



# Tools for sustainable societal transition – participatory futures

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# Who am I?

- Computer Scientist
- Mother of two
- Associate professor in Human-Computer Interaction
- Farmer's daughter
- Half-finn
- Reluctant Futures Researcher







# Sustainable Futures Lab

We are a team of researchers and educators interested in ICT's role in the transition to a more sustainable society; a good life within planetary boundaries. Our work is practice-oriented, aimed at supporting processes of change while also critically examining the role of technology in society.

## Imagining futures



We explore tools and methods for turning what's perceived into possible actions.

## Reflecting sustainability in education



We engage students to critically reflect on sustainability and ICT

## Working within limits



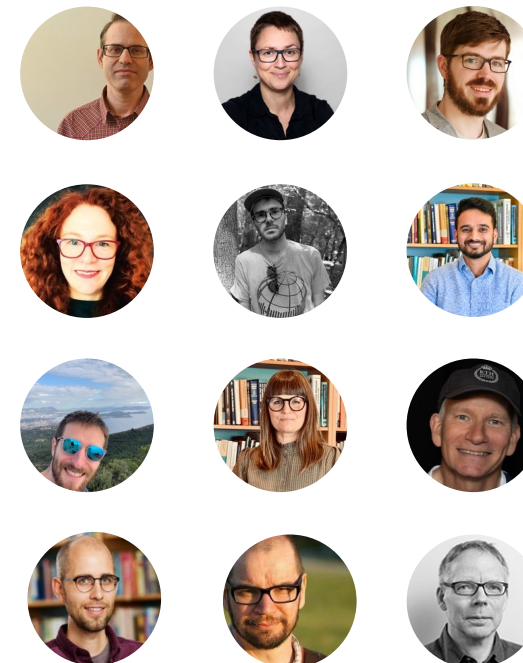
We work where computing exceeds the limits of our environment and in environments where computing is limited.

## Making data meaningful



We design interactions with data to support sense- and meaning-making around sustainability

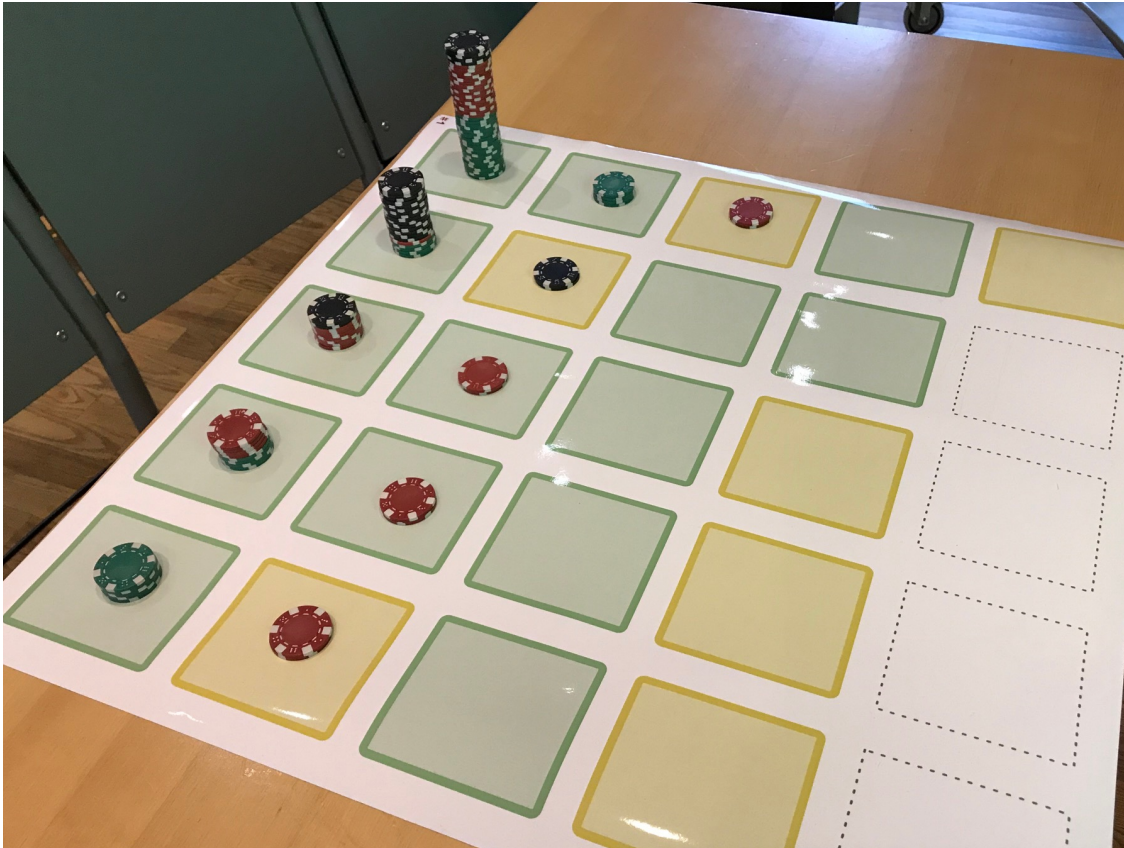
## The team



See more  
on our  
webpages!

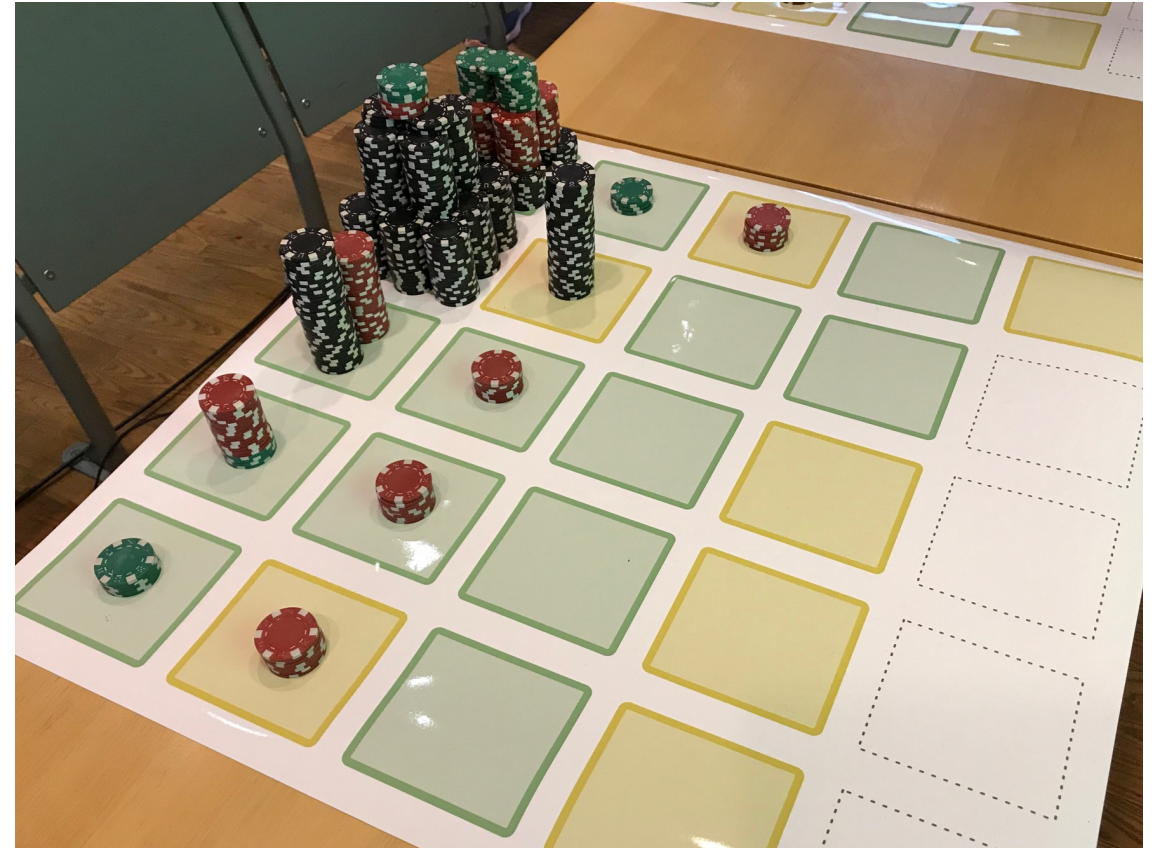
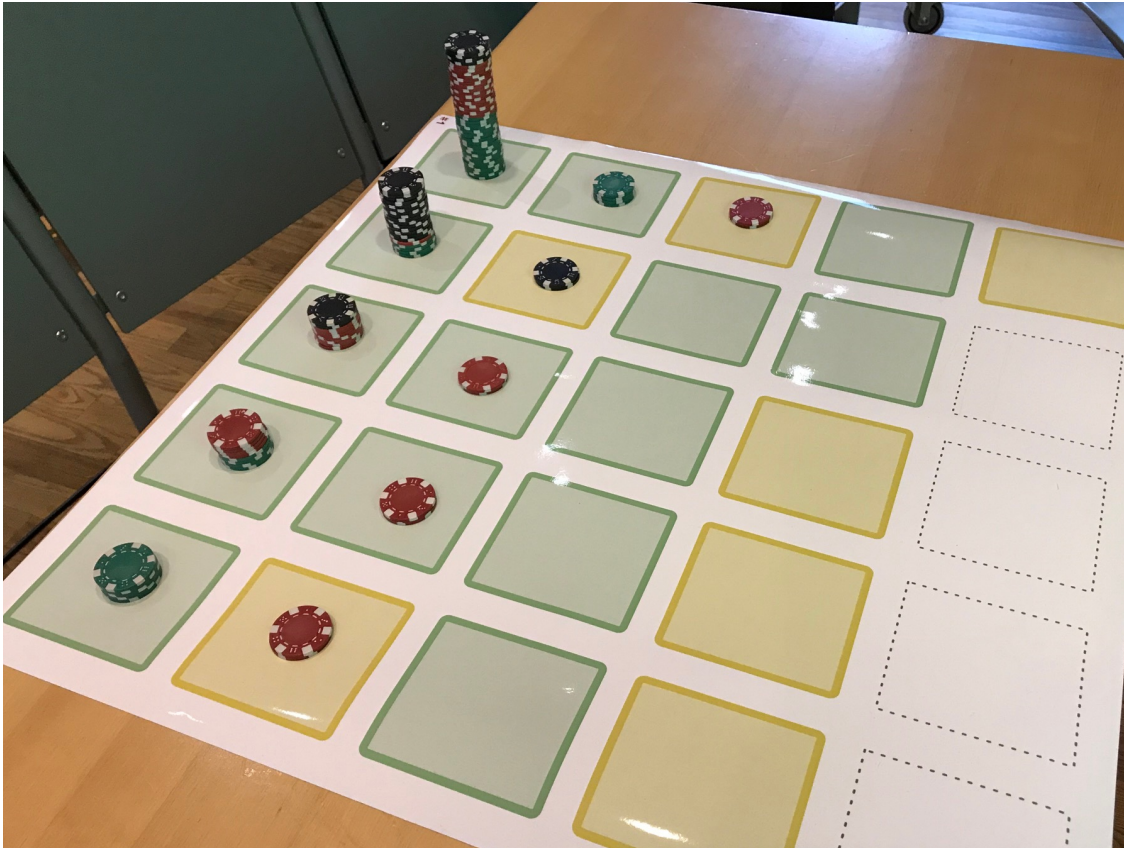


# Making Data Meaningful – Academic Flying





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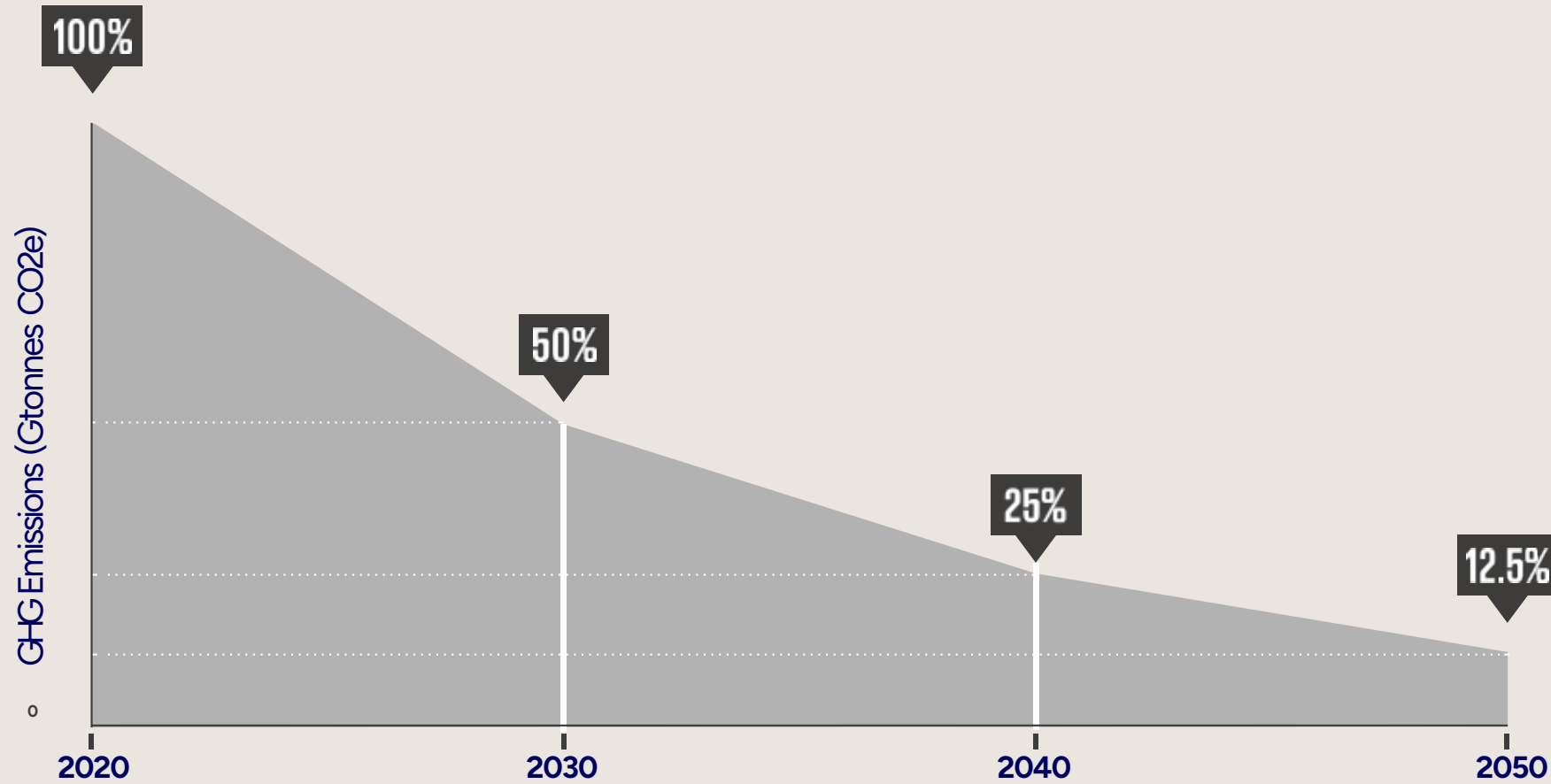




**If we step into the  
future...**



# Carbon Law



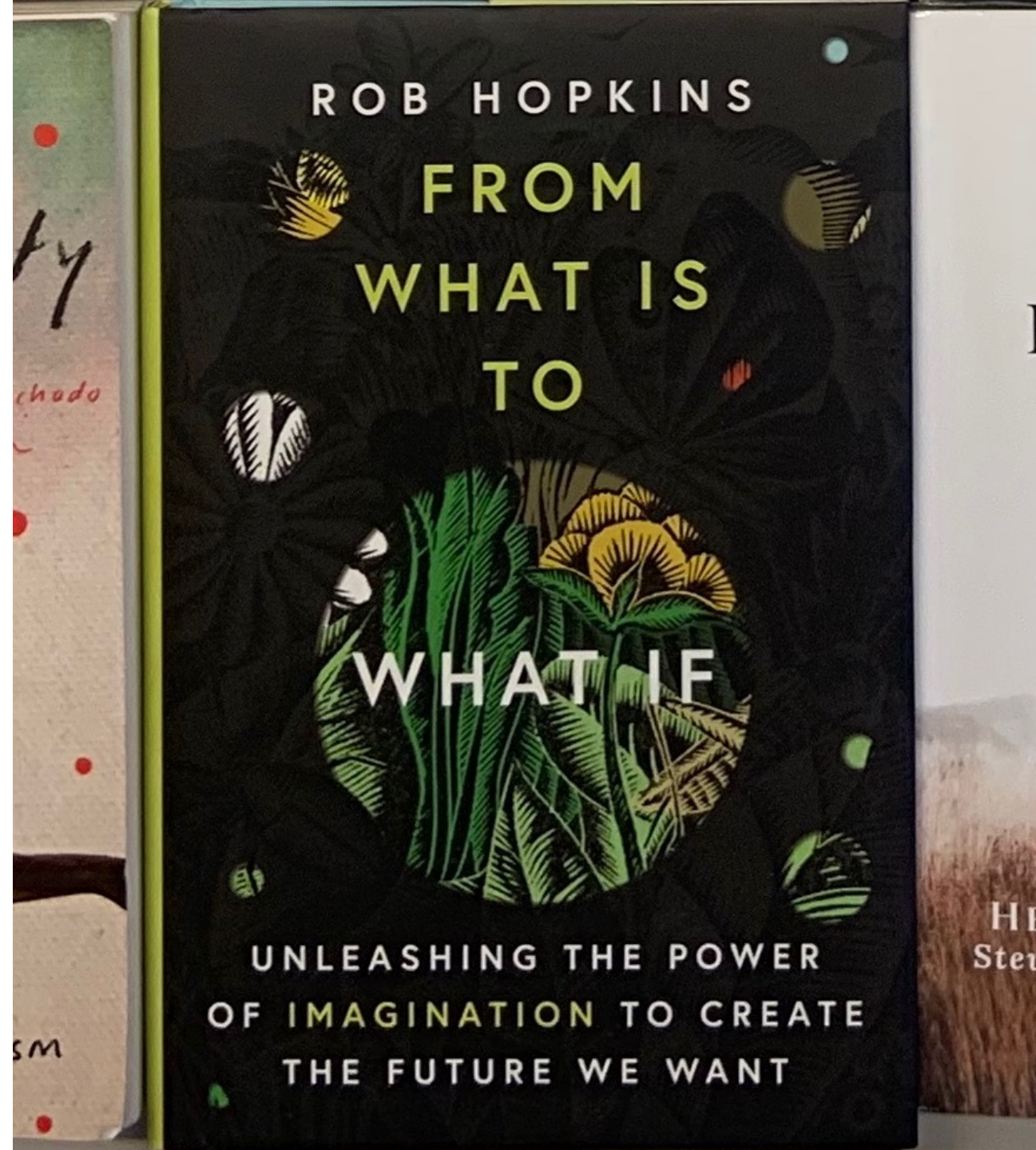


**What will your life be in  
2030 - when we use  
50% of the oil used  
today?**



# A Lack of Imagination

- There's no lack of technical solutions
- Some ideas of the world are hard to not see – we are like the fish swimming in the ocean
- We need to see radically different futures
- We need tools!



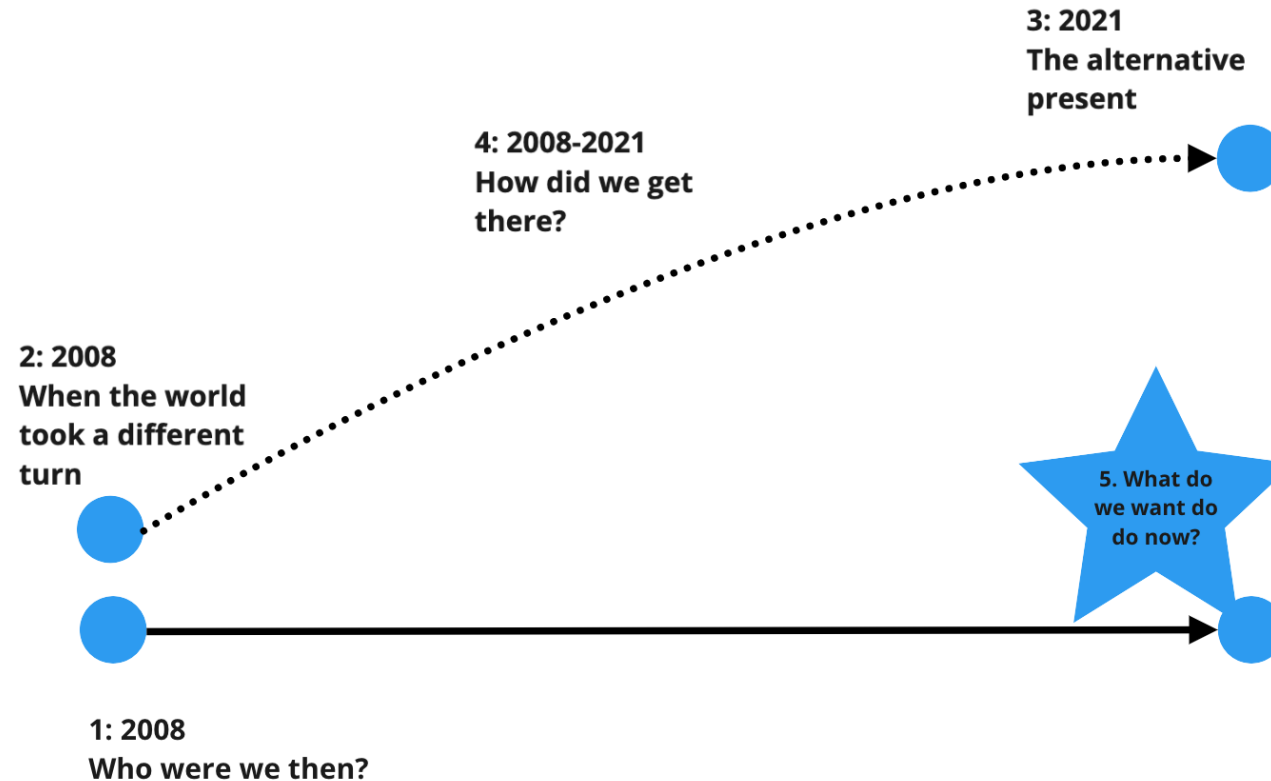
**What would your life be  
NOW if we use 50% of  
the oil used today?**





# What if 2008 was an Oil Crisis?


2008 2009 **2010** 2011 2012 2013 2014 **2015** 2016 2017 2018 2019 **2020** 2021



# THE TRAVELLER

**ELECTRIC FLIGHTS  
FEW AND EXPENSIVE  
Who are they for?**

**INTERRAIL TO AFRICA  
New tunnel  
built by 2025**



**PERSONAL FLIGHT QUOTAS  
How do they work?**

# UniTeacher Magazine

**Distance  
education  
at record 40%  
of global  
HigherEd**



**University of Peking reaches  
climate targets ahead of time**



**RESEARCHERS  
PROTEST UNEQUAL  
FLIGHT ALLOWANCES**

# THE NEWS

**PLASTIC QUOTAS**  
Healthcare a priority sector  
"Safe care impossible  
without plastics"



**GOVERNMENT DECISION**  
Public institutions to be sanctioned  
for not hitting climate targets



**LOCAL  
COWORKING  
SPACES  
ON THE RISE**



# We have done 9 workshops

Context	Form
Härnösand	Digital
Linköping	Digital
Transitioners	Digital
Transitioners	Digital
Örebro	Digital
Transitioners	Digital
Helsinborg	Digital
Hällungebygden	Physical
Örebro	Physical



# Some ideas born during the workshops

- Swedish Championship in Dumpster diving will be held in Örebro
- Gardener Advisor at the Municipality (equal to the Energy and Climate Advisor)
- Using the school premises for cooking classes or food prep in the evenings
- Food service (instead of Military Service, young people get to spend one year growing and preparing food)





# Why do we think this works so well?

We have already solved it!

We know who we are today!

Check-in in 2008

Local practices





# Go Ahead!

- All Material in Swedish on the Transition Network Swedens webpage – Creative Commons!
- English translation in the making – Q1 2024
- <https://omstallning.net/bortom-mojlighetshorisonnten/>
- Please use the idea!

