



**Exploring.** Planetary extensions exists in our imagination – and as long as we do not only have one future, the future is ours to create.

Illustrations: Stine Skøtt Olesen, Illustrator and Art Director, House of Futures

Photos: Ronaldo Diaz, Sille Arendt og Stine Skøtt Olesen

# DEN ANTROPOCENE TIDSALDER

V/ GITTE LARSEN, FREMTIDSFORSKER OG DIREKTØR, HOUSE OF FUTURES  
[WWW.HOUSEOFFUTURES.DK](http://WWW.HOUSEOFFUTURES.DK) / [IN100Y.DK](http://IN100Y.DK)

**GRUNDTVIGS HØJSKOLE, 10. AUGUST 2012**

# HOUSE OF FUTURES

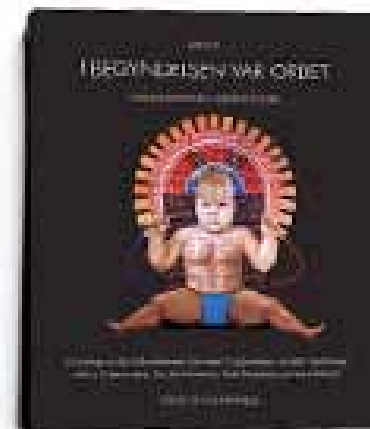
- NON PROFIT SELSKAB (STIFTET 2009)
- "FUTURES STUDIES" INDEN FOR POLITIK, BUSINESS, PERFORMANCEKUNST, DESIGN OG KOMMUNIKATION
- 10 "WORKING MEMBERS" (FREMTIDSFORSKERE OG VISIONÆRE)
- ANALYSER, VISIONS-PROCESSER, STRATEGISK RÅDGIVNING, POLITIKUDVIKLING, MAGASINER, BØGER, SEMINARER, KONFERENCER OG FOREDRAG

## EKSEMPLER PÅ STORE PROJEKTER:

"IN 100 YEARS - STARTING NOW"  
Støttet af VELUX FONDEN



"CO-CREATE CONSTRUCTION"  
NCC Danmark



KUNSTBOG / SEPTEMBER 2011



ISSUES 2 / APRIL 2012

# FREMTIDSFORSKNING / FUTURES STUDIES

## 1. FREMTIDEN ER ALTID ANDERLEDES END FORTIDEN OG NUTIDEN

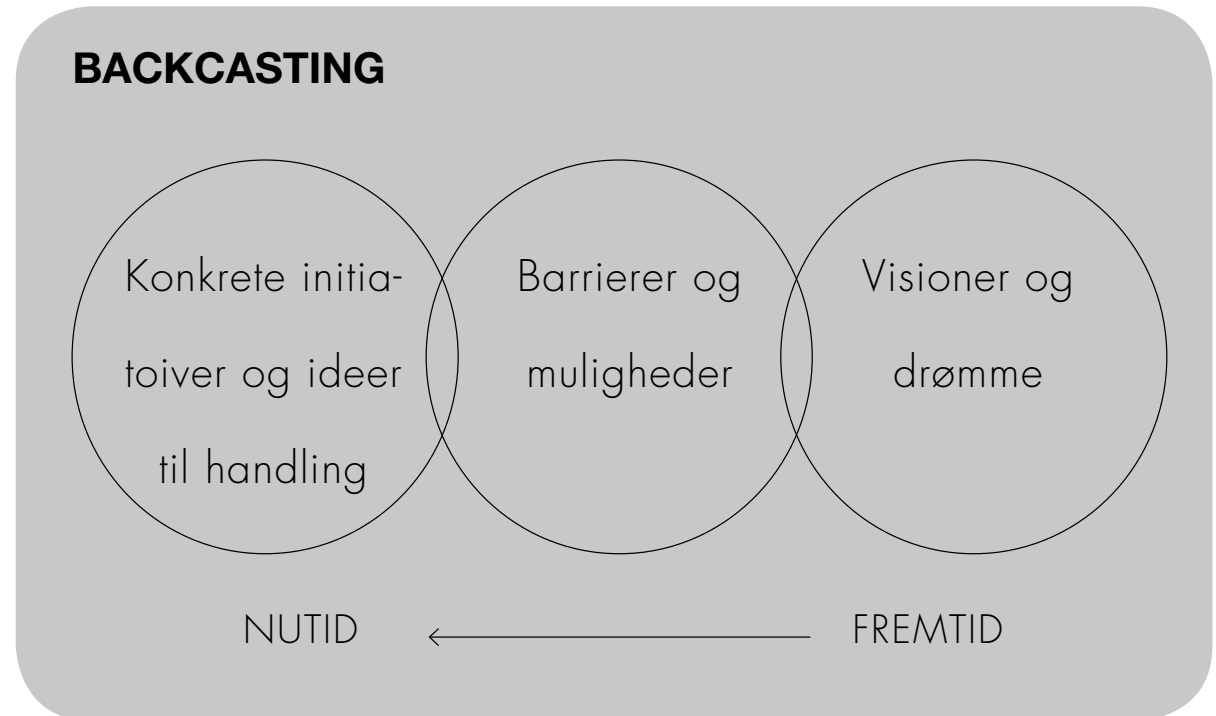
- "STAY ... IN THE FUTURE" VS.  
"BECOME ... OF THE FUTURE"
- "WHAT IF?"

## 2. DE TRE P'ER

- PROBABLE FUTURES
- POSSIBLE FUTURES
- PREFERABLE FUTURES

## 3. HOUSE OF FUTURES FEM TILGANGE TIL FREMTIDEN:

- BRED TILGANG
- TVÆRFAGLIG TILGANG
- DYB TILGANG
- HISTORISK TILGANG
- INVOLVERENDE TILGANG



# DEN ANTROPOCENE TIDSALDER

## “THE AGE OF MAN”

Nobelprisvindende atmosfærisk kemiker, **Paul Crutzen**, er fortaler for denne term. For ham er det ikke kun et spørgsmål om at beskrive geologiske udviklinger videnskabeligt – det er et spørgsmål om at blive bevidst om, at vi har et ansvar for planeten, og at vores skæbne afhænger af, om vi er i stand til at påtage os dette ansvar.

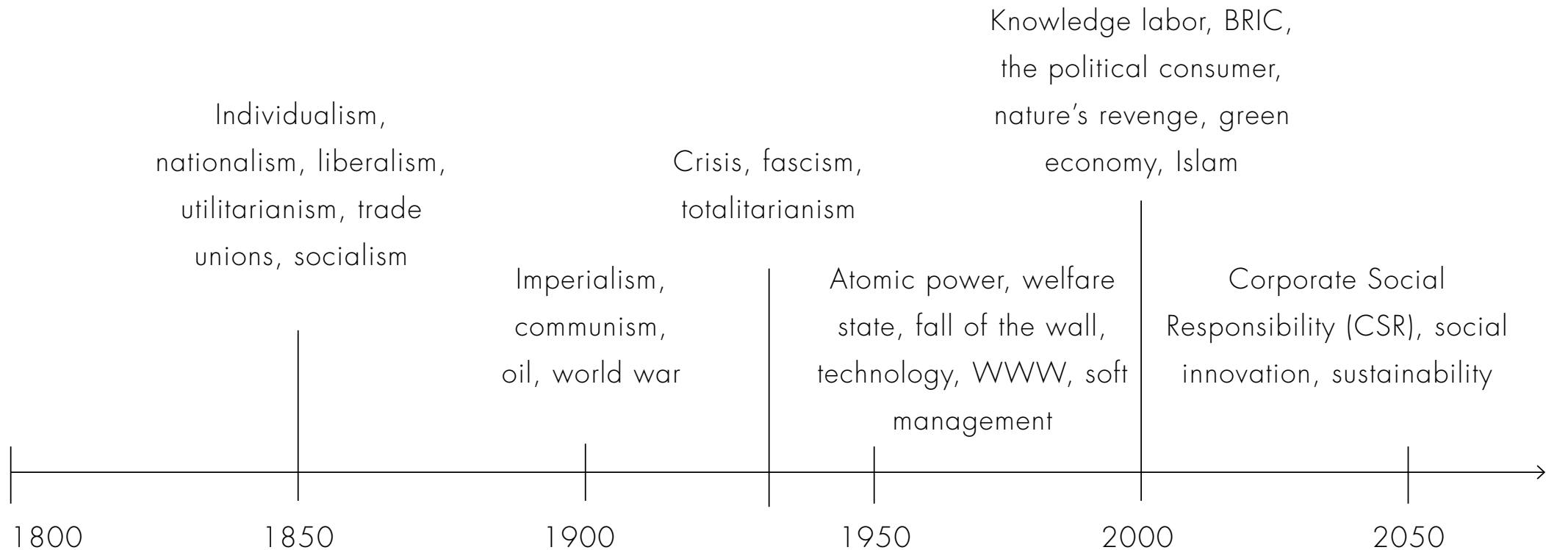


**“No one has ever before been asked to evolve a planet. There are no experts. Nobody on this Earth has seen a co-evolutionary, co-creative society. We are being asked to divine the design of social evolution – to design a world.”**

Barbara Marx Hubbard, “Transforming through 2012”, 2010.

# "THE BIG PICTURE"

## MINDSHIFTS OG VIGTIGSTE PRODUKTIONS-/MAGTFAKTORER DE SIDSTE 200 ÅR



LANDBRUGSSAMFUNDET  
- **LAND/JORD**  
- **HAV/VAND**

INDUSTRI-SAMFUNDET  
- **MASKINER/OLIE**  
- **KAPITAL/PENGE**

VIDENSSAMFUNDET  
- **MENNESKER/HJERNER**  
- **MASKINER/DATA**

DET BÆREDYGTIGE SAMFUND  
- **BRUG OG 'GENBRUG' ALLE PRODUKTIONSFAKTORER**  
- **"REDEFINE" OG "REDESIGN"!**



**“As humans, we are brought up with the mental state of preserving and maintaining, but we probably need to change the way we think and we need to be able to think more in terms of how we can deal with the unknown.”**

Carsten Rahbek, professor i biologi,  
Københavns Universitet

**“The most beautiful  
experience we can  
experience is the  
mysterious.  
It is the source of all  
true art and science.”**

Albert Einstein





# HVAD VI (I STORE TRÆK) VED OM FREMTIDEN ...

## **BEFOLKNINGSUDVIKLING:**

- 10 MILLIARDER MENNESKER PÅ JORDEN I 2100 (1 MIA. I ÅR 1000)
- HALVDELEN AF ALLE PIGER FØDT I DAG BLIVER 100 ÅR ELLER MERE

## **PRODUKTION:**

80% AF DE SIDSTE 2000 ÅRS PRODUKTION (OUTPUT)  
ER PRODUCERET I DE SIDSTE 100 ÅR OG 25% I DE DE SIDSTE 10 ÅR

## **RESSOURCER:**

VI BRUGER 1/3 MERE AF PLANETEN END HVAD DER ER BÆREDYGTIGT

## **GLOBAL OPVARMNING:**

DET BLIVER OP TIL 6 GRADER VARMERE OM 100 ÅR

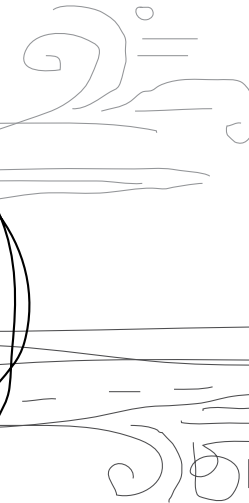
## **BIODIVERSITET:**

ARTSUDRYDDELSEN FOREGÅR ML.  
100-1000 GANGE HURTIGERE END  
'DEN NATURLIGE UDRYDDELSE'

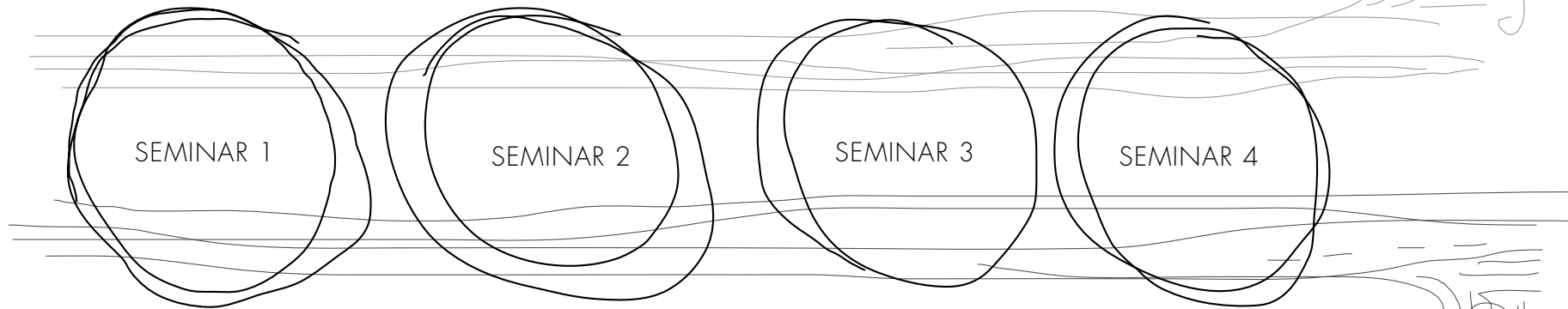


# "IN 100 YEARS – STARTING NOW"

THIS WAY, PLEASE!  
Preferred futures for  
sustainable societies 2112



SCENARIO  
PROCESS

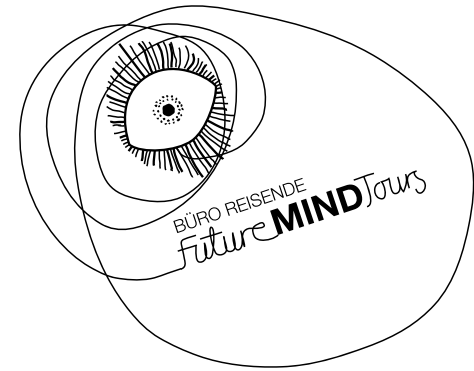


CENTER ASSESSMENT  
PROCESS (CORE GROUP)

ASSESSMENT TO  
THE VELUX FOUNDATION  
Support a center of sustainability and  
environment in Denmark?



# FUTURE MIND TOURS – 4 PERFORMANCE INSTALLATIONER



# TO ME “IN100YEARS” IS ...

... an interesting meetingplace.

... fruit for thoughts, inspiration, new ideas and HOPE.

... a daring project with a holistic approach that challenge mind sets and belief systems.

... an extension of our professional comfort zone.

... extremely important as a stimulus of sustainability knowledge, intention and action.

... a promise that there will be a future.

... mind blowing.

... a chance to interact as humans instead of institutions.

... the beginning of a new way of meeting and sharing knowledge that helps us focusing on the right values now and in 100 years.

... a tribute to foresight.

*Overgang til en bæredygtig verden. Ole Fogh Kirkeby peger i sin overgangsmyte på, at det er nødt til at være en bevægelse, der kommer indefra.*

## THE MYTH OF MELLON

“[...] No person reaches Mellon without going through their memories. Somewhere within their memory lies an experience that will prove to be the entry into Mellon.”

# MINDSET SHIFT

FROM	TO
NO MISTAKES	EMBRACE FAILURES
SHORT TERM	LONG TERM
PART OF THE WHOLE	HOLISM
ENGINEERING (MECHANISM)	ECOLOGY (ORGANISM)
HARDWARE	SOFTWARE
REDUCE BAD	DO GOOD
SYMPTOM (RELIEF THINKING)	PREVENTION
GETTING	GIVING / GENEROUSITY
OWN STUFF	RENTING/SHARING STUFF
ME	WE
COST PRICE	SUSTAINABILITY PRICE (FULL COST ACCOUNTING)
CRADLE TO GRAVE	CRADLE TO CRADLE
GREEN GROWTH	NEW INFRASTRUCTURE
CONSUMPTION	USE

# BEEN THERE, DONE THAT! BEEN WHERE, DONE WHAT?



## 6 OPFATTELSER AF NATUR:

- DET HELE / DET ALTOMFATTENDE
- NATUR SOM KONTRAST TIL KULTUR
- DET UBERØRTE (I BBC-PROGRAMMER)
- LANDLIGE SOM KONTRAST TIL BYEN
- DET FYSISKE (NATURVIDENSKABEN)
- PLANETEN JORDEN

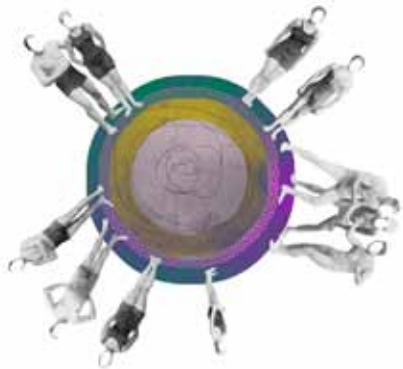
Kilde: Hans Fink, professor, AAU

He said to the room clerk,  
'Where can I buy a ticket for a planetary tour?'  
'Right here.'  
[...]

The room clerk said, 'Good weather. Come to think of it, I do believe it's the dry season now.' He added, conversationally, 'I don't bother with the outside myself. The last time I was in the open was three years ago. You see it once, you know, and that's all there is to it – here's your ticket. Special elevator in the rear. It's marked "To the Tower". Just take it.'

Isaac Asimov, "Foundation", 1951

# TO ØNSKELIGE SCENARIER FOR BÆREDYGTIGE SAMFUND 2112



## SCENARIO #1: MAN MADE WORLD

We realize that when we put our minds to it, we can develop technologies, organizations, political institutions and business models that allow us to prosper in ways that do not jeopardize planet Earth. Collectively, we are approaching a state of global stewardship in which we manage our planet rationally, like any sensible landowner would his property.



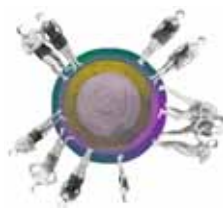
## SCENARIO #2: POWER OF NATURE

We realize that everything is nature, and so are we. We are one with Mother Earth, and we share a common biology and collective consciousness. On a deeper level, these are the sources of meaning that we all tap into, regardless of nationality, religion or culture.





## SCENARIO #1: MAN MADE WORLD



“The relationship between man and nature will need to transform in order for us to have a home in 100 years.”

– Katherine Richardson, professor, Københavns Universitet

“Humans are the dominant animal on the planet, and our behaviour plays a central role for the Earth’s capacity to function.”

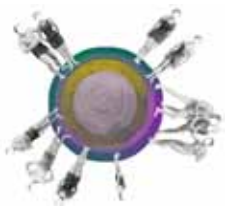
– Minik T. Rosing, professor, Københavns Universitet.

“The role of finance must evolve to serve the real needs of a sustainable economy, and it must power the transition to such an economy. This is a radical shift.”

– John Fullerton, stifter af Capital Institute.

“Companies that mimic life are more profitable.”

– Joseph H. Bragdon, forfatter til “Profit for Life” (2006)



## SCENARIO #1: MAN MADE WORLD

- MINDSET:** ANSVARLIG DETERMINATION
- ROOTS:** 1970'ERNE OG "LIMITS TO GROWTH"
- DRIVERS:** I DEN ANTROPOCENE EPOKE HAR VI ANSVARET FOR PLANETEN / KRISERNE TACKLES UANSVARLIGT / POLITISK INITIATIV AF NY GENERATION AF LEDERE
- NATURE:** NATUREN ER ET LEVENDE SYSTEM OG EN RESSOURCE
- POLITICS:** CO-CREATIVE AGENDA / OPTIMISME / WE CAN DO IT! / FOREGANGSLANDE
- BUSINESS:** HURTIG RESPONS PÅ NYE SKATTEINCITAMENTER FRA PRODUCENTER OG FORBRUGERE / BÆREDYGTIGE TEKNOLOGIER FÅR KOMMERCIELLE 'BREAK-THROUGHS' / 'LIGHT-TOUCH' OG REN ØKONOMI



GL. STRAND, KØBENHAVN 2112



## SCENARIO #2: POWER OF NATURE



"If people lose interest in nature, they lose interest in themselves."

– Gry Worre Hallberg, performancekunstner og partner  
House of Futures

"Everything is globalised, except the institutions [...] 50% percent of the world economies are entering a green economy, and once a new system penetrate by 20-50% it will change the system. Others will have to follow."

– Schnellhuber, Sustainability Lecture: "Sustainability as a social contract", University of Copenhagen, 18 Nov. 2011.

"The way we think in the next hundred years must be shaped by caring for everybody and everything, and we must leave our ego-centric way of thinking and behaving behind us."

– Ole Fogh Kirkeby, Professor in Philosophy, Copenhagen Business School, quoted from his lecture at the second In100Y-seminar 2011.

"We cannot change the outer world without changing the inner world."

– Steen Hildebrandt, professor, Aarhus Universitet.



## SCENARIO #2: POWER OF NATURE

- MINDSET:** HOLISTISK BEVIDSTHED / "ONENESS"
- ROOTS:** 1970'ERNE OG "SMALL IS BEAUTIFUL"
- DRIVERS:** AFVISNING AF DET MATERIELLE VÆKST-  
RÆS / KRISERNE TACKLES UANSVARLIGT  
/ MANGEL PÅ LEGITIMITET I ETABLEREDE  
SYSTEMER
- NATURE:** ALT ER NATUR / RESPEKT FOR ALT LIV
- POLITICS:** RADIKALE FORANDRINGER UDEN FOR  
DET POLITISKE SYSTEM / BOTTOM-UP  
/ LOKALE OG DIGITALE "CONSENSUS  
COUNCILS"
- BUSINESS:** GENERØSITET / LOKALE ØKONOMIER  
/ MARKEDET ER EN SOCIAL SAMTALE /  
VÆRDI ER MULTIDIMENSIONEL / SPON-  
TANITET OG SELVORGANISERING



GL. STRAND, KØBENHAVN 2112

# ASK YOURSELF...



Ask yourself...  
What is:  
Nature?  
Human?  
Sustainability?

DONATE A WORD. What is sustainability to you? What does it mean to be human? What do you connect with the word nature? We collect words from all over the world to make a global collage of thoughts and ideas on sustainable development. Join us at [www.norden.org/donateaword](http://www.norden.org/donateaword)



  
**- STARTING NOW**  
REWORKING SUSTAINABILITY AND GROWTH

[WWW.IN100Y.DK](http://WWW.IN100Y.DK)

**HOUSE OF FUTURES**

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**DIFFERENT FOR A REASON!**