

*Kalaallit Nunaanni piujuaannartitsineq
aallaavigalugu ingerlatsinermi periarfissaq
– Sooq, Qanoq aammalu Suna?*

**Potentialet for et bæredygtigt Grønland –
Hvorfor, Hvordan og Hvad?**

***Unlocking the potential for a sustainable Greenland –
Why, How and What?***



Tikilluarit Velkomst

Welcome

Christian Keldsen



Pisortaq, Sulisitsisut

Direktør, Grønlands Erhverv

Director, Greenland Business Association

Potentialet for et bæredygtigt Grønland Hvorfor, Hvordan og Hvad?



Unlocking the potential for
a sustainable Greenland
Why, How and What?

Kalaallit Nunaanni piujuaannartitsineq aallaavigalugu
ingerlatsermi periarfissaq soq, Qanoq aammalu suna?

www.futuregreenland.gl

Holdet bag konferencen

Ataatšimiittuni suliaqartut

The team behind the conference



So what happened in 2022?



 When Greenland is clear in its communication and takes responsibility – things happen and **the world listens!**



Strong **partnerships** are key - but we need to focus on prioritized topics to begin with



Greenland needs to better grasp the concept of foreign **investments**



The concept of “normal” needs to be expanded to address **diversity** in the workplace



Sustainability must be part of our base-development rather than an additional add-on

Det bæredygtige Grønland

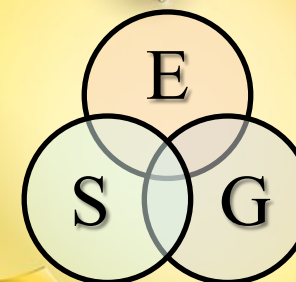
Kalaallit Nunaat piujuartitsisoq

The Sustainable Greenland

Uddannelse
Ilinniartitaaneq
Education

Bosætning
Nunasíarneq
Structure

Erhverv
Inuussutís-
sarsiorneq
Business



Økonomi & Finansiering
Aningaasaqarneq
aningaasaliissuteqarnerl
u
Finance & Financing

Arbejdskraft
Sulisussat
innuttaasullu
Labour

Fiskeriet
Aalisarneq
Fisheries

Politik
Polítikkí
Politics

Reformer
Aaqqissuusseqqinnerit
Reforms

Alliancer
Ataatsímoornerit
Alliances



Kilde: Sinek, Simon: "The Golden Circle" (2009) *Start with Why*, Portfolio Penguin



Future of Greenland 2024

Voksenkonferencen



Be social...



Velkommen/Tikilluaritsi/Welcome

Merete



Maja



Kalaallit Nunaat piujuaannartitsinerlu
Grønland og bæredygtigheden
Greenland and sustainability

**Múte B. Egede &
Krissie Winberg**



**Naalakkersuisut
Siulitaasuat**

**Formand for
Naalakkersuisut**

Prime minister



**Sulisitsisuni
siulittaasunut siulittasoq**

**Bestyrelsesleder for
Sulisitsisut**

**Chairman of the
Greenland Business
Association**

***Kalaallit Nunaata siunissaanit
inuulluaqqussut***

En hilsen fra fremtidens Grønland

Greetings from the Future of Greenland



Kalaallit Nunaata siunissaanit inuulluaqqussut

En hilsen fra fremtidens Grønland

Greetings from the Future of Greenland



Anette Molbech



Aia Jeppson



Aviâja Korneliussen



Palleq Kristiansen

"Vi vil gerne vise de unge mennesker vigtigheden af et sundt erhvervsliv, og hvordan vi kan udrette noget sammen, når erhvervslivet mødes med hinanden og med politikerne"



Future of Greenland 2024


"Future of Greenland er en succes. Vi har vist, at erhvervslivet kan arbejde sammen om at finansiere konferencen og viser dermed, at de unge mennesker er vigtige at inddrage"





Join at mentimeter.com | use code 4915 1074

Q&A: Unlocking the power of Greenlandic youth

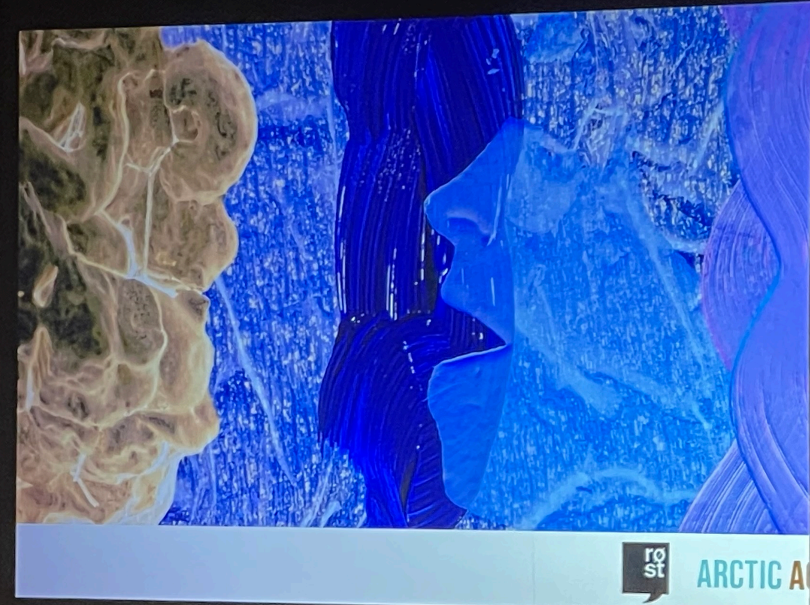
0 responses



Responses are hidden
Press  to show responses

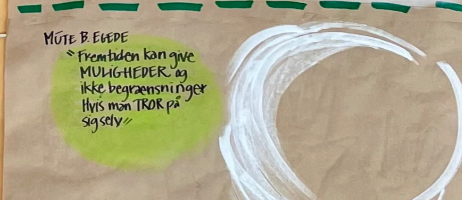
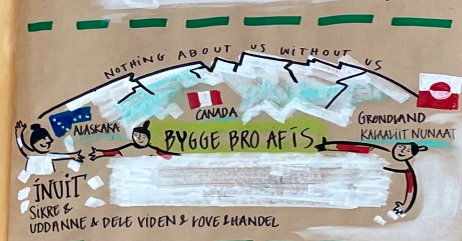
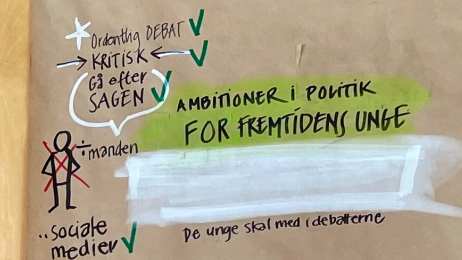
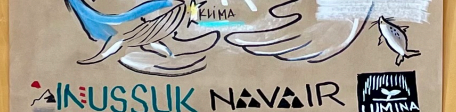
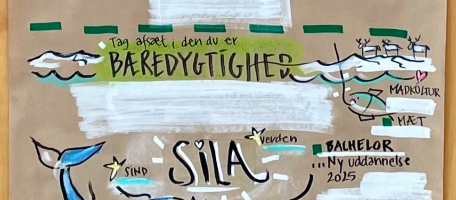
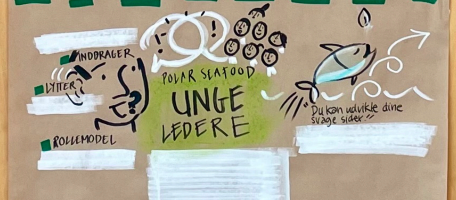
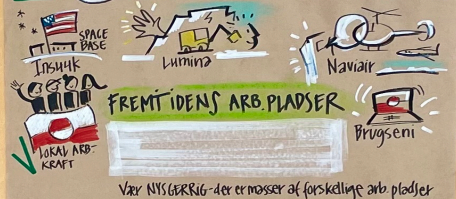
Press  to stop polling

0
16
2



Nuuk 13. May

Future of Greenland 2024



Nysgerrighed Ligeværdighed Diplomati som brobygger Inddragelse Stærk i vores kultur



Kalaallit Nunaat nunarsuarmioqataasoq

Det globale Grønland

The global Greenland

**Mininnguaq Kleist &
Jens Heinrich**



**Naalakkersuisoqarfiup
pisortaa**

Departementschef

Permanent Secretary



**Kalaallit Nunaata
Sinniisoqarfiani pisortaq**

**Grønlands
Repræsentationschef**

Head of Representation

*Silap pissusianut taannalu pillugu
aningsaasaliisarneq*

Investeringer for og i klimaet

Investing in and for the climate

Tommy Ahlers



Silap pissusia pillugu aningsaasaliisartoq
Løvens hulemilu løveusimasoq

Klima investor og tidligere Løve i Løvens hule

Climate investor and former Lion from the
“Lion’s Den”

SCIENCE CAN SAVE US

Tommy Ahlers, Future Greenland

May 14, 2024

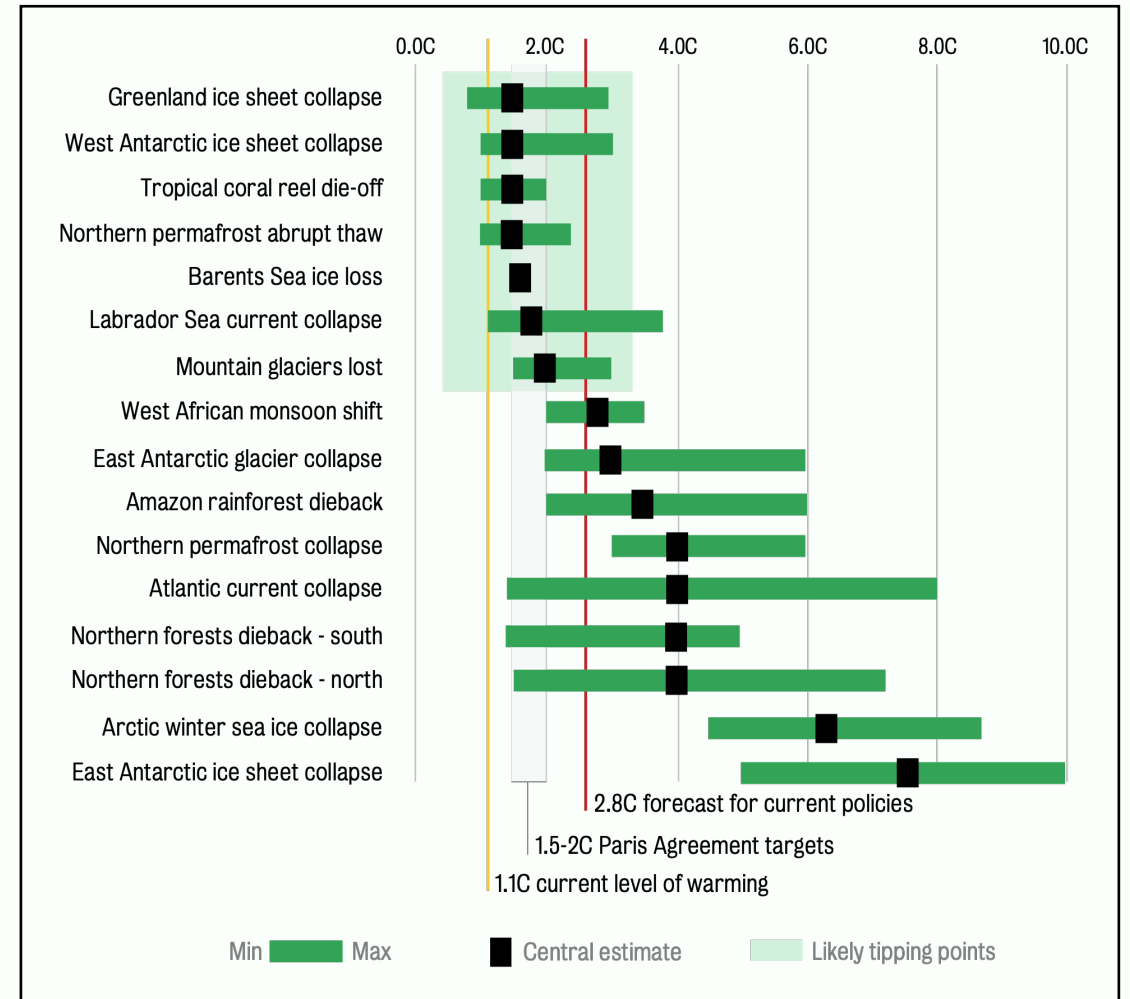
LOOK UP VENTURES



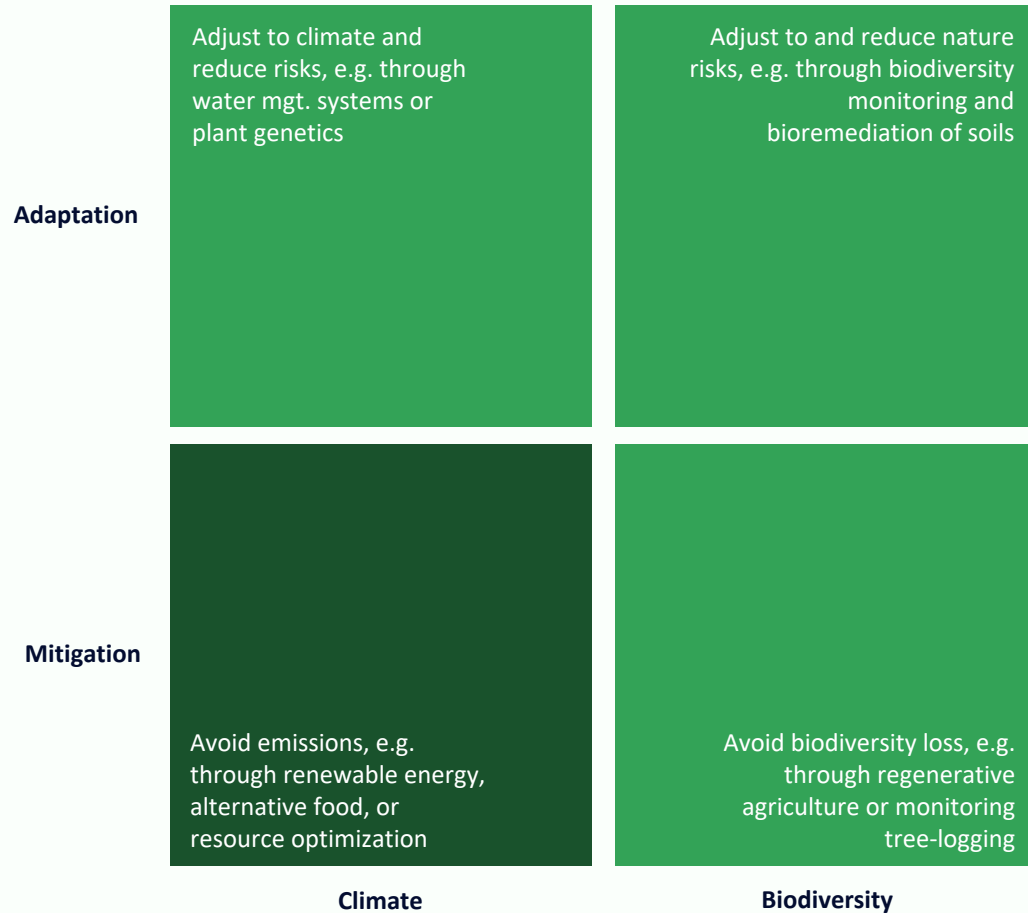
CONCITO

OUR PLANET IS AT THE BRINK OF SEVERAL TIPPING POINTS

Estimated range of global heating needed to pass tipping point temperature



WE MUST HELP OUT HABITAT ACROSS FOUR MAIN DIMENSIONS

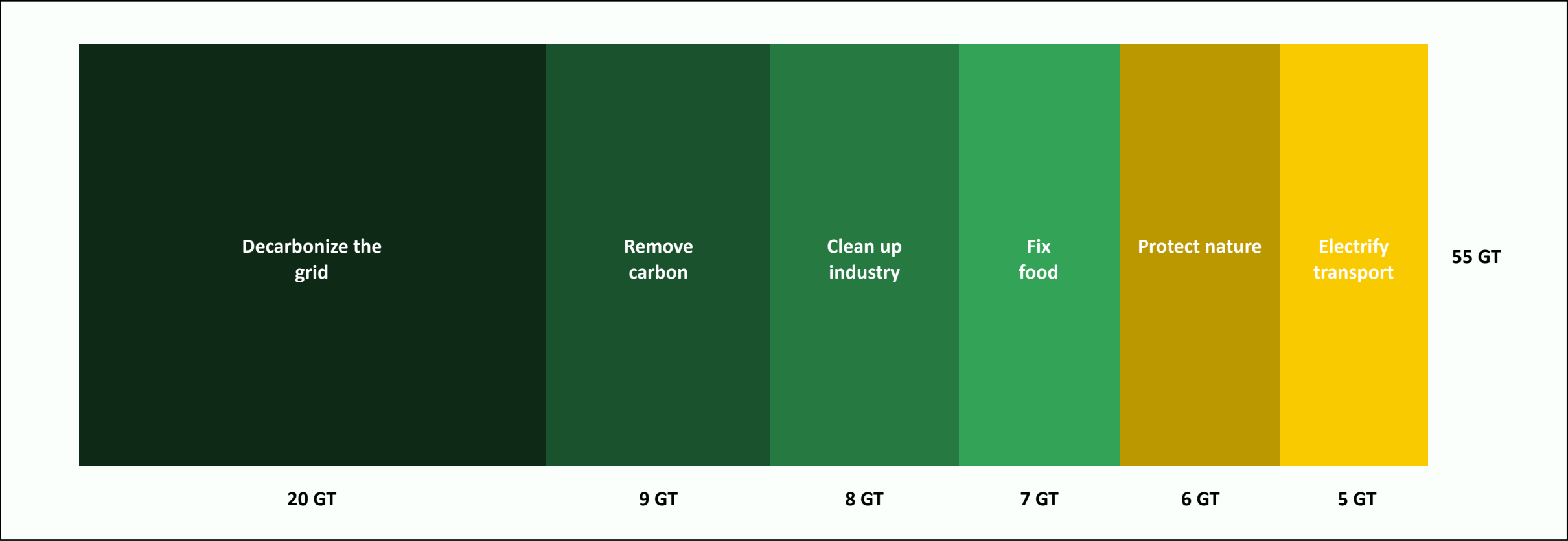


Solving the planetary crisis goes beyond mitigating carbon emissions.

To sustain and regenerate ecosystems, we must complement climate mitigation with solutions within adaptation and biodiversity.

THE PATH TO A NET-ZERO ECONOMY IS CLEAR

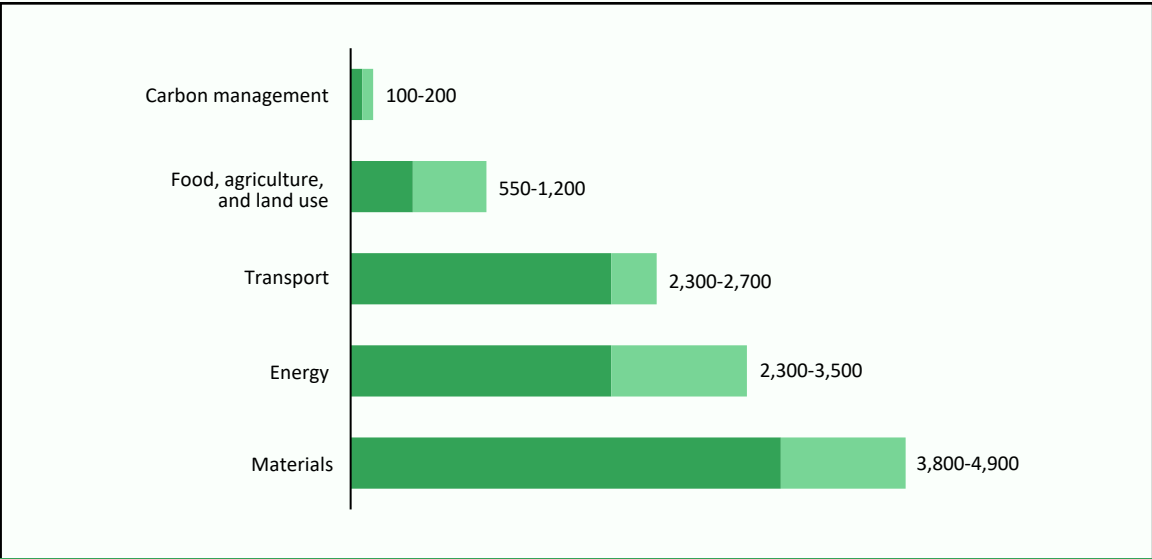
Carbon emission reduction pathways to reach net-zero by 2050



Notes:
GT = Gigatons.
For illustrative purposes only
Source: Credit Suisse, John Doerr, Speed & Scale (modified)

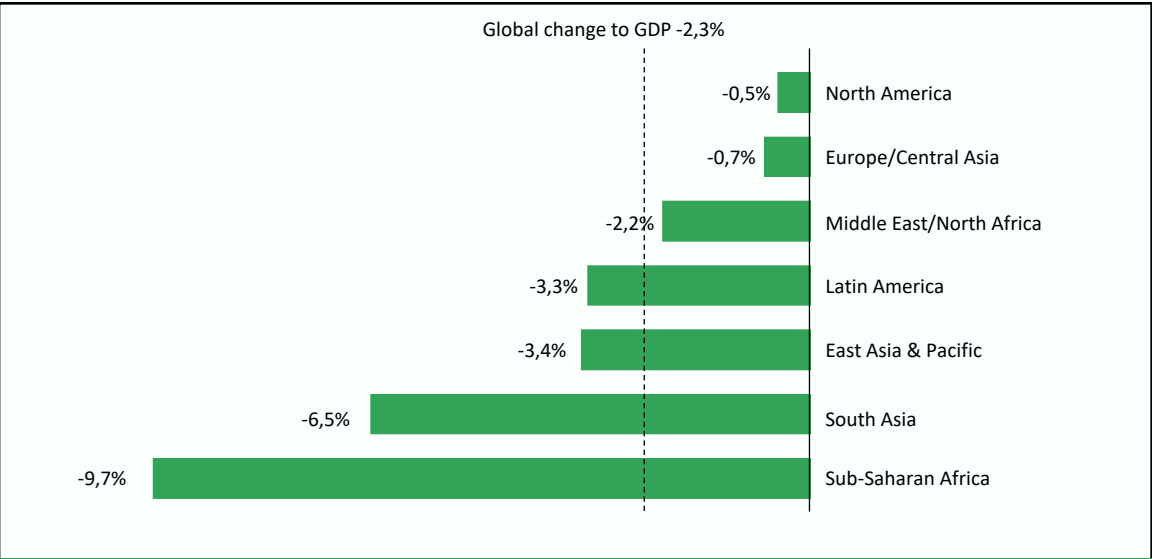
CLIMATE TECH IS A €12.5T MARKET OPPORTUNITY

Addressable market size in 2030, climate tech value pools, in € billions



MITIGATING LOSS OF BIODIVERSITY WILL AVOID DECLINE IN GDP






Change in real GDP under partial ecosystem collapse, % change in 2030 GDP



”The decarbonizing of the global economy is going to create the greatest investment opportunity of our lifetime”

Larry Fink
Blackrock CEO

OUR INVESTMENTS IN LOOK UP VENTURES

Company	Sector	Description
 Rock Flour Company	Agriculture	Technology to convert glacier-derived rock flour into a carbon capturing fertilizer
C16 Biosciences	Agriculture	Fermentation technology that produces an oil with functionalities matching those of palm oil
 huminly	Textile recycling	Enzymatic recycling technology for post-consumer polycotton textiles
 RUBI	Carbon capture & utilization	Biocatalysis technology that captures and converts CO2 into CO2-negative cellulose fibers
reshapebiotech	Biotechnology	Robotics and data platform that digitizes and automates R&D for the biotech industry
 waterplan	Water	Data platform that helps companies to measure, report, and respond to water risks
ALTRUISTIQ	Carbon accounting	Automated platform that helps companies with the measurement of CO2 footprint along their supply chain
 arkeon	Alternative proteins	Precision fermentation technology that produces proteins from CO2
 Terra.do	Network	Global platform that consolidates climate learning and career opportunities in a global network
 ikkaton	Carbon capture & utilization	CO2 capture and utilization that converts flue gas into calcite, which can be used in, e.g., cement, plastic, paint
 ENTO	Energy	Optimization of energy consumption for commercial buildings using artificial intelligence
Normative	Carbon accounting	CO2 accounting platform with CO2 reduction consulting
Seasony 	Vertical farming	Robots that automate and optimize logistics and monitoring in greenhouses and vertical farms

IF WE CAN TAKE
MORE OF THIS...

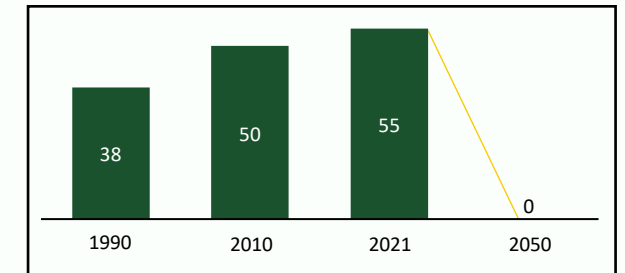


AND TURN
INTO
THAT...

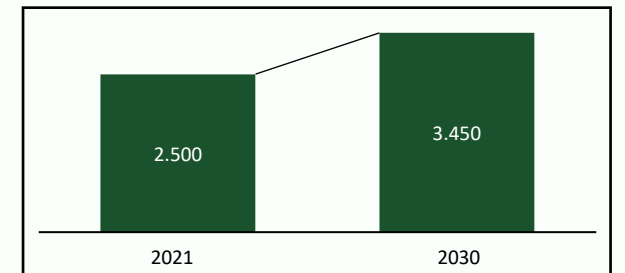
Vestas
Ørsted
novonesis
TOPSOE

WE CAN
GET THIS...

Global CO₂e emissions, GT¹⁾



GDP of Denmark, DKK billions²⁾



Notes:

1) GT = Gigatons. For illustrative purposes only.

2) Simulated growth based on Ministry of Finance projection for 2030 + calculation based on principles on slide 34

Source: ourworldindata.org, fm.dk, LUV calculations

WE NEED TO DO THREE THINGS

1 TAKE TECHNICAL RISKS

2 GET SCIENCE TALENT TO BUILD COMPANIES

3 BUILD GLOBAL WINNERS WITH IMPACT

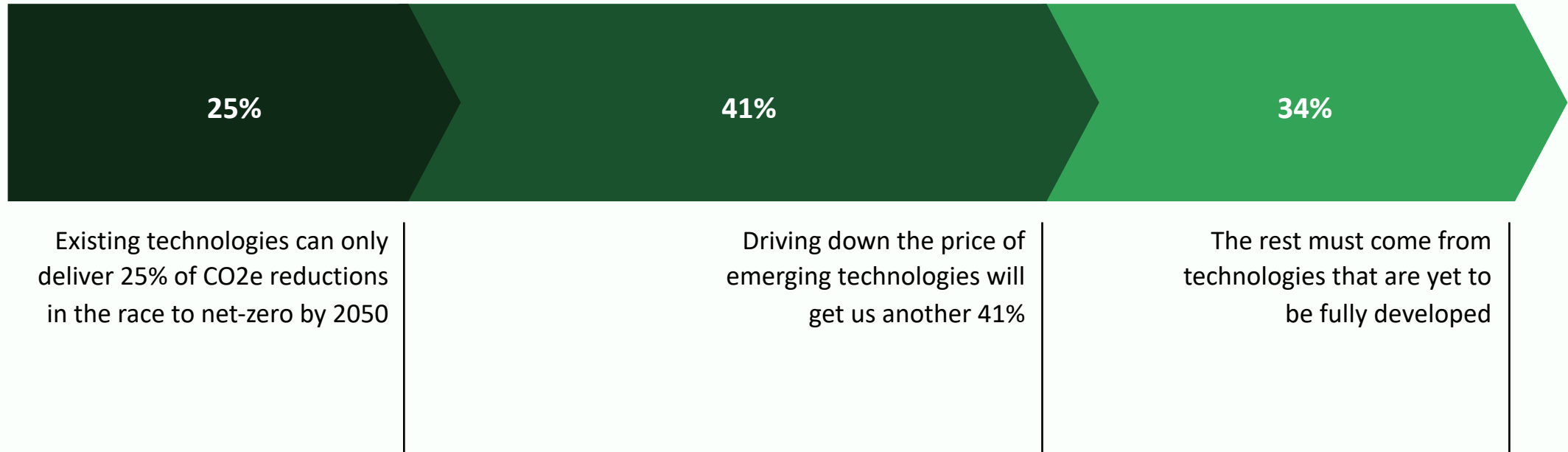
1 TAKE TECHNICAL RISKS

2 GET SCIENCE TALENT TO BUILD COMPANIES

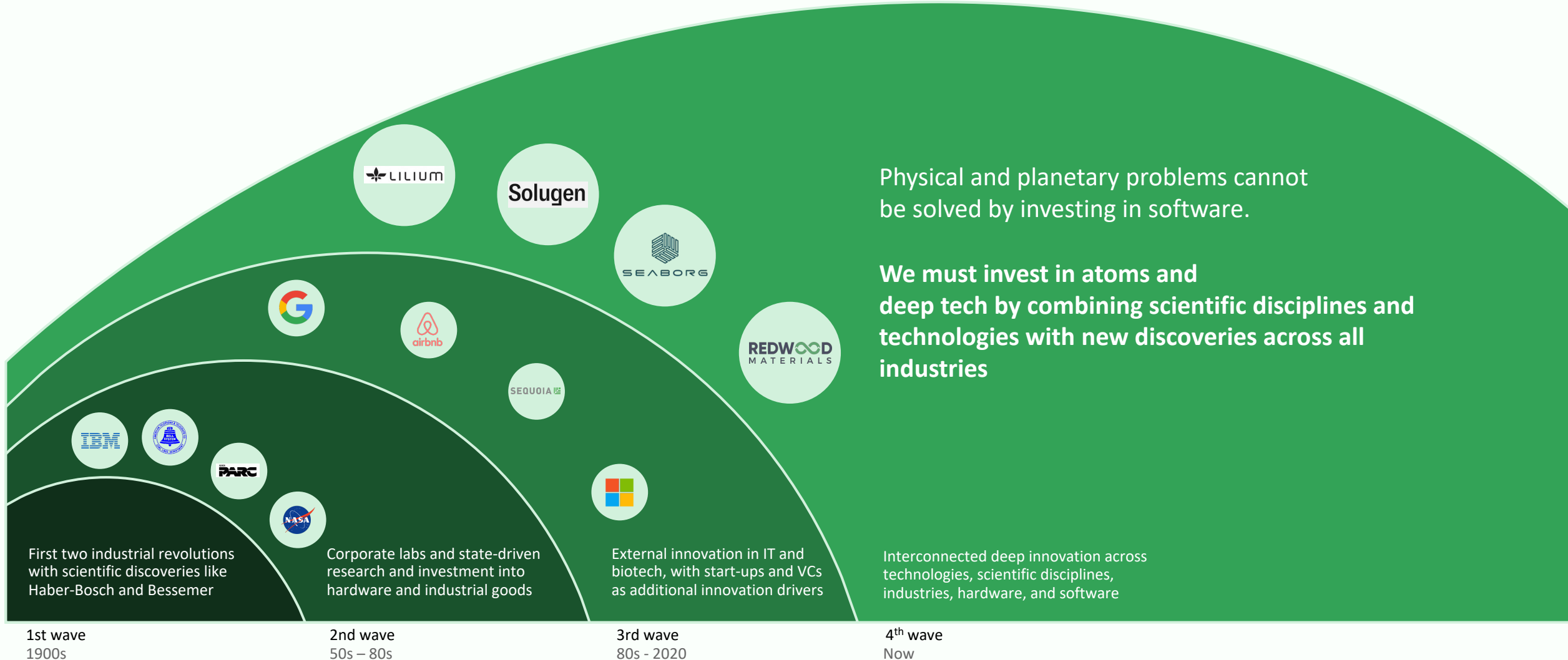
3 BUILD GLOBAL WINNERS WITH IMPACT

CONTINUING TO BE PROUD OF WIND AND SOLAR WILL NOT GET US THERE

Technology gap, net-zero contribution potential by tech maturity, %

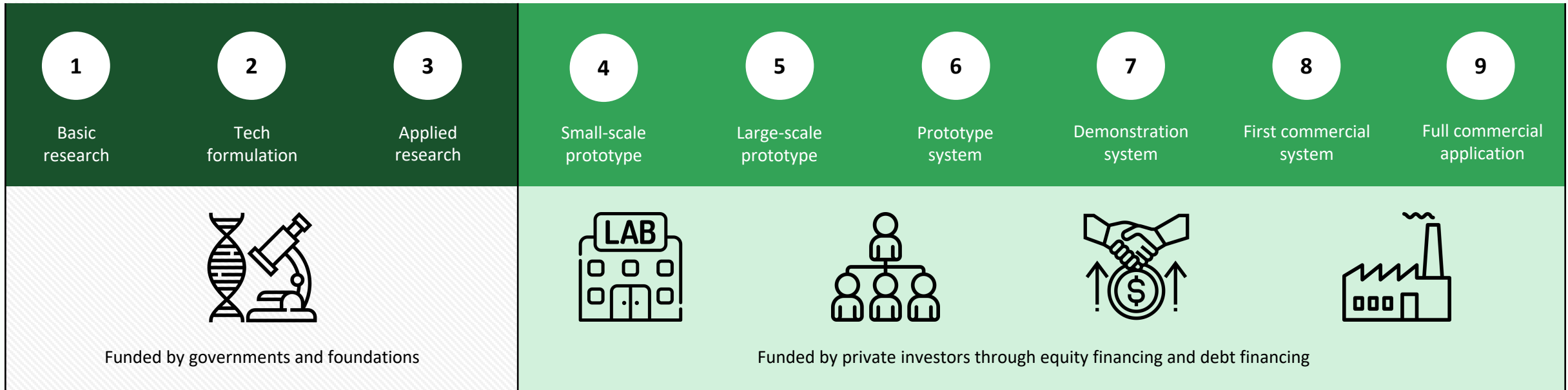


WE MUST SHIFT INVESTMENTS FROM BITS TO ATOMS



IT WILL BE EXPENSIVE TO SCALE NECESSARY TECHNOLOGIES AND DEPENDENT ON PRIVATE INVESTMENTS

Technology Readiness Level



Number of companies

DEMAND IS HAPPENING NOW, CREATING OPPORTUNITIES FOR NEW TECHNOLOGIES

Old world



High risk aversion from governments and businesses



No support to new technologies in competitive markets



No inclusion of externalities in markets



Continued investments in existing CO2-heavy supply chains and fuel sources

Past five years

€379B

committed for investment in climate technologies and tax credits in the Inflation Reduction Act¹

124

countries have made some form of Net Zero commitments, of which 69% have reporting mechanisms in place

Policy

Business

€14T

of annual sales is represented by top 2000 public companies that have made Net Zero commitments

€19T

under management by the TNFD², working to direct financial flows toward planet-positive outcomes

New world



Climate technologies are becoming cost competitive and backed by decision makers



Companies are willing to take risks and co-create with frontier start-ups



Externality taxes punish planet-negative production and services



Companies and countries agree off-take of climate solutions prior to commercialization

Notes:

1) The US Inflation Reduction Act will unlock tax credits on 40% of costs (on average, current costs) for technologies like carbon capture, direct air capture, hydrogen etc. 2) TNFD: Taskforce on Nature-related Financial Disclosures
Source: Climate Tech VC, TNFD, University of Oxford, The Energy & Climate Unit, LUV analysis

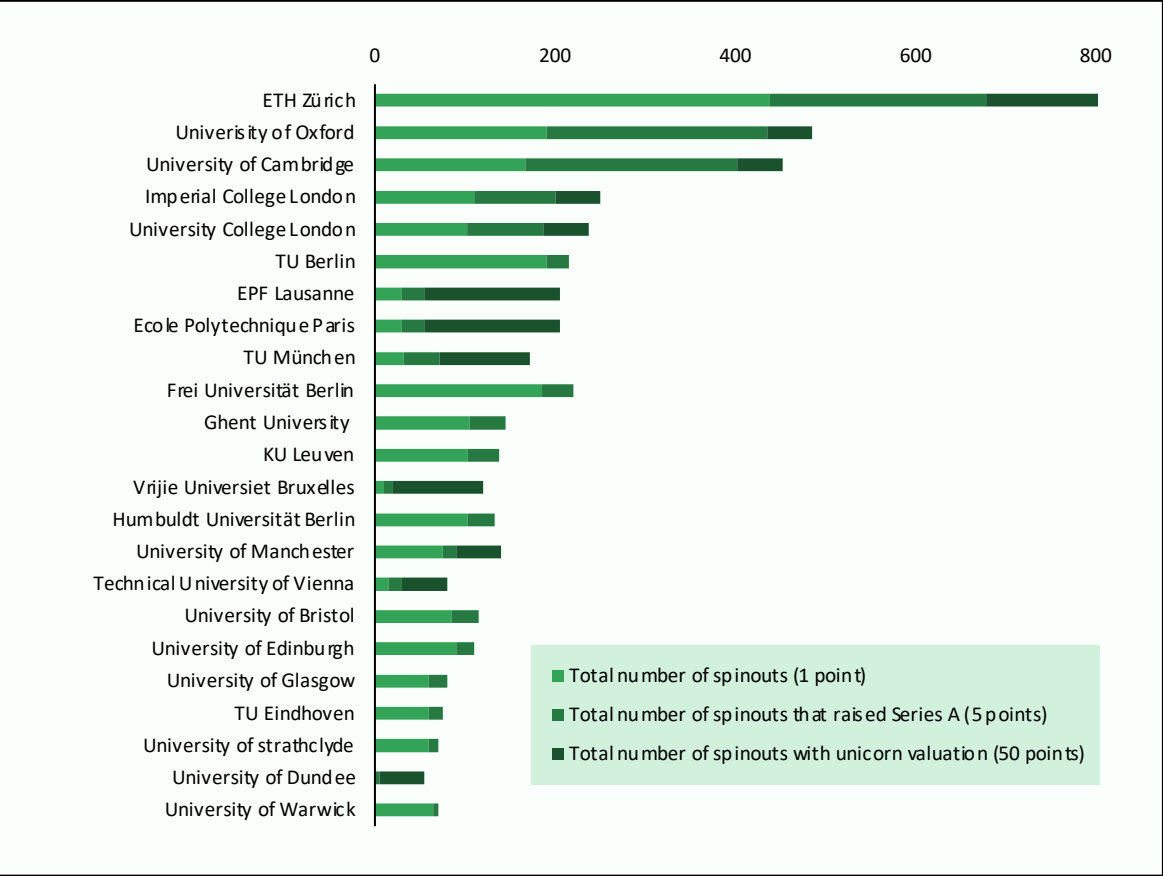
1 TAKE TECHNICAL RISKS

2 GET SCIENCE TALENT TO BUILD COMPANIES

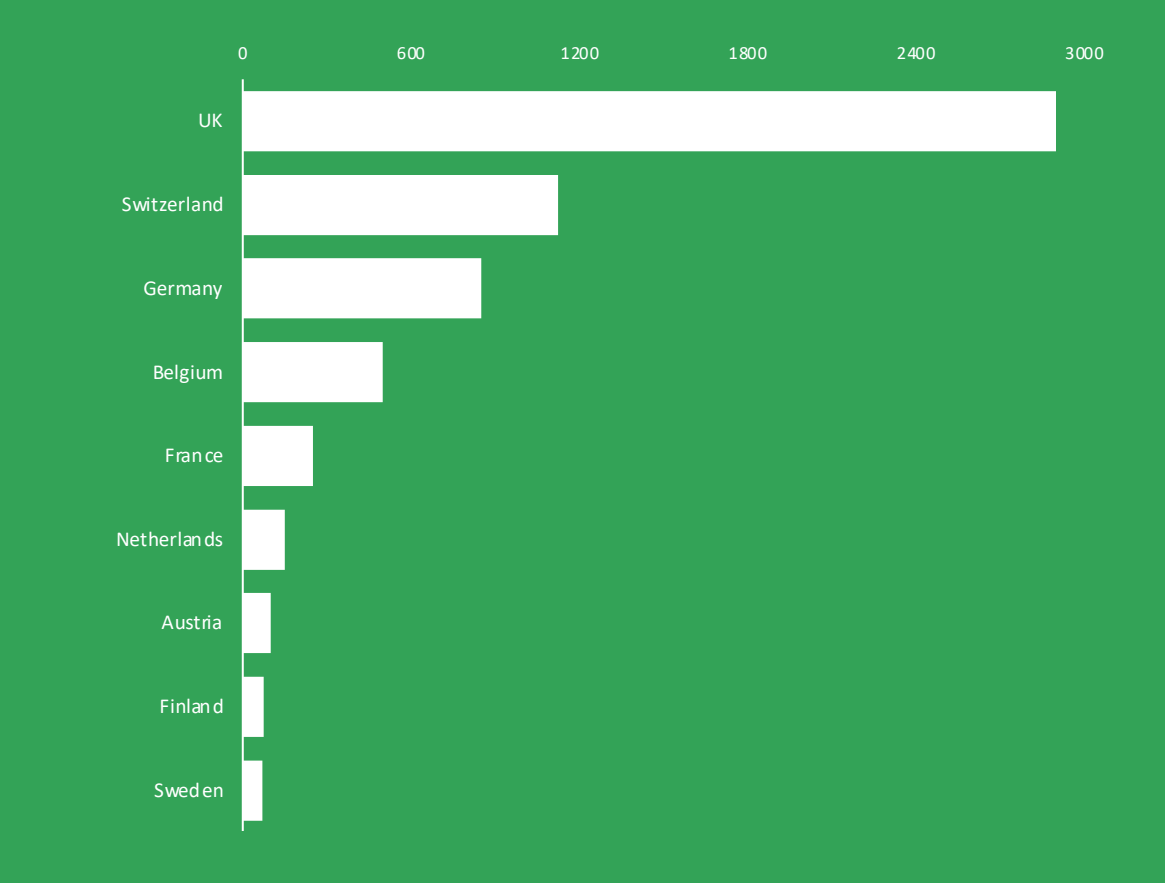
3 BUILD GLOBAL WINNERS WITH IMPACT

WE NEED MORE COMPANIES TO BE CREATED OUT OF UNIVERSITIES – MORE SPIN OUTS

European universities with most spinout value created

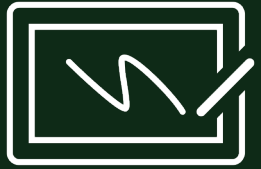


Countries with most university spinout value



Notes:
France has a mediated system for university spinouts which limits visibility on university value creation. Should only be taken as indicative as based on deals reported to DealRoom and we have not had access to original data
Source: Dealroom, LUV analysis

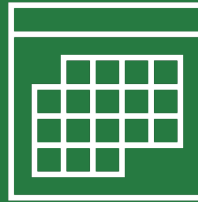
WE CAN IMPROVE ON SEVERAL AREAS TO GET MORE SPIN-OUTS FROM UNIVERSITIES



Teach
entrepreneuership



Expose academia
to investors



Make programs
for start-ups



Improve access
to IP



Change the
culture

1 TAKE TECHNICAL RISKS

2 GET SCIENCE TALENT TO BUILD COMPANIES

3 BUILD GLOBAL WINNERS WITH IMPACT



We choose to go to the moon in this decade and do the other things,

BHAG

Big Hairy
Audacious Goal



” Democratize the automobile



” Become a \$125B company by the year 2000



” Every book, ever printed, in any language,
all available in less than 60 seconds



” Crush Adidas (1960)



” Become the Harvard of the West (1940)

ENTREPRENEURS AND INVESTORS NEED TO BE MORE AMBITIOUS



Does this have global impact and is it truly transformative?

How do we hire the best people in the world?

How do we achieve cost/CAPEX advantage?

How do we make parallelized development and how does our hyper scaling plan look like?



How big can this be?

How do we get this in front of the right investors?



THANK YOU!

Ullaakkut qaalerneq nuutaaq
Shaping a new tomorrow

Emma Hopkins



**Naalagaaffeqatigiinnermut Tuluiit
Nunaannit aallartitaq**

**Britiske Ambassadør til Kongeriget
Danmark**

**British Ambassador to the Kingdom of
Denmark**

Shaping a new tomorrow

Emma Hopkins OBE, British Ambassador to the Kingdom of Denmark

Chris Barton, His Majesty's Trade Commissioner for Europe

Future Greenland Conference
Nuuk, 14 May 2024

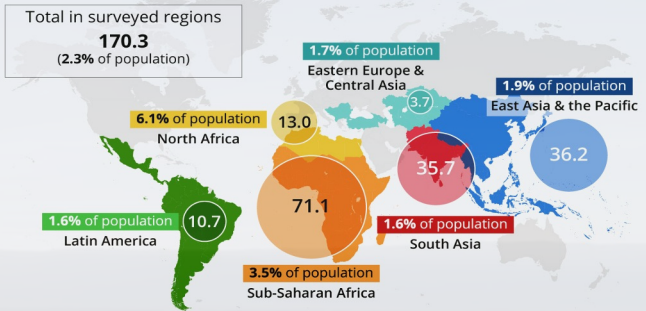






Climate Change, the Great Displacer

Average number of internal climate migrants by 2050 per region (in millions)*



* Modeled on pessimistic reference = High emission & unequal development scenarios concerning water availability, crop productivity and sea-level rise
Source: World Bank



statista







1. Shape the international environment

Shape, balance, compete and cooperate to create the conditions for an open and stable international order.

2. Deter, defence and compete across all domains

Protect UK and wider international security against state and non-state threats, and manage the risk of escalation.

3. Address vulnerabilities through resilience

Strengthen the strategic vulnerabilities that leave the UK exposed to coercion and global crises

4. Generate strategic advantage

Cultivate the UK's strengths and update our approach to statecraft to maximise our influence and freedom of action.



A detailed black and white illustration of two hands, palms up, holding a globe. The hands are rendered with fine lines and shading, suggesting a realistic texture. The globe is positioned in the center, showing continents and oceans. Surrounding the globe are various symbols and objects: a crown, a shield with a lion and a unicorn, a recycling symbol, a sailboat, a nuclear symbol, a classical building, a map of the British Isles, a Union Jack flag, a compass, a telescope, a microscope, a small globe, a compass rose, and a small globe. The entire composition is set against a plain white background.

Image generated by Copilot

UNIKKALLARNEQ

PAUSE

BREAK



Timmisartortitseqatigiit qanoq soqutiginnilersinneqarsinnaanersut

Hvordan man fanger et luftfartsselskabs opmærksomhed

How to catch the attention of an airline

Lee Lipton



ASM

Jacob Nitter Sørensen



AirGreenland

Snorri Tómasson



Icelandair

Shelly De Caria



Canadian North Airlines

Atlantikup Avannaani piujuartitsineq
Bæredygtigheden i Nordatlanten

Sustainability in the North Atlantic

**Inga Dora Markussen &
Geir Oddsson**



**Sustainability director,
AirGreenland**



General Consul. Iceland

*Peqatigiilluta siunissami
piujuartitsinermik aallussinissaq*

Sammen om en bæredygtig fremtid

A joint effort for a sustainable future

Karen Ellemann



**Nunat Avannarliit Siunnersuisoqatigiiffianni
generalsekretæri**

Generalsekretær for Nordisk Ministerråd

**Secretary General to the Nordic Council of
Ministers**



Oqallinneq – Qorsuk

Kalaallit Nunaanni

Paneldiskussion – Det grønne i Grønland

*Panel debate – Putting the Green
in Greenland*



Aqutsisoq / Moderator

Merete Lindstrøm

Tusagassiortoq

Journalist

Journalist

Emma Hopkins



Naalagaaffeqatigiinnermut Tuluut Nunaannit

aallartitaq

Britiske Ambassadør til Kongeriget Danmark

British Ambassador to the Kingdom of Denmark

Jens Heinrich



Kalaallit Nunaata Sinniisoqarfiani

pisortaq

Grønlands Repræsentationschef

Head of Representation

Geir Oddsson



Islandip generalkonsulia

Islands Generalkonsul

General Consul. Iceland

Elizabeth McCullough



Irlandip Danmarkimut aallartitaa

Den irske ambassadør til Kongeriget Danmark

Irish Ambassador to the Kingdom of Denmark

Ullup qeqqasiorneq

Frokost

Lunch



Aningaasaliisoqanngippat ineriartortoqarsinnaanngilaq.

Aningaasaliisussanut kajumissaarisarneq qanoq ingerlanneqartarpa?

Uden finansiering, ingen udvikling. Hvad vil det sige at tiltrække investeringer?

Without financing – no development. What does it mean to attract investments?

Saniatigut pisussaq ukuninnga aqunneqassaaq

/ Side eventet modereres af:

**Pisortaq/Director Mads Qvist Frederiksen,
Arctic Economic Council.**

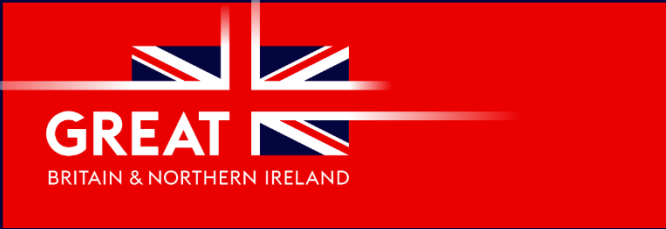
Sassartitatut peqataasussat / Paneldeltagere:

Pernille Lohmann - DLR-imi pisortaq

Troels Ranis - Senior Vice President, Dansk Industri

Aviaaja Knudsen - NunaGreen, CEO

Corinne Sandberg - Project Director, EDF, Frankrig

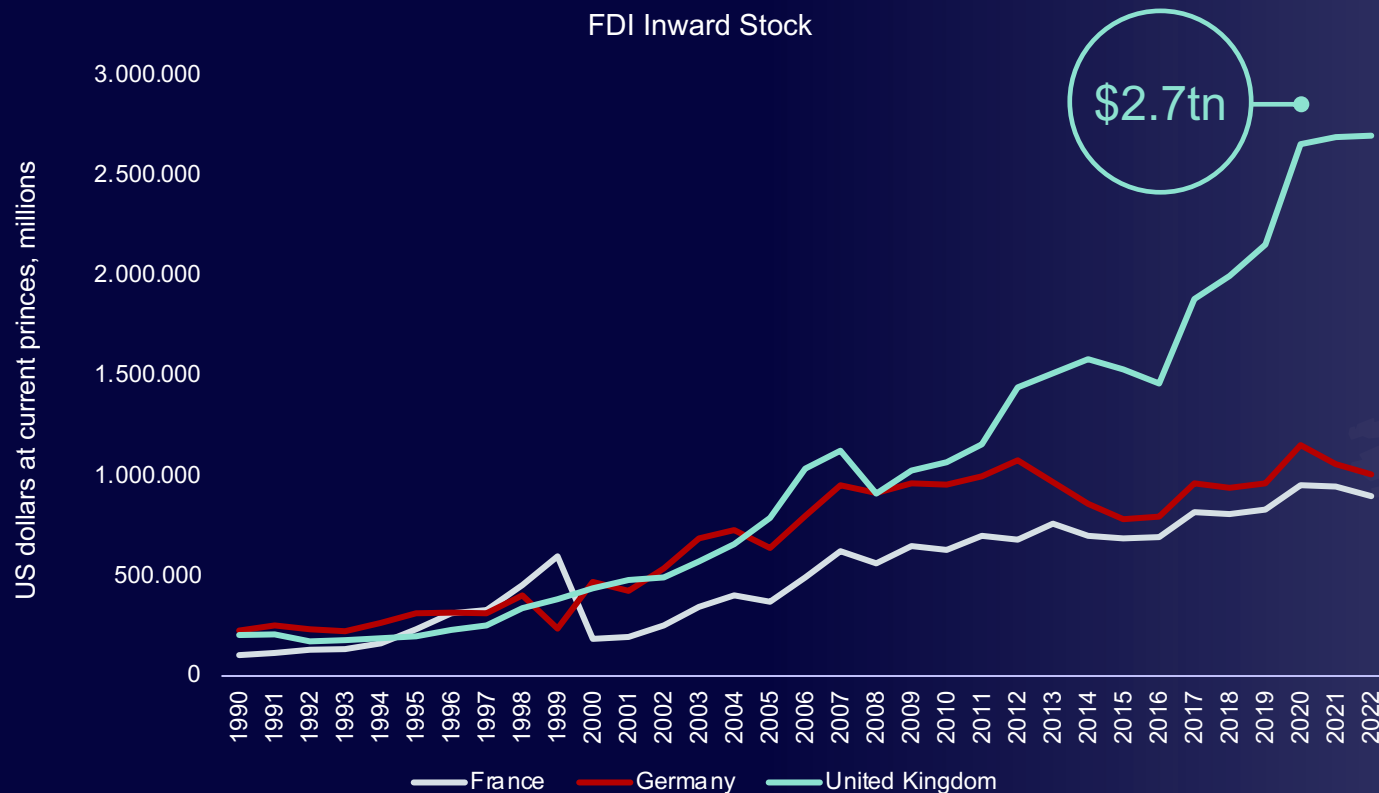


Future Greenland

What makes the UK an attractive destination for investors?

Speaker: Kasper Barfoed – Country Director for Department for Business and Trade at the British Embassy in Copenhagen

Growth of UK inward investment is consistently strong against European competitors



DBT* supports 1000+ international investment projects in the UK each year.⁶

The UK Government is committed to building on this success.

Our renewables are innovating for your tomorrow

1st

Major economy to embrace legal obligation to net zero emissions by 2050⁴⁶

3rd

In Europe and

7th

Globally for renewables energy attractiveness⁴⁷

£20bn

Carbon Capture, Utilisation and Storage development and opportunities commitment⁴⁸

UK Infrastructure Bank funding⁴⁹

£12bn

Equity and debt capital

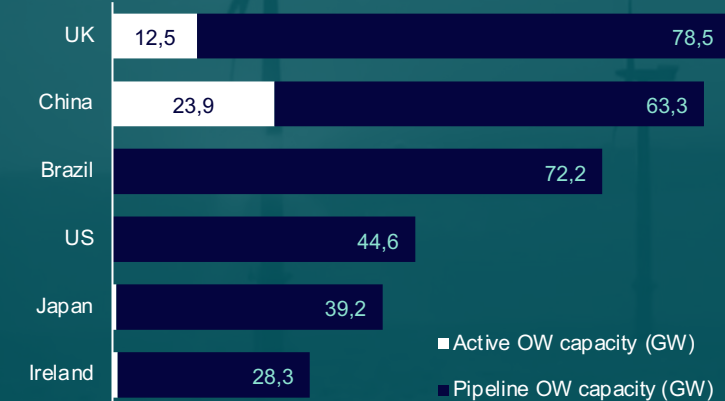
£10bn

Guarantees

£960m

Green Industries Growth Accelerator – accelerate advanced manufacturing capacity in key net zero sectors⁵⁰

Spotlight on offshore wind: UK is world-leading⁵¹



A stylized Union Jack logo composed of three rectangular segments. The top-left and top-right segments are positioned above the word 'GREAT', while the bottom-right segment is positioned to its right. The segments feature the characteristic red, white, and blue diagonal stripes of the Union Jack.

GREAT
BRITAIN & NORTHERN IRELAND



Oqallinneq – Qorsuk Kalaallit Nunaanni

Paneldiskussion – Det grønne i Grønland

Panel debate – Putting the Green in Greenland



Aqutsisoq / Moderator
Merete Lindstrøm

Tusagassiortoq

Journalist

Journalist

Múte B. Egede



Inuit Ataqaṭigiit

Aqqalu Jerimiassen



Atassut

Jens Frederik Nielsen



Demokratiit

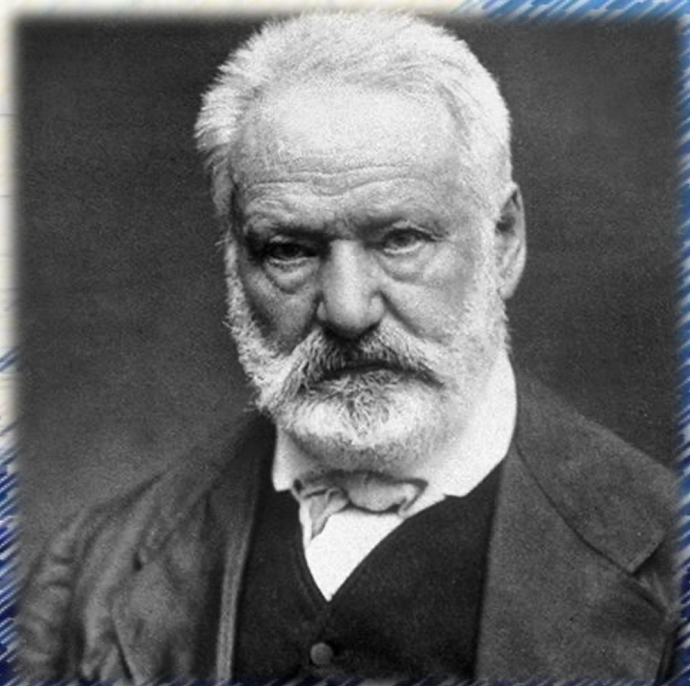
Erik Jensen



Siumut

Putting the Green in Greenland





Source: biography.com





Léoniep suut tamaasa nuannarisuuai. Sikup qaqortup qaserujuttortai, silaannarik, qilallu allaaqqissoq. Erik aappaluttoq nulialu Thórhild, Kalaallit Nunaata kujataani kangerlummi oqaluffiliortut.

Nalunngiliuk ateqaataa sumik isumaqartinneqarnersoq?

Anoraasuarnera qaangiuppoq.

"Nuna" tassa nuna? Aperivoq. Aaammalu "Groen"....

Groen qalipaammik "qorsummik" aallaaveqarpoq. Kalaallit Nunaat tassaavoq nuna qorsuusoq -qorsooqqissoqarfik.

Kisiannili issittumi qeqertaavoq. Sikuinnaavoq, maanisut.

Aap. Apeqqulli unaavoq, asasara, apeqquterpassuit nunatsinnut ilisimasassarsiortutta inissinniagaasa ilaat : qangaaniilli? Qanga Kalaallit Nunaat sermimik qallerneqarluni qeriva? Qangaaniit Kalaallit Nunaat qorsuujunnaarpa? Qanoq pisoqarami? Sooq taamatut sermimik qallerneqarpa? Taamaakkaluareernerluni, qallunaatsiaat tikimmata?

Putting the Green in Greenland



*GrønlandsBANKENip Inuussutissarsitutit pillugit
Aningaasaateqarfia: 2024-mi Aallarnisaasunut
nersornaat*

**GrønlandsBANKEN's Erhvervsfond: Årets
iværksætterpris 2024**

***The Bank of Greenland Business foundation:
Entrepreneur of the year award 2024.***

Kristian Lennert



GrønlandsBANKEN

Erhvervsfonden



Siulittaasok

Formand

Chairman of the board

Qujanaq/Tak/Thanks



What did you talk about at the Future Greenland conference today?

We talked about the 80-ies and 90-ies..



GrønlandsBANKEN

Erhvervsfonden



ARCTIC LAW
Greenland

NAVIAIR



SISA Pension



STARK
Sammen bygger vi professionelt

CBRAIN



ARCTIC IMPORT



SFAI
GREENLAND

Stay connected...



Potentialet for et bæredygtigt Grønland Hvorfor, Hvordan og Hvad?



Unlocking the potential for
a sustainable Greenland
Why, How and What?

Kalaallit Nunaanni piujuaannartitsineq
aallaavigalugu ingerlatsinermi periarfissaq
sooq, Qanoq aammalu suna?

www.futuregreenland.gl

Aqagu takoqqissaagut

På gensyn i morgen

See you tomorrow

