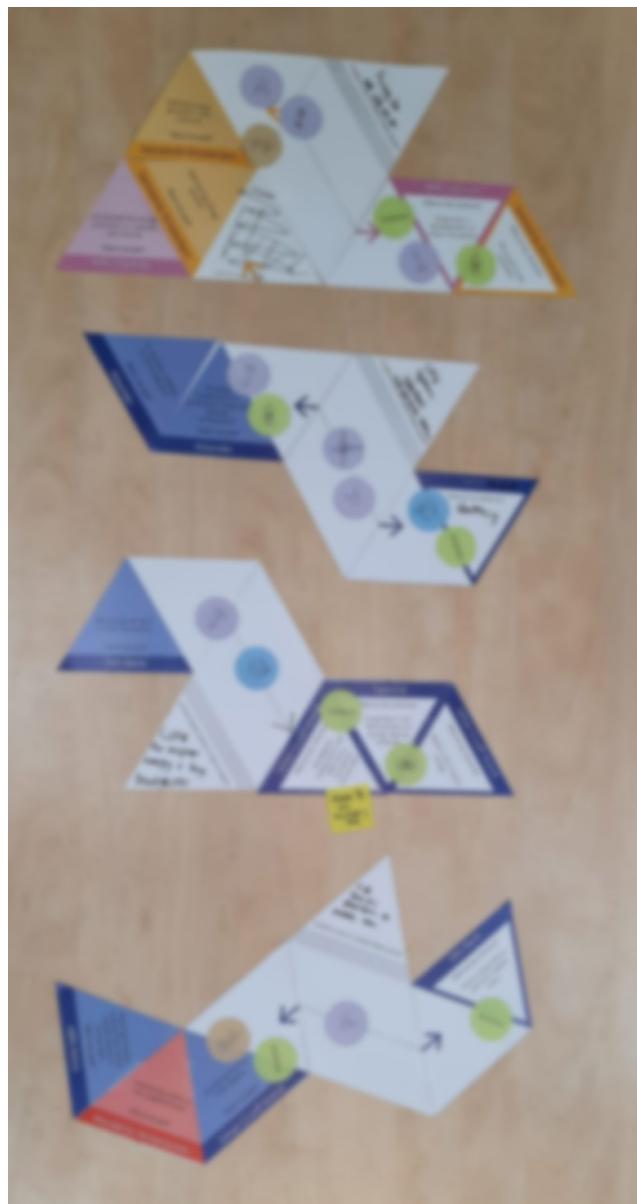
Value Stickers



X

Validation session — Activities

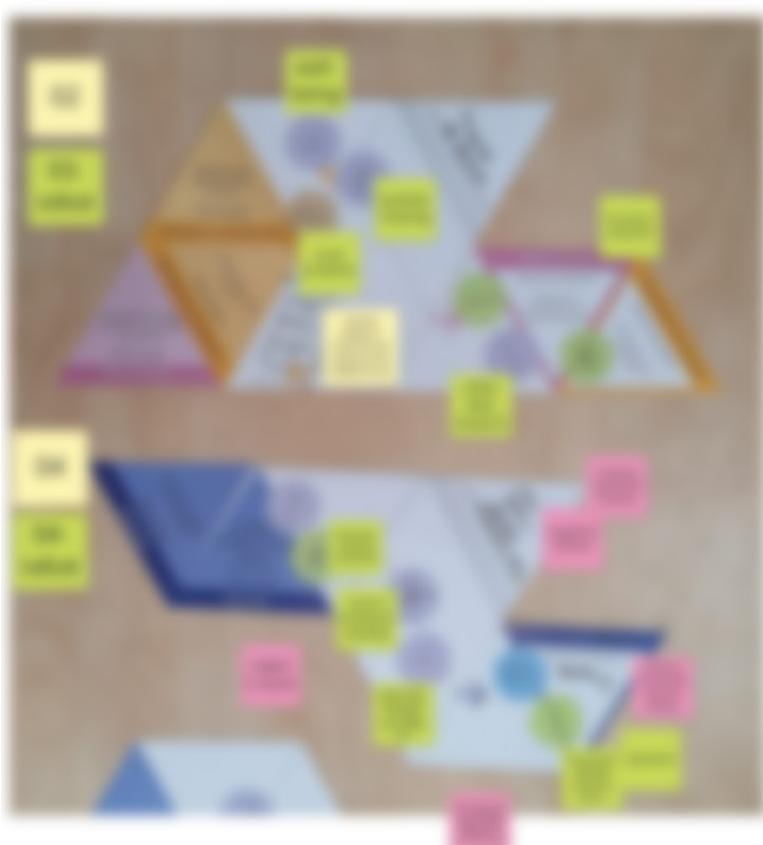
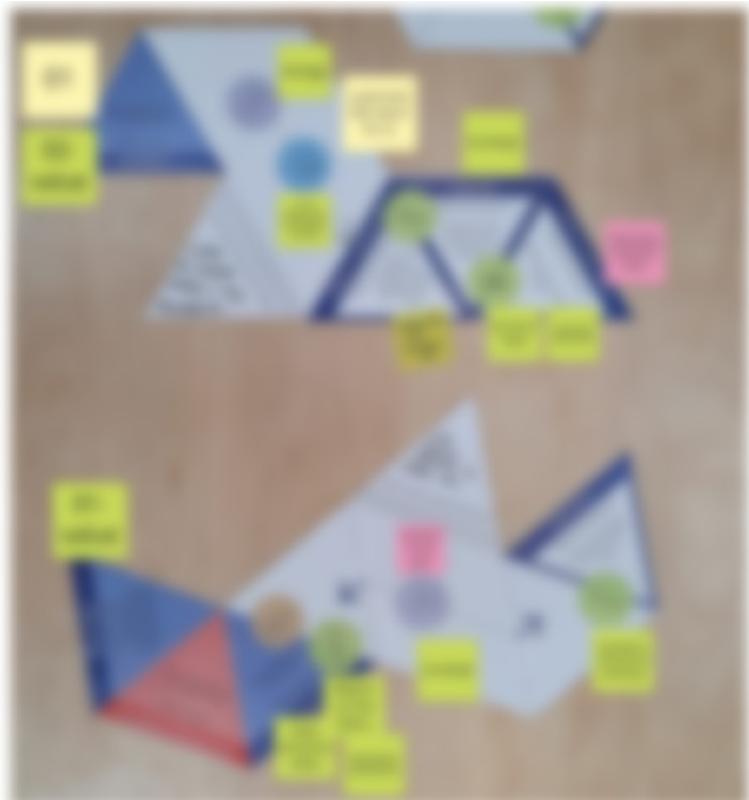
During the validation session, participants construct the following constellations.



X

Validation session — Activities

Constellations summarized in constellation statement.



Y

Validation session — Evaluation Form

Evaluation Form

How did you feel about participating in the creative session today? Feel free to give your opinion in this form and share your last comments or ideas.

1.1 Value Ecosystem

- | | Totally disagree | Totally agree |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| 1.1 The tool supported me to identify actors in the ecosystem | <input type="radio"/> | |
| 1.2 The tool helped me to articulate value exchanges | <input type="radio"/> | |
| 1.3 The tool helped to identify potential value connections between actors | <input type="radio"/> | |
| 1.4 The tool is supported by 'value compass' (see figure 1.1). To what extend did you find these compass useful to support the naming of values? | <input type="radio"/> | |
| 1.5 The tool is supported by 'value dice' (see figure 1.2). To what extend did you find these dice helpful in incorporating new values that were not previously considered? | <input type="radio"/> | |



Figure 1.1 Value compass



Figure 1.2 Value dice

- 1.6 At which stages or steps of a project's workflow would you integrate the use of the tool?

- 1.7 What challenges do you foresee when using the tool in your professional practice?

- 1.8 How do you envision the tool enhancing the consortium's way of working?

Y

Validation session — Evaluation Form

2. The way of collaboration

2.1 Did the workshop helped you to generating ideas? Please explain your answer, what was more useful or less? Why?

Space for comments or ideas:

2.2 What have you learned from applying the tool?

Space for comments or ideas:

3. Keep-Kill-Build

3.1 How can the workshop be improved? What went well, and what should be started/stopped/considered or continued?

	Keep	Kill	Build
Build the foundation			
Casting the players			
Create constellations			
Value Reflection			

Z

Validation session — Evaluation Form results

Forms filled out by participants during the validation session.

<h3>Evaluation Form</h3> <p>How did you feel about participating in the creative session today? Feel free to give your opinion in this form and share your last comments or ideas.</p> <p>1.1 Value Ecosystem</p> <p>1.1 The tool supported me to identify actors in the ecosystem</p> <table border="1"><tr><td><input type="radio"/></td><td><input checked="" type="radio"/></td><td><input checked="" type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr></table> <p>1.2 The tool helped me to articulate value exchanges</p> <table border="1"><tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input checked="" type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr></table> <p>1.3 The tool helped to identify potential value connections between actors</p> <table border="1"><tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input checked="" type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr></table> <p>1.4 The tool is supported by 'value compass' (see figure 1.1). To what extend did you find these compass useful to support the naming of values?</p> <table border="1"><tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input checked="" type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td></tr></table> <p>1.5 The tool is supported by 'value dice' (see figure 1.2). To what extend did you find these dice helpful in incorporating new values that were not previously considered?</p> <table border="1"><tr><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input type="radio"/></td><td><input checked="" type="radio"/></td><td><input checked="" type="radio"/></td><td><input type="radio"/></td></tr></table> <p></p> <p></p> <p>Figure 1.1 Value compass</p> <p>Figure 1.2 Value dice</p> <p>1.6 At which stages or steps of a project's workflow would you integrate the use of the tool?</p> <p>At an intermediate stage, first a stakeholder analysis has to be done.</p> <p>1.7 What challenges do you foresee when using the tool in your professional practice?</p> <p>The tool is dependent on identifying goals & resources for stakeholders, which can already be a challenge.</p> <p>Need lots of time to do it properly</p> <p>1.8 How do you envision the tool enhancing the consortium's way of working?</p> <p>As an aid for creative brainstorming. Not to replace regular/standard processes. It helps to generate ideas</p> <p>01/02</p>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<p>2. The way of collaboration</p> <p>2.1 Did the workshop helped you to generating ideas? Please explain your answer, what was more useful or less? Why?</p> <p>Space for comments or ideas:</p> <p>Yes, it helped. The Dice was helpful to think about the less obvious options for value exchanges.</p> <p>2.2 What have you learned from applying the tool?</p> <p>Space for comments or ideas:</p> <p>It is a more fun, less serious way of thinking about complicated topics. It also helped to illustrate the complexity.</p> <p>3. Keep-Kill-Build</p> <p>3.1 How can the workshop be improved? What went well, and what should be started/stopped/considered or continued?</p> <p>These are probably specific to our workshop since we didn't do it. There are probably other tools/methods for this.</p> <table border="1"><tr><td>Keep</td><td>Kill</td><td>Build</td></tr></table> <p>Build the foundation</p> <p>Casting the players</p> <p>Create constellations</p> <p>Value Reflection</p> <p>This worked well after we had a creative break to clear the confusion. Dice works well to reflect on less obvious values.</p> <p>I see this as the core focus of your tool</p> <p>I think this is a strength of your tool</p> <p>The values on the compass seem a bit random. Why this selection? Also there's some overlap.</p> <p>02/02</p>	Keep	Kill	Build																					
<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>																																					
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Keep	Kill	Build																																										

Z

Validation session — Evaluation Form results

Evaluation Form

How did you feel about participating in the creative session today? Feel free to give your opinion in this form and share your last comments or ideas.

1.1 Value Ecosystem



Figure 1.1 Value compass



Figure 1.2 Value dice

- 1.6 At which stages or steps of a project's workflow would you integrate the use of the tool?

 - when ~~new~~ connection need to be made,
 - when you need to step out of your tunnel vision

1.7 What challenges do you foresee when using the tool in your professional practice?

 - quite time consuming (when done from start)
 - challenging to get concrete results/action points

1.8 How do you envision the tool enhancing the consortium's way of working?

 - it can create unforeseen links between actors
 - fun dynamic way to think out of the box and discuss bigger picture together

01/02

2. The way of collaboration

- 2.1 Did the workshop helped you to generating ideas? Please explain your answer, what was more useful or less? Why?

Space for comments or ideas:

yes, - from JCA perspective helpful how other actors can benefit/ contribute to our goals/resources, also useful to learn about new links / overlapping goals between actors

- ## 2.2 What have you learned from applying the tool?

Space for comments or ideas:

Collaboration ideas: combine actors with common goals to identify what resources can help them.

3. Keep-Kill-Build

- 3.1 How can the workshop be improved? What went well, and what should be started/stopped/considered or continued?

	Keep	Kill	Build
Build the foundation	prep was helpful		<ul style="list-style-type: none"> with bigger group, pick more purposes? link back to it at the end?
Casting the players	the preparation was very helpful	-	<ul style="list-style-type: none"> pick 5 most important ones when brainstorming with a small group
Create constellations	g	-	-
Value Reflection	g (wouldn't change anything here)	<ul style="list-style-type: none"> the value dice was not very useful in my opinion (but it is a fun element) 	<ul style="list-style-type: none"> -

02/02

Z

Validation session — Evaluation Form results

<h3>Evaluation Form</h3> <p>How did you feel about participating in the creative session today? Feel free to give your opinion in this form and share your last comments or ideas.</p> <p>1.1 Value Ecosystem</p> <p>1.1 The tool supported me to identify actors in the ecosystem</p> <p>1.2 The tool helped me to articulate value exchanges</p> <p>1.3 The tool helped to identify potential value connections between actors</p> <p>1.4 The tool is supported by 'value compass' (see figure 1.1). To what extend did you find these compass useful to support the naming of values?</p> <p>1.5 The tool is supported by 'value dice' (see figure 1.2). To what extend did you find these dice helpful in incorporating new values that were not previously considered?</p> <p>Figure 1.1 Value compass</p>  <p>Figure 1.2 Value dice</p>  <p>1.6 At which stages or steps of a project's workflow would you integrate the use of the tool?</p> <p>In the early stage of scoping the project.</p> <p>1.7 What challenges do you foresee when using the tool in your professional practice?</p> <p>There is some overlap in actors or values, sometimes it's hard to distinguish them.</p> <p>1.8 How do you envision the tool enhancing the consortium's way of working?</p> <p>It's a fun way to think about value exchange and make it concrete. I wish we had this tool earlier!</p> <p>01/02</p>	<p>2. The way of collaboration</p> <p>2.1 Did the workshop helped you to generating ideas? Please explain your answer, what was more useful or less? Why?</p> <p>Space for comments or ideas:</p> <p>A little bit, especially through the dice!</p> <p>2.2 What have you learned from applying the tool?</p> <p>Space for comments or ideas:</p> <p>make things specific, make exchanges visual helps to understand the connections.</p> <p>3. Keep-Kill-Build</p> <p>3.1 How can the workshop be improved? What went well, and what should be started/stopped/considered or continued?</p> <table border="1"><thead><tr><th></th><th>Keep</th><th>Kill</th><th>Build</th></tr></thead><tbody><tr><td>Build the foundation</td><td></td><td></td><td></td></tr><tr><td>Casting the players</td><td></td><td></td><td></td></tr><tr><td>Create constellations</td><td>X</td><td>great way to visualize connections</td><td></td></tr><tr><td>Value Reflection</td><td>X</td><td>helps with identifying the specific value</td><td>X sometimes the clusters overlap or get too big. This makes it hard to zoom in on specific clusters.</td></tr></tbody></table> <p>02/02</p>		Keep	Kill	Build	Build the foundation				Casting the players				Create constellations	X	great way to visualize connections		Value Reflection	X	helps with identifying the specific value	X sometimes the clusters overlap or get too big. This makes it hard to zoom in on specific clusters.
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Z.1

Validation session — Analysis

Session validation analysis.

