

Future Design

For the Survival of Humankind



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What was the greatest invention from the 20th century to now?



https://en.wikipedia.org/wiki/Fritz_Haber

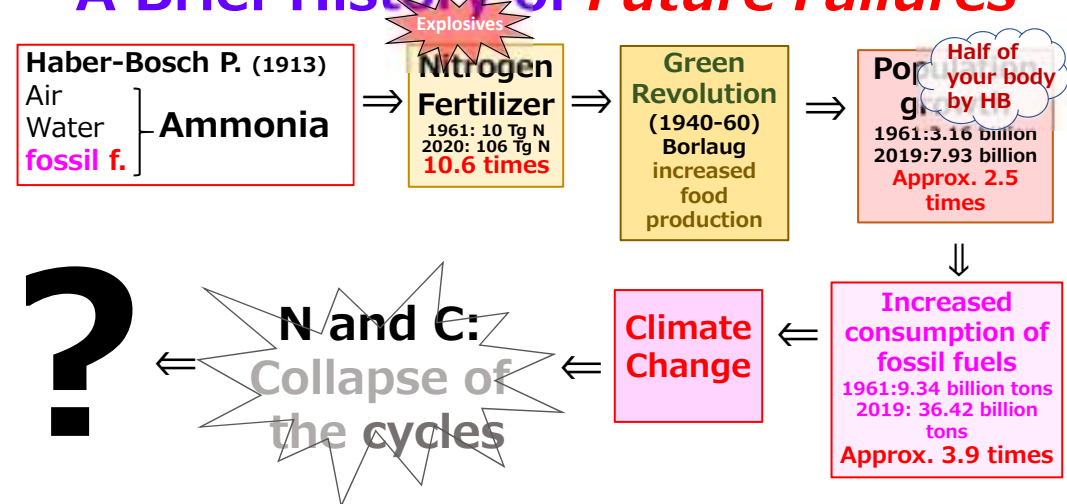
Haber-Bosch Process



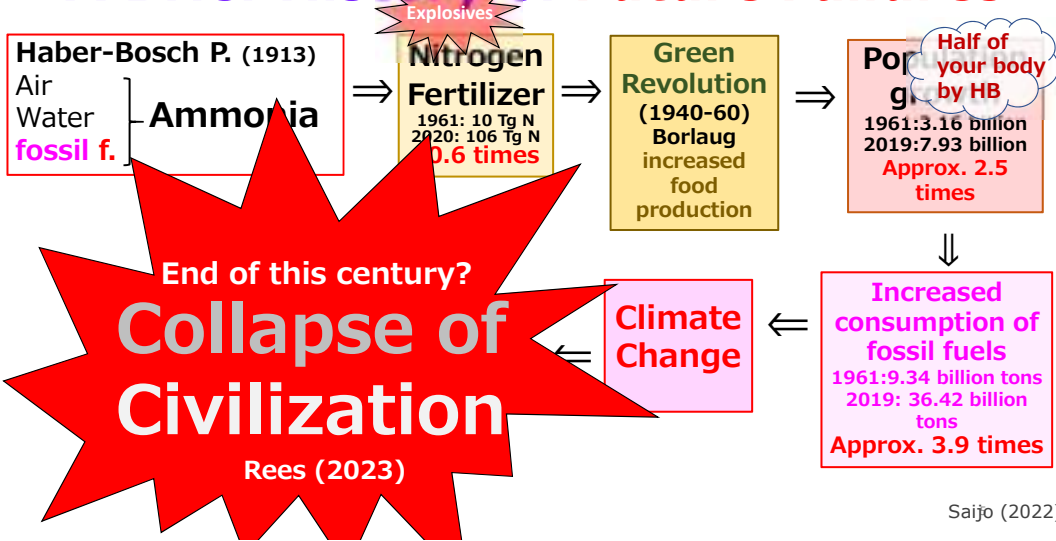
https://en.wikipedia.org/wiki/Carl_Bosch

Smil, V. (2004). *Enriching the earth: Fritz Haber, Carl Bosch, and the transformation of world food production.*

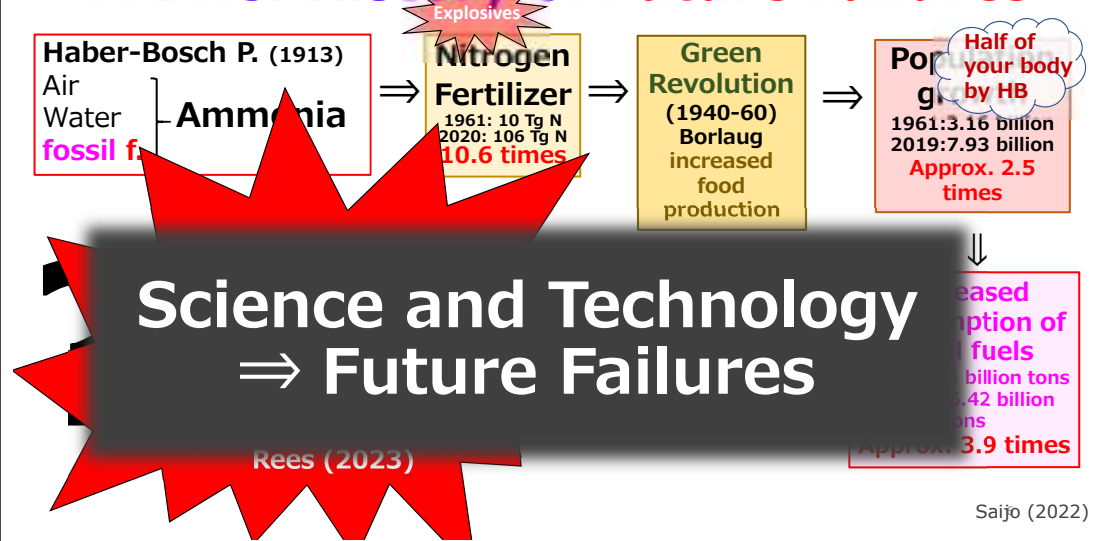
A Brief History of *Future Failures*



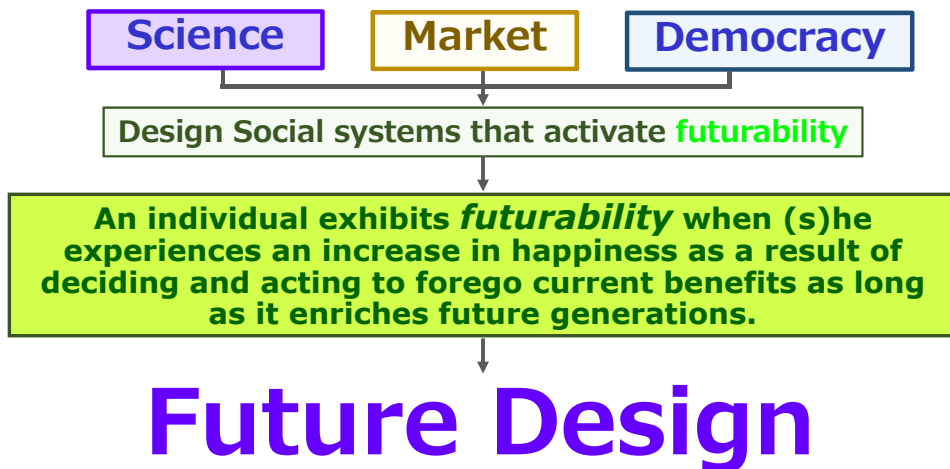
A Brief History of *Future Failures*



A Brief History of *Future Failures*



What's the problem?



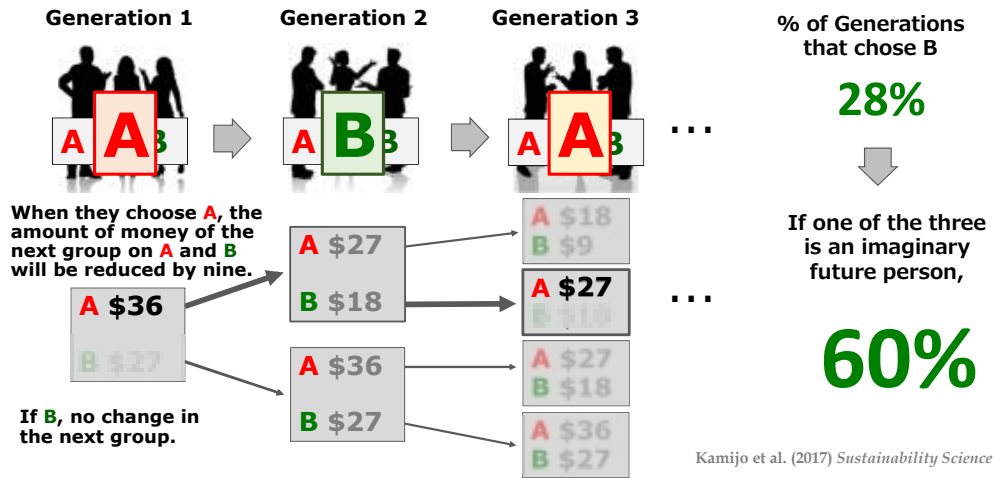
Seven Generations of Iroquois

Iroquois: Imagine being seven generations later when making important decisions.

The basic ideas of the U.S. Constitution, including federalism, came from the Iroquois "Great Binding Law."

<https://daily.jstor.org/the-native-american-roots-of-the-u-s-constitution/>

Intergenerational Sustainability Dilemma Game



Bangladesh

Prof. Shahrier at Teesside Univ.

General public (Urban: Dhaka, Agroforestry: Bogra)

Sustainable Choice (B)	Urban 2015	Agrof. 2015	Urban 2016
Imag. Future Person	31%	86%	85%
No Imag. Future P.	29%	74%	



The Iroquois Mechanism

- Stage 1: All three make a decision as imaginary next generation.
- Stage 2: All three make a decision as the current generation. If both decisions are the same, the process ends.
- Stage 3: If not, use majority voting.

Shahrier et al. (2017)

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New social system part

Traditional democracy part

Shahrier et al. (2017)

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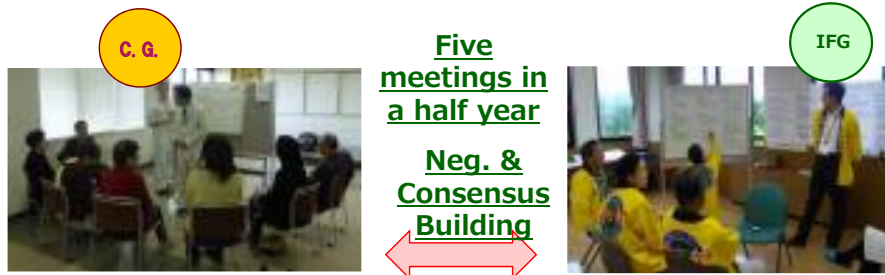


Binding Majority Rule by the Iroquois mechanism

Shahrier et al. (2017)

Future Design x Yahaba Town

•Deliberation at Yahaba:Future Plan for 2060



C. G.

IFG

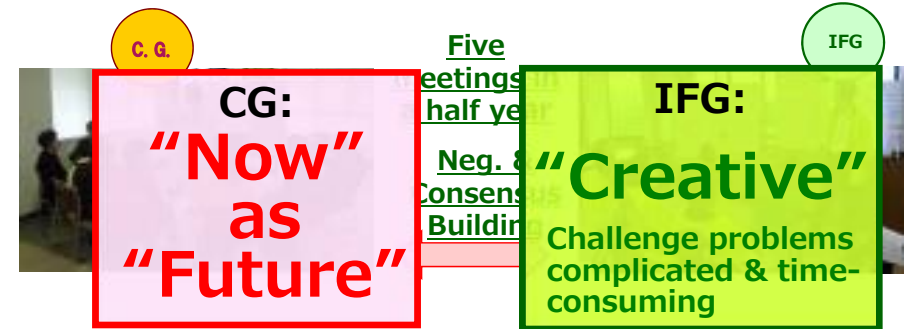
Five meetings in a half year

Neg. & Consensus Building

Hara et al. (2019)

Future Design x Yahaba Town

•Deliberation at Yahaba:Future Plan for 2060



C. G.

IFG

Five meetings in a half year

Neg. & Consensus Building

CG:
"Now" as "Future"

IFG:
"Creative"
Challenge problems complicated & time-consuming

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Hara et al. (2019)

Future Design x Yahaba Town

•Deliberation at Yahaba:Future Plan for 2060



C. G.

IFG

Five meetings in a half year

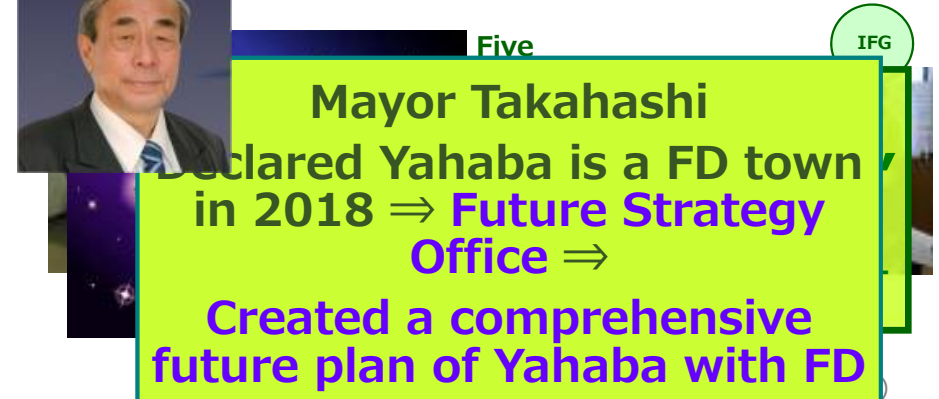
Neg. & Consensus Building

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"Creative"
Challenge problems complicated & time-consuming

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Hara et al. (2019)

Future Design x Yahaba Town

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C. G.

IFG

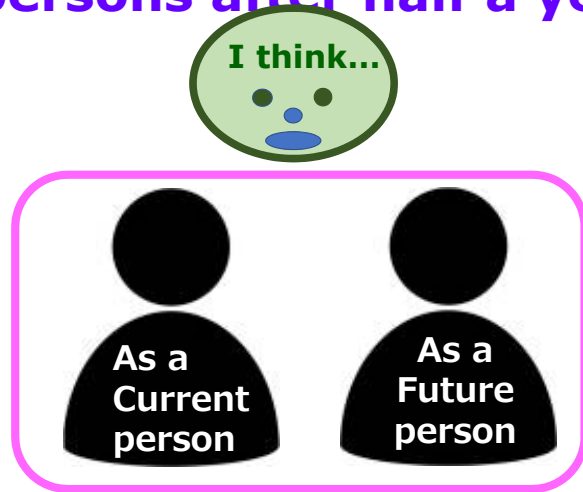
Five meetings in a half year

Neg. & Consensus Building

IFG:
"Creative"
Challenge problems complicated & time-consuming

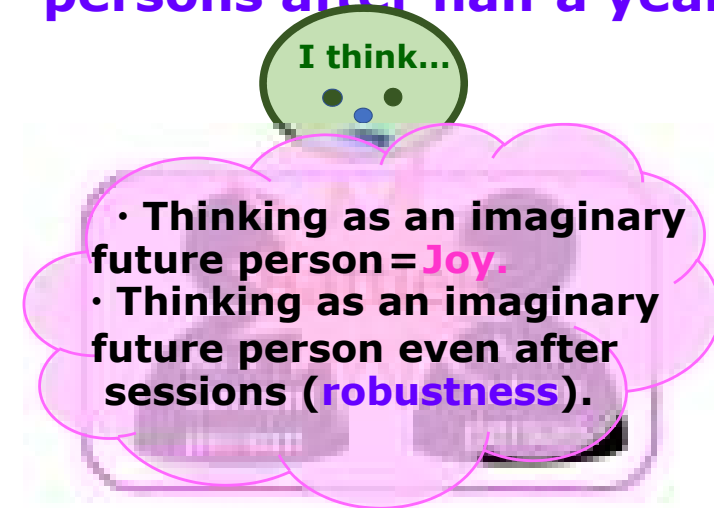
Mayor Takahashi
Declared Yahaba is a FD town in 2018 ⇒ Future Strategy Office ⇒
Created a comprehensive future plan of Yahaba with FD

Interview with Img.F. persons after half a year



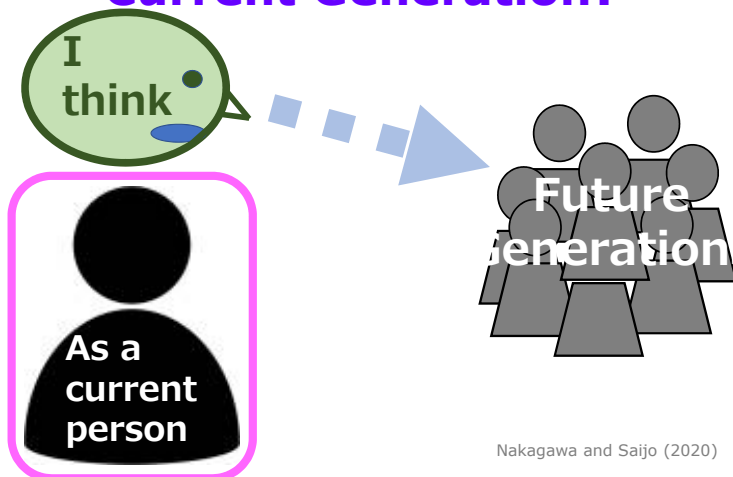
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Interview with Img.F. persons after half a year



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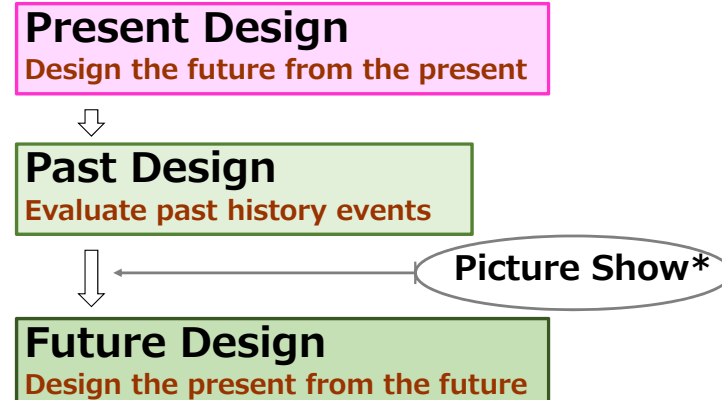
Looking at Future G. from Current Generation?



Nakagawa and Saijo (2020)

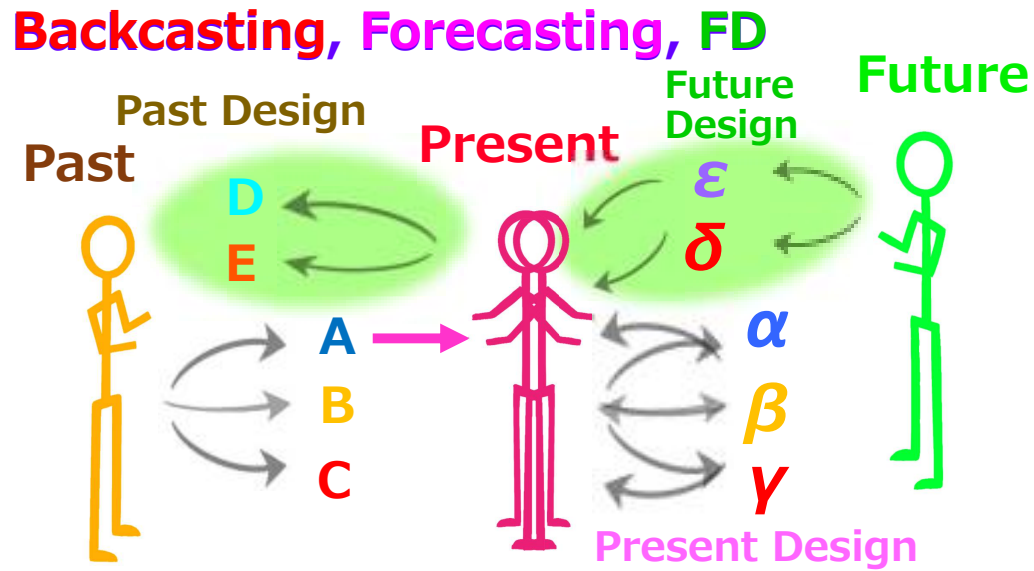
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Future Design: Praxises

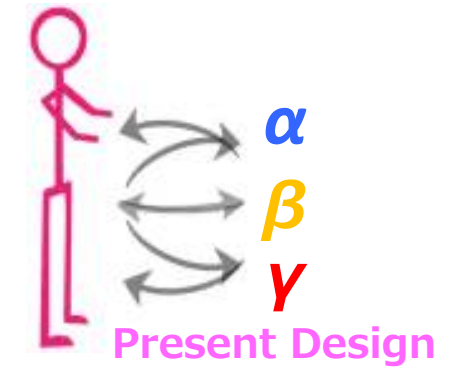


* https://drive.google.com/file/d/1iLP5PJfsTTZ1DSzSkHGzL_Uoh3jv8qE/view?usp=sharing

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Citizens' Assemblies ≈ Present Design



Citizens' Assemblies ≈ Present Design

Van Reybrouck (2018) *Against Elections*

Landmore (2020) *Open Democracy*

OECD Report (2020) *Deliberative Wave*

Randomly get citizens,
They deliberate,
Propose policies.

Citizens' Assemblies: *Democracy* is the basic concept, designing the future from now = Present Design.

Curato & Farrell (2021)
Deliberative Mini-Publics

Future Design: *Survivability* is the basic concept, designing now from the future.

Smith (2022)
Can Democracy Safeguard the Future?



THIS CONTRACT IS DESIGNED TO KICKSTART COLLECTIVE ACTION FOR FUTURE GENERATIONS, STARTING WITH THE 10.9 BILLION PEOPLE YET TO BE BORN THIS CENTURY.

It sets out:

- Commitments by young people for the future

CONTRACT FOR OUR FUTURE

A shared commitment to future generations can help us to rise above an exhausting cycle of never-ending crises; foster solidarity between people of all ages and cultures; and shape a better future for people and planet. Make your commitment to future generations today.

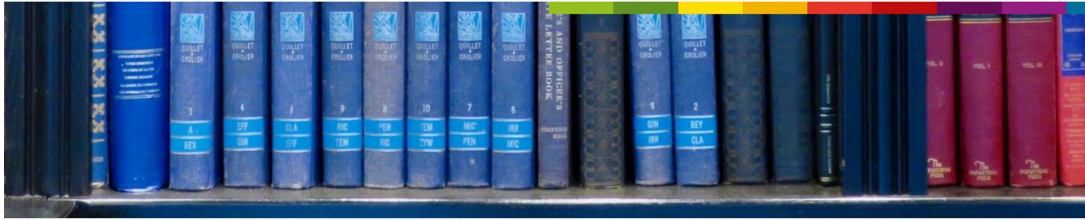


Research-based policy recommendations for the G7



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Publications > Publication: Future Design: For the Survival of Humankind

Future Design: For the Survival of Humankind

Task-Force: International cooperation for the global common good

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Rene Schmidpeter (M3TRIX - Institute for Sustainable Business Transformation), Paul Shrivastava , Moinul Islam , Maija Setälä

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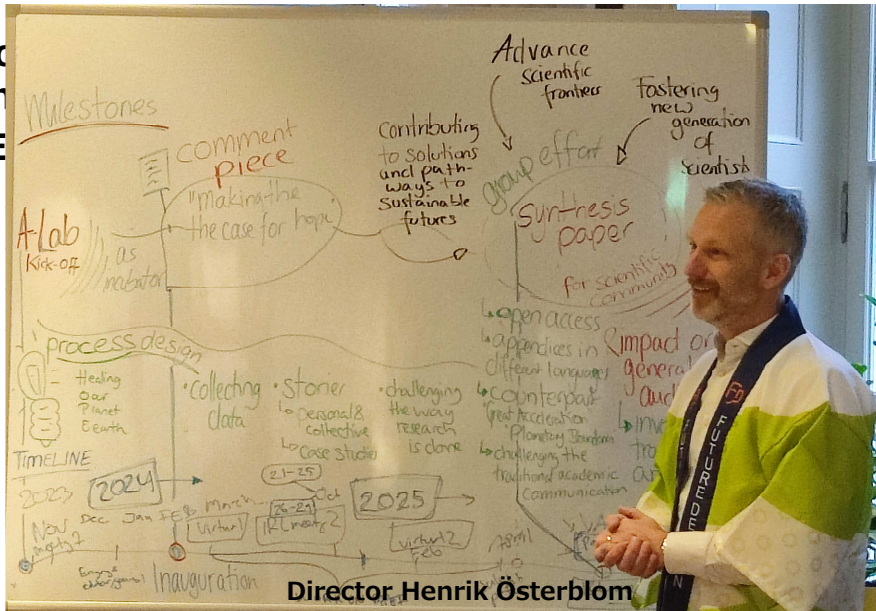
<https://www.think7.org/publication/future-design/> Voice

November 6-8, 2023 The Anthropocene Lab. At Royal Swedish Academy "Empirics of Hope"



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Director Henrik Österblom