

CREATIVE METHODS FOR FORESIGHT

Activating the rigorous imagination for anticipatory policy?

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OVERVIEW

A short introduction to *creative methods*

A systematization

A case study





ASSUMPTION

Creative futures methods and approaches will continue to proliferate into new arenas including policy development in different contexts (public and private) and at different layers of governance.





WHAT ARE CREATIVE METHODS IN FORESIGHT?

Experiential Futures, Speculative Design, Design Fiction, Participatory Speculation



Marco Janssen - DryLab 2023 (2017)



Ai Hasegawa - I Wanna Deliver a Shark (2011)



Keiichi Matsuda – Hyper-Reality (2016)





IMPLICIT PROMISES FOR THE USE IN POLICY CONTEXT

Creative methods are sexy (creative bureaucracy vs. bureaucratic art)

Creative methods allow to explore different futures

Creative methods engage stakeholders (low threshold)

Creative methods can result in estranging perspectives





NEEDS FOR AN ANALYTICAL FRAMEWORK

Need: Reliable and consistent terminology to **describe** creative methods, their outputs, and what they are both intended to accomplish and what they are observed to accomplish.

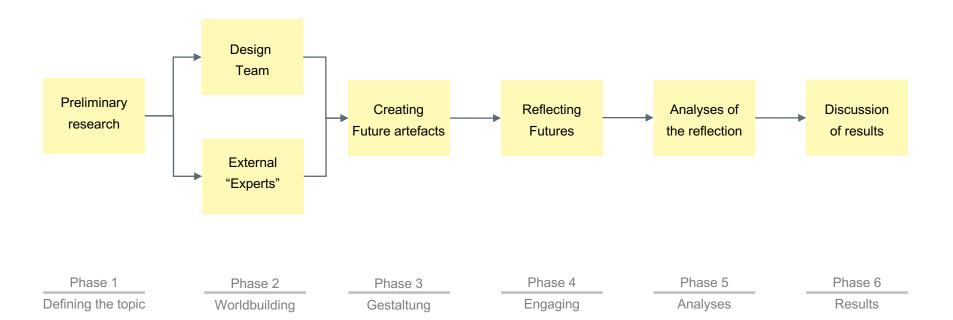
Need: Common parameters that can guide conversation between client and creatives to adjust expectations and align visions.

Need: A mode to assess creative futures methods and their products that can be transported across projects and instances.





ATTEMPT OF A SYSTEMATIZATION







CASE STUDY: FUTURES GARDEN (2023)

- Part of the FoD FWC; DG for Research & Innovation
- Foresight: Austrian Institute of Technology, Fraunhofer ISI, Futures2all, Futurlab, Institutul de Prospectiva (project lead of the pilot projects)
- Designer: Modem, Normals
- Two topics:
 - Extending human perception to new scales
 - Dealing with future selves



https://www.futuresgarden.eu

Futures Garden - Blooming Seeds

Pioneering Policy Innovation through Speculative Design

At Futures Garden, we embark on a visionary journey to redefine policy-making for Europe's future. Our unique platform collaborates with leading futurists, innovative designers, and engaged EU citizens to delive into emerging trends and issues crucial for Europe's tomorrow. Our mission? To revolutionize policy creation by intertwining speculative design with creativity, empathy, and analytical insight.





PHASE 1: DEFINING THE TOPIC

- Dealing with future selves
- **Horizon Scanning**
- Clustering Themes:

Togetherness

Collective healing and trauma integration

Expanded affective ecosystems

Consciousness expansion

Systemic communication breakdown

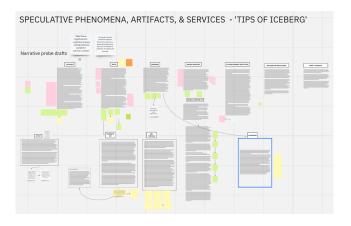
	A	В	C	D	E	F
1	THEME (1/2)	TOPIC	DESCRIPTION	WHAT IS INSPIRING YOU/ provocative question	SOURCE LINK	DATE OF PUBLICATION
2	2	Decoding animal	Scientists are using "digital bloaccustics" - improved sensors and artificial-intelligence technology - to observe and decode how a broad range of species, including plants, laready share information with their own methods.	Could 'Deep listening' bring us closer to interspecies communication? Could we grasp animal unwelt: the lived experience of organisms, as opposed to an anthropocentric view of animals/plants 'talking'?	https://www.scientficamerican.com/a rticle/how-scientfists-are-using-ai-to-t alk-to-animats/	202
3	2	Revealing the unseen/unheard soils	Advances in visualization methods that an non-invasive and non-destructive—for- cemple X-rey complete disregative placeholises that study so its interactions around place notal—contribute to revealing the uninsen solic (Marindre et al., 2014 in Morrowyr. The first of cold becausize (also referred to a bitchmercy or soil occasionation) engages a growing number of biologist in replanting underground consolidation (and place) and place and originative of the option underground consolidation of the consolidation		sot bicacoustics: https://knowabbrnagazine.org/stricle/ living-wnds02022/lfe-sol-was-though t-be-siter-what-fi-laris	
4	2	'Seeing' the Cosmos	Data from NAGA's James Velde Space Telescope (MVRT) began returning images in Apy 2022, and in policy of despen humans in emissibly of the courses and outselves. In addition, and the second residence of the second residence in a contract of the second residence in manages could help astronomers model the 'course spring' hast led to the Semations of the way for pasted PAGA's accentable to-op-quested goal to detect certainterestable life, which was also the second residence in the		https://aecn.co/essays/jivsts-cosmic- evestions-will-change-our-interior-ty- es-too	
	1/2	Death as regeneration /rebirth as elemental re-circulation	Our own death means the returning of our matter to the soil. Degradation of bodies can be seen as a lively collaboration between bodies and soils. Recently, in Washington state in the USA, a company called Recompose hopes to be the first provider of post necessit matural originar reduction, allowing people to recovered such control to the control of the post of the control of th	Could death be seen as an intimate collaboration with the cycles of nature? Could we embrace death as rebirth.	https://emergencemagazine.org/essa yttending-sol/	
6		Expanding human senses	There are devices that complement natural sensor modalities (e.g., wearable belts that through fourth sense point to magnetic north) and others that allow using an existing sense to convey new information (e.g. tactile perception of a speech, header) in Josef.	How would the human condition change upon enhancing human senses? How would our relation with nature/Life change as a consecuence?	https://www.sciencefocus.com/future-technology/cyborgs-transhumans/ from: Transhumanist revolutions deep dive	





PHASE 2: WORLDBUILDING

- "Deliberate creation of a storyworld" (J.P. Wolf)
- Using Narrative Probes to explore the world, defining neologism, assets of the world and their implications
- Co-creation (experts, designers, other stakeholders?)



21.06.2049

Mobile Body Enhancement Unit hijacked

Since the release of the first MoBEUs, more and more attacks on the autonomous verhicles are happening. In the first half of the year 2049 alone, 21 units were captured, emptied out and found outside of Berlin in the desert of Brandenburg.

To this date, it can not be said, how the units were taken out of the city or who was responsible for the deed. The police suspects groups of smugglers to sell the units to desert people, who desperately need the body enhancement to survive in the hostile Brandenburg environment. Further hijacks are expected to happen in the near future, so the police.

Berlin based pharmaceutical company Bayer, who owns the vehicles, is sceptical about the future development: "We see a customers need in the flexibility and permanently access to the body enhancement brench. However, if police won't be able to stop the crime, we are forced to shut this project down – or take security into our own hands.", says press speaker Christian Scheinfeld.





PHASE 3: GESTALTUNG

- Different levels of communication, perception and cognition
- Trans- or Multi-media approaches, Performance, Exhibition Immersive Scenarios/Situations, Artefacts
- **Challenge**: multiple modalities and affordances that different formats bring along
- **Multi-modal framework** that operates at different levels of specificity to help describe engaged modes:

Senses (Sight, Touch, Sound, Smell, Taste)Higher-level **Modes** (Perception, Cognition, Emotion, etc.) **Context** (Policy Creation, Dissemination, etc.)



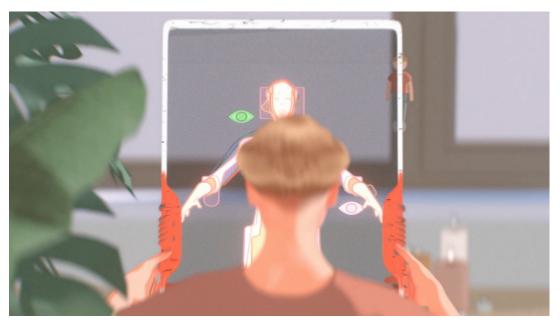
99c futures (Extrapolation Factory, 2016)





PHASE 3: GESTALTUNG

Design Fiction format: 5 short films, each 1 min long, addressing different aspects of the world

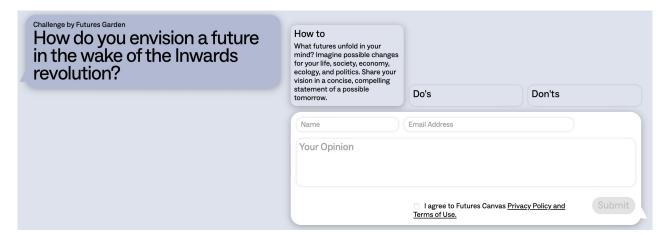






PHASE 4: ENGAGING

- Different forms of engagement produce different insights:
 - Sharing impressions and associations allow to evaluate the world and elicit attitudes and values
 - Exploring the world further allows to uncover potential chances and challenges





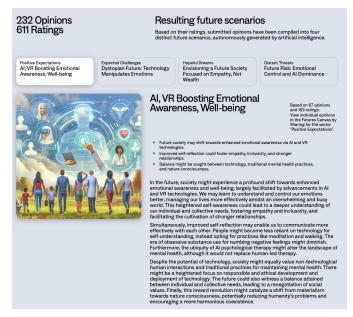


PHASE 5: ANALYSES

- Social science perspective on the engagement results
- Process depends on the original research question and goal of the whole activity

In case of Inwards: Four AI generated scenarios (developed by Christian Rauch)









PHASE 6: DISCUSSION

- What is the outcome of such a process?
- Depending on the aim of the project:
 - Dissemination
 - New perspective on a topic
 - Elicited values and attitudes that can become guidelines
 - Visioneering
 - Etc.





TAKE AWAY

- Creative methods sometimes overhyped as a tool for "everything new"
- Creative methods sometimes underhyped as a tool for "making things beautiful"
- It needs a better understanding of the different intersections between foresight, design approaches and innovation policy

... this can only come by doing and reflecting the doing (praxeological research)



THANK YOU!

Fischer, N., & Mehnert, W. (2021). **Building possible worlds. A speculation based research framework To reflect on images of the future.** Journal of Futures Studies, March.(25(3)), 25–38.

Mehnert, W. (2023). Wording Worlds – From writing Futures to building Imaginary Worlds. Journal of Technology and Language, Special Issue on Future Writing, 3 (12), Art. 7.

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