

The history and basics of sustainable development

What is it, how has it evolved, challenges and opportunities...

DISCOVER YOUR WORLD



Personalised introduction of/by the speaker

Speaker

DISCOVER YOUR WORLD

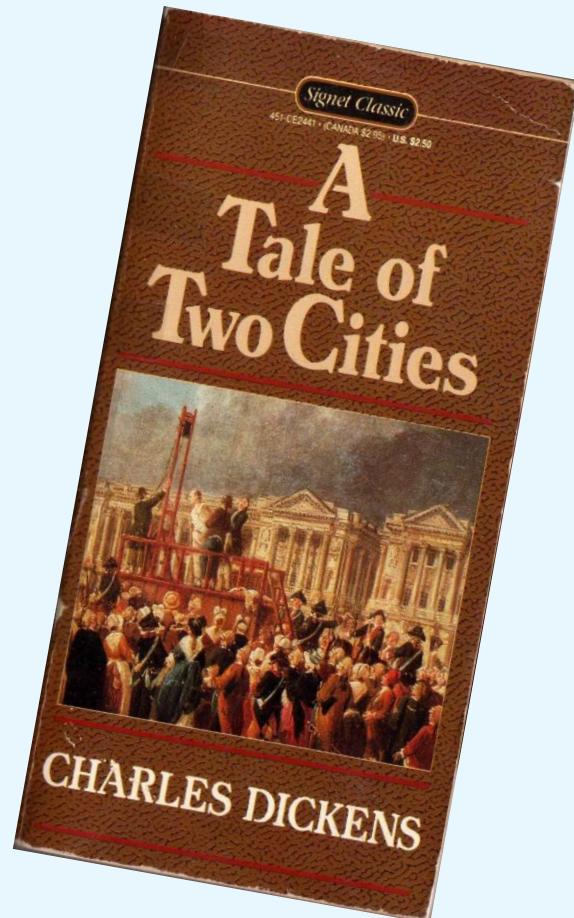
SUSTAINABILITY – SUSTAINABLE DEVELOPMENT



Tale of two cities

“

*It was the best of times, it was the worst of times,
it was the age of wisdom, it was the age of foolishness,
it was the epoch of belief, it was the epoch of incredulity,
it was the season of Light, it was the season of Darkness,
it was the spring of hope, it was the winter of despair...*







PARIS2015

UN CLIMATE CHANGE CONFERENCE

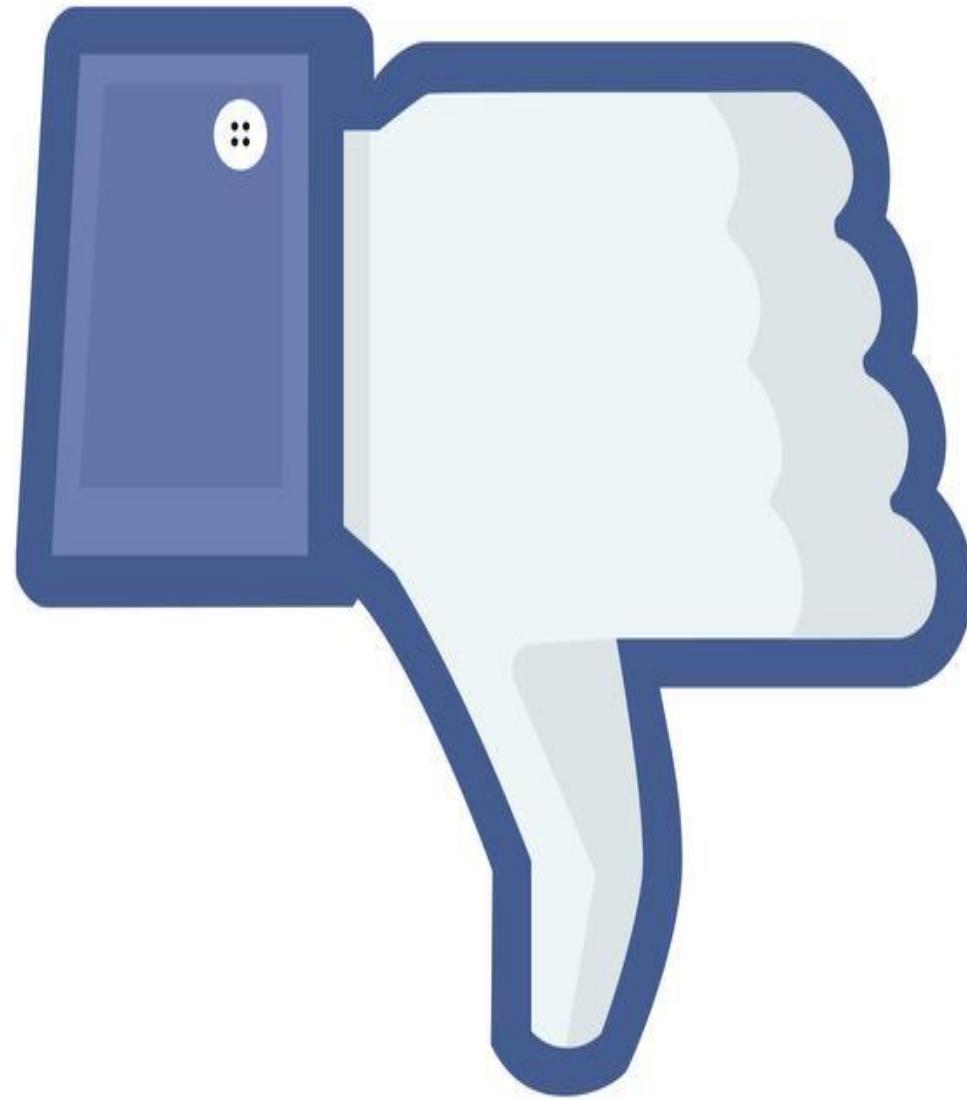
COP21·CMP11

The logo for the Paris 2015 Climate Change Conference. It features a large, stylized graphic on the left side composed of overlapping semi-circles in shades of white, yellow, orange, and green. To the right of this graphic, the word "PARIS2015" is written in large, bold, black, sans-serif capital letters. Below this, the text "UN CLIMATE CHANGE CONFERENCE" is written in a smaller, black, sans-serif font, angled upwards. At the bottom right, the text "COP21·CMP11" is written in a large, bold, black, sans-serif font, also angled upwards. The overall design is clean and modern, with a focus on the color palette of the graphic.





KLIMAATZAAK





≡ **CNN** Climate Solutions Weather

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The UN climate summit ended in bitterness and accusations of betrayal. Now fears are growing for its future

Analysis by Laura Paddison, CNN Senior Climate Reporter

4 minute read · Published 10:10 AM EST, Mon November 25, 2024

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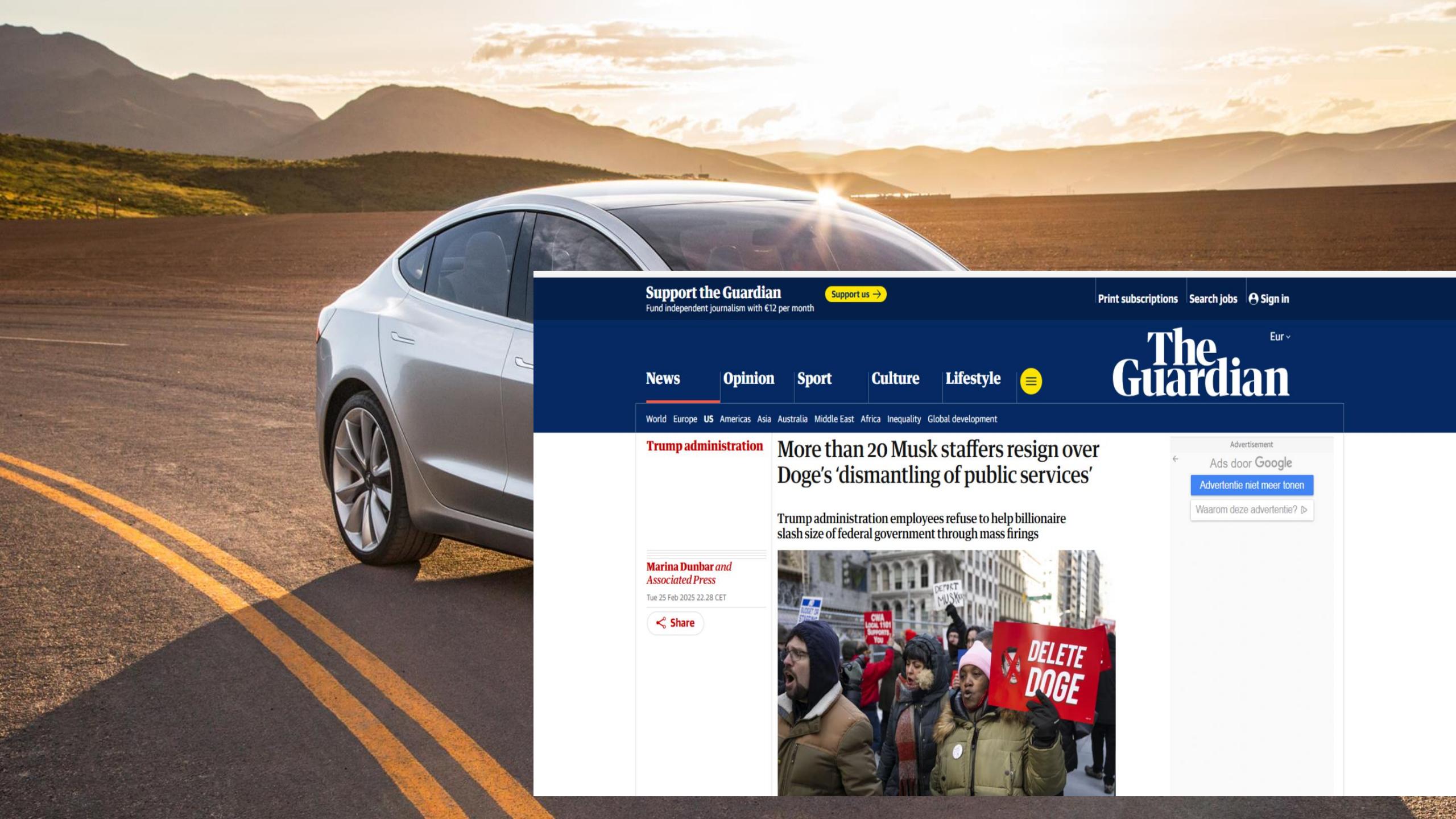


'Deadly consequences': Health agencies reel from ...



Political conference

RIS2015
CLIMATE CHANGE CONFERENCE
COP21·CMP11



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Marina Dunbar and
Associated Press

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Landmark Climate Change Case Overturned: The Hague Court of Appeals OVERTURNS Ruling Ordering Shell to Reduce CO2 Emissions

NOVEMBER 13, 2024 | COMMENTARY

In Short

The Ruling: On November 12, 2024, The Hague Court of Appeals overturned the landmark climate change litigation case that imposed a 45% CO2 reduction obligation on Shell.

The Result: The Hague Court of Appeals established that companies have an obligation to reduce CO2 emissions and failing to take adequate reduction measures may constitute a violation of human rights and lead to liability. However, the Dutch civil courts cannot impose a specific reduction target, as long as there is no scientific consensus on the necessary reduction in a specific sector and country.

Looking Ahead: This ruling confirmed a duty of care for companies to reduce CO2 emissions. While a specific reduction target cannot be imposed by the civil courts, companies that fail to implement adequate reduction measures may be subject to scrutiny and targeted in litigation. The court of appeals' judgment may still be appealed before the Dutch Supreme Court.

On May 26, 2021, The Hague District Court issued a ruling ordering Shell Plc (formally known as Royal Dutch Shell), the parent company of the Shell Group, to reduce the Shell Group's (scope 1, 2, and 3) emissions of greenhouse gases ("GHGs") by 45% in 2030, relative to 2019. The district court ruled in favor of the plaintiffs, Friends of the Earth The Netherlands ("FoE"), that—in short—Shell's duty of care required Shell to prevent climate change through its own emissions reduction, and that a failure to do so would constitute an imminent tort. This duty of care was construed based on, *inter alia*, the widespread international consensus that human rights offer protection against the impacts of dangerous climate change. In particular, the district court based this on the Paris Agreement, the [UN Guiding Principles on Business and Human Rights](#), and other guidance.

PRACTICES

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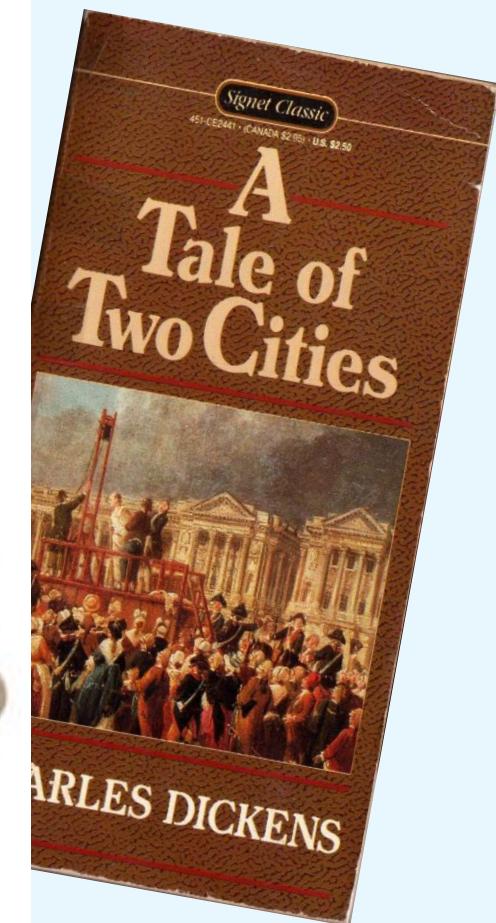




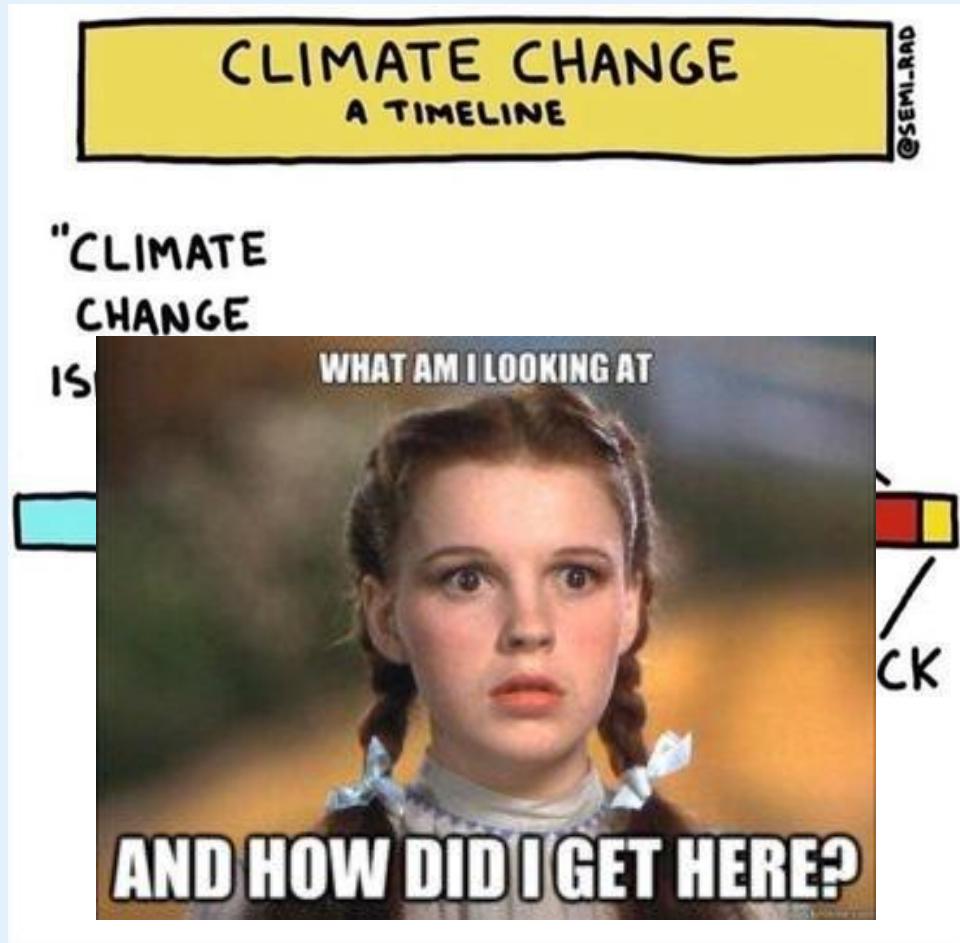
Tale of two c

“

*It was the best
it was the age
it was the epoch
it was the season
it was the spring*



The need to address sustainability...



- and quite a few other challenges that threaten our planet and, consequently, all of us...



Let's start "from the beginning"...

<https://climate-positive-education.org/history-sustainable-development/>

Episode 1

Let's watch it...

SUSTAINABLE DEVELOPMENT

How would you define “sustainable development”?

What is it?

What is it not?

What is included?

What is not included?

What are the most important elements?

What are less important elements?

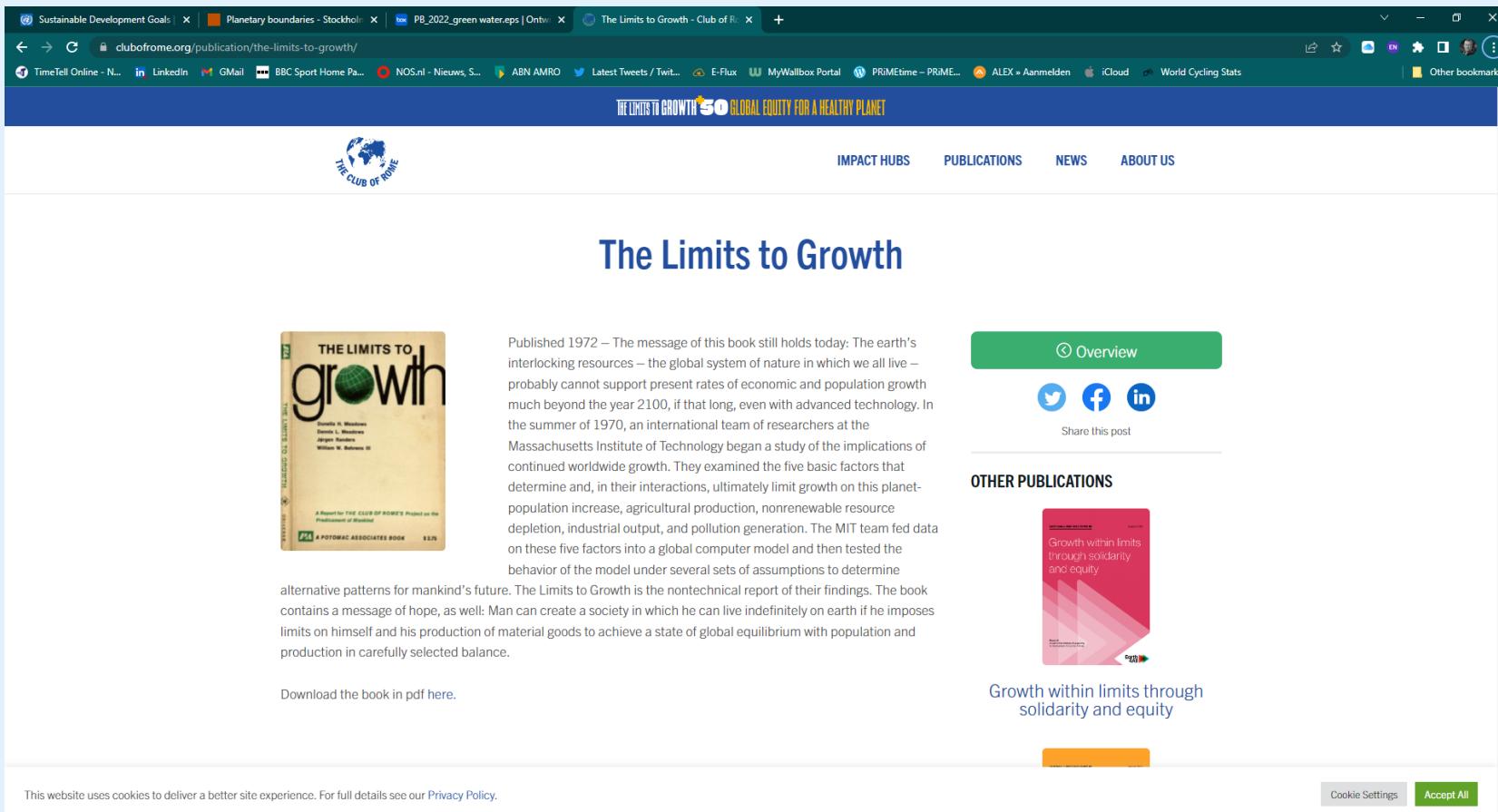
What is the difference between sustainability and sustainable development?

What kind of development is sustainable?

Episode 3

Let's watch it...

Club of Rome: key message and what has happened since



1972!!!

The Limits to Growth

Published 1972 – The message of this book still holds today: The earth's interlocking resources – the global system of nature in which we all live – probably cannot support present rates of economic and population growth much beyond the year 2100, if that long, even with advanced technology. In the summer of 1970, an international team of researchers at the Massachusetts Institute of Technology began a study of the implications of continued worldwide growth. They examined the five basic factors that determine and, in their interactions, ultimately limit growth on this planet: population increase, agricultural production, nonrenewable resource depletion, industrial output, and pollution generation. The MIT team fed data on these five factors into a global computer model and then tested the behavior of the model under several sets of assumptions to determine alternative patterns for mankind's future. The Limits to Growth is the nontechnical report of their findings. The book contains a message of hope, as well: Man can create a society in which he can live indefinitely on earth if he imposes limits on himself and his production of material goods to achieve a state of global equilibrium with population and production in carefully selected balance.

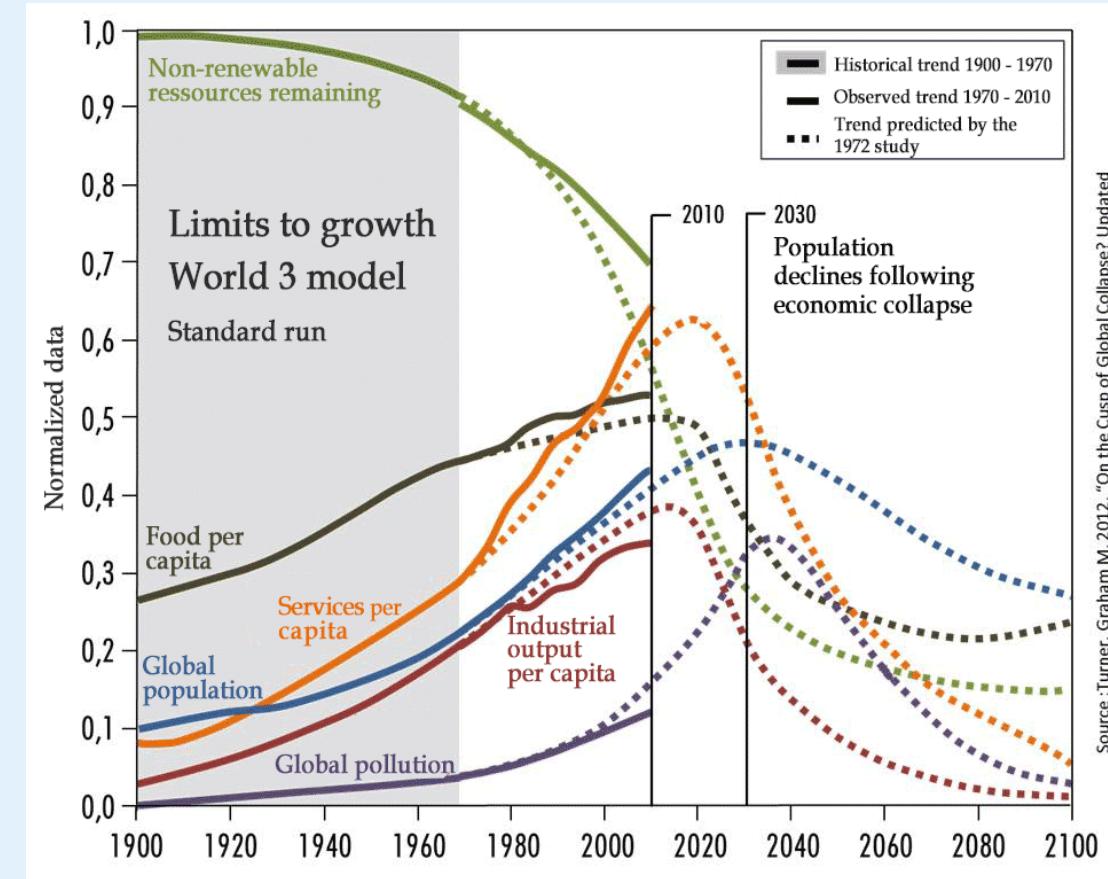
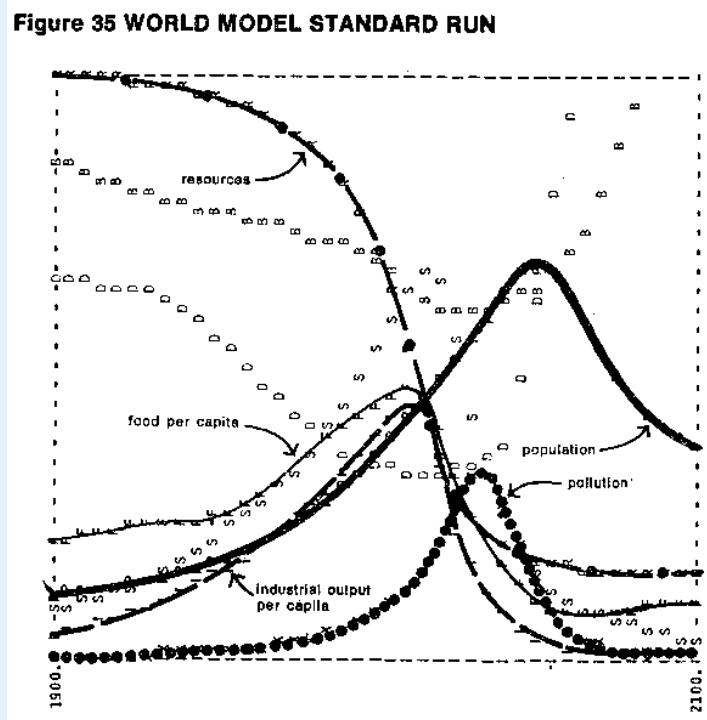
Download the book in pdf here.

<https://www.clubofrome.org/publication/the-limits-to-growth/>

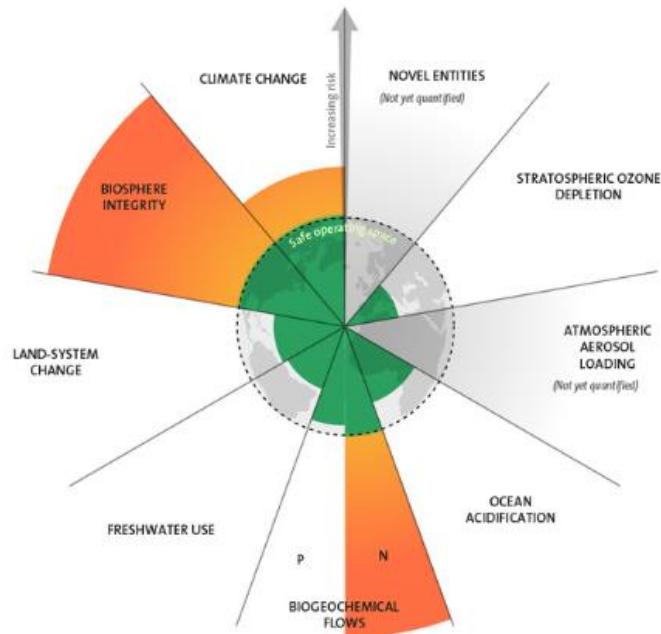
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Club of Rome: key message

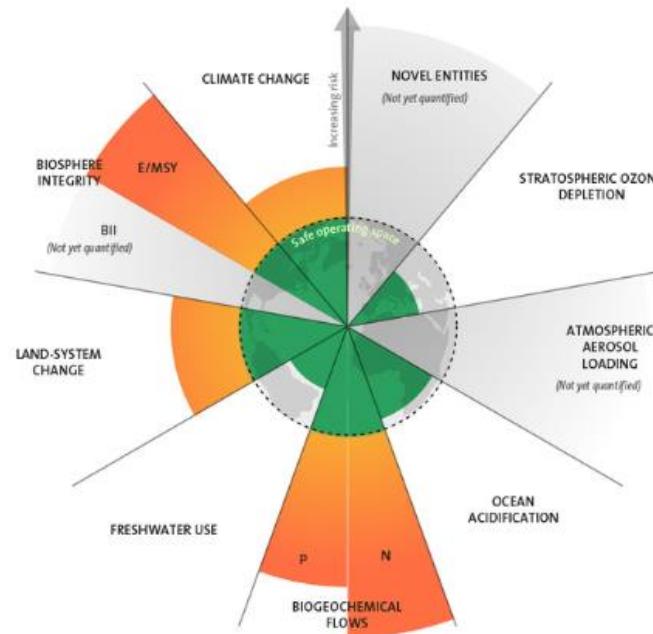


2009



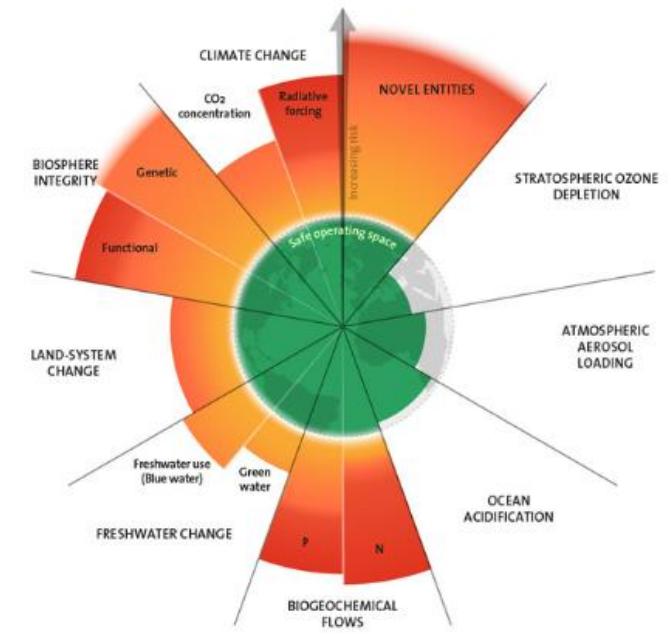
7 boundaries assessed,
3 crossed

2015

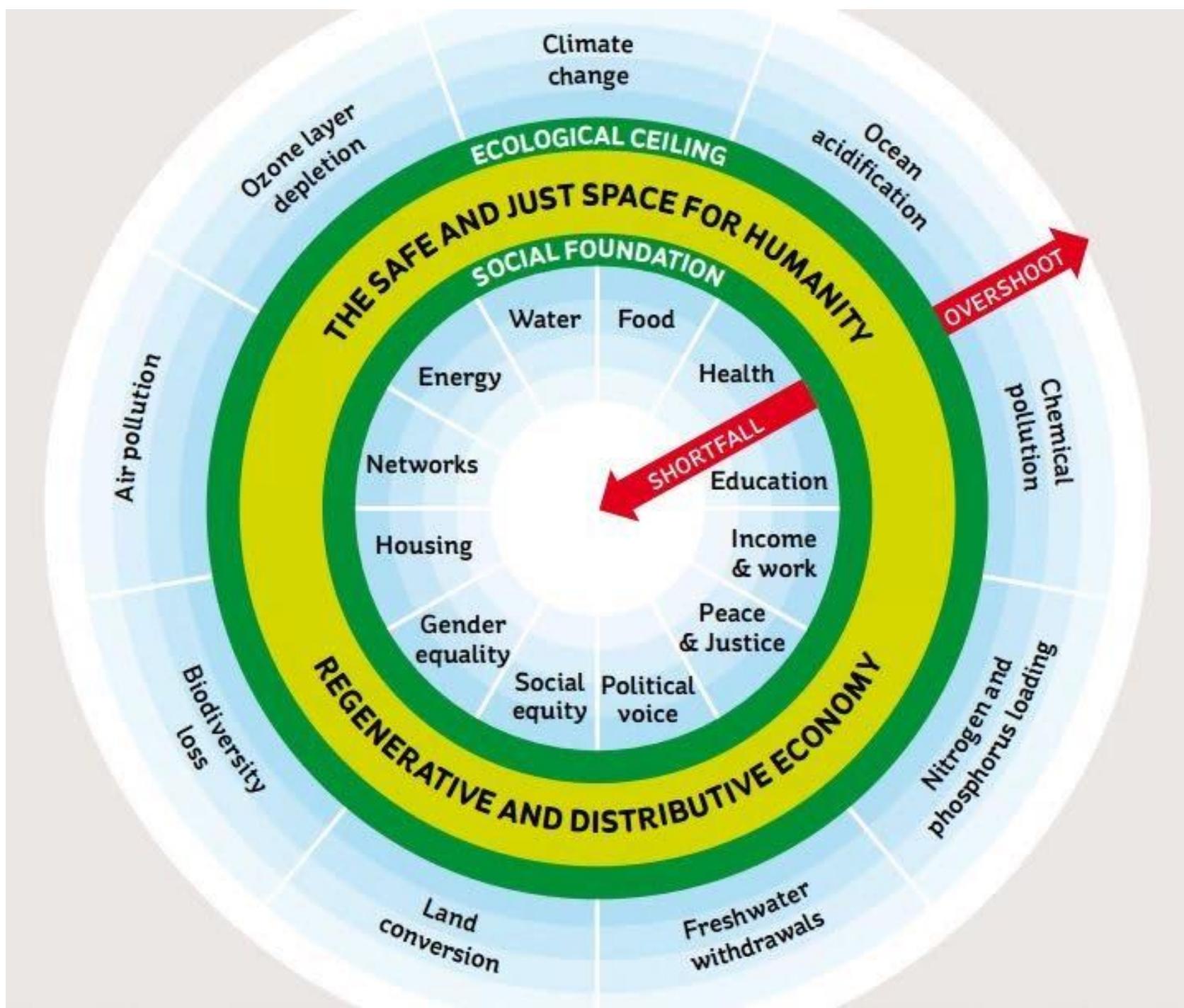


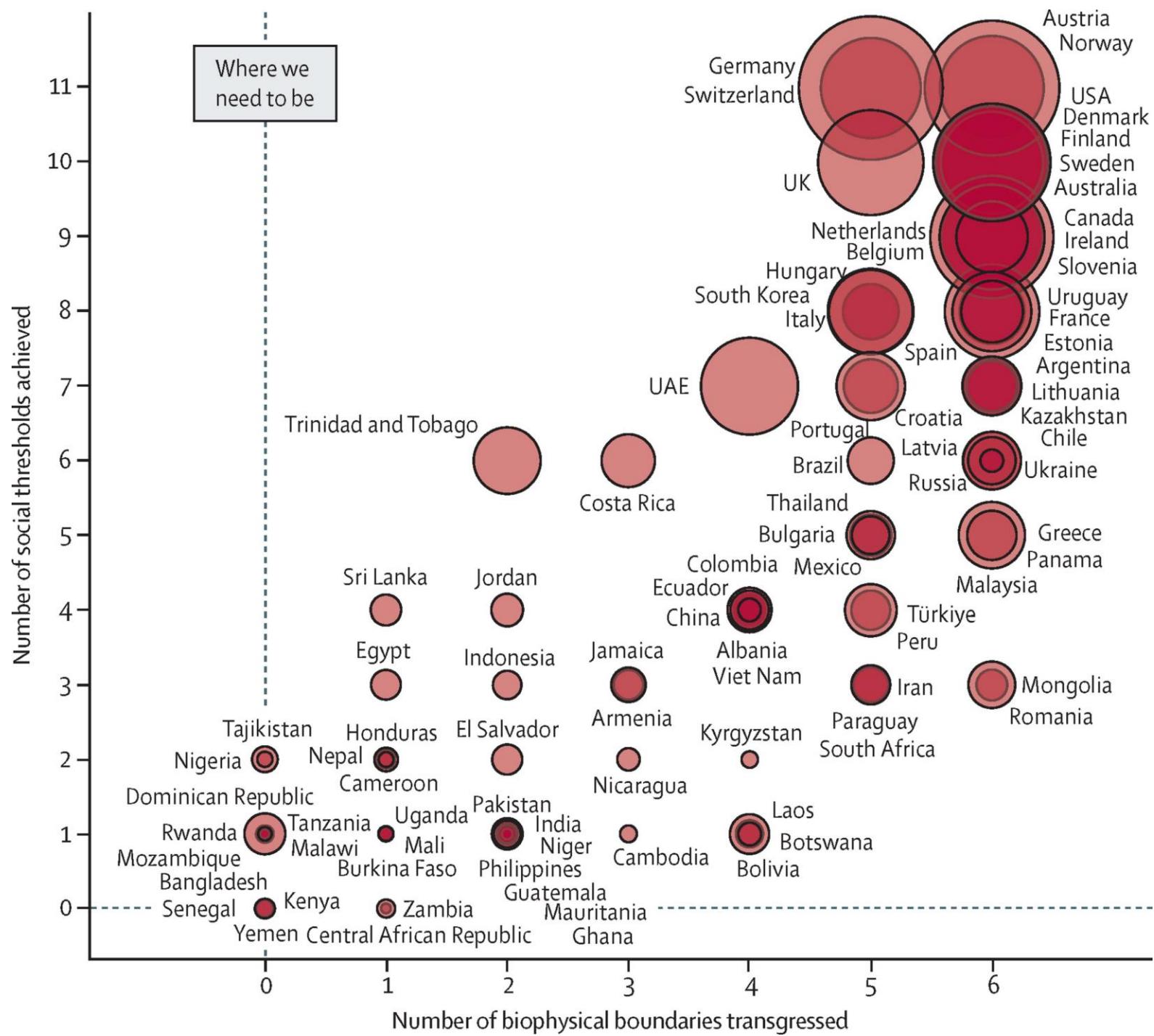
7 boundaries assessed,
4 crossed

2023

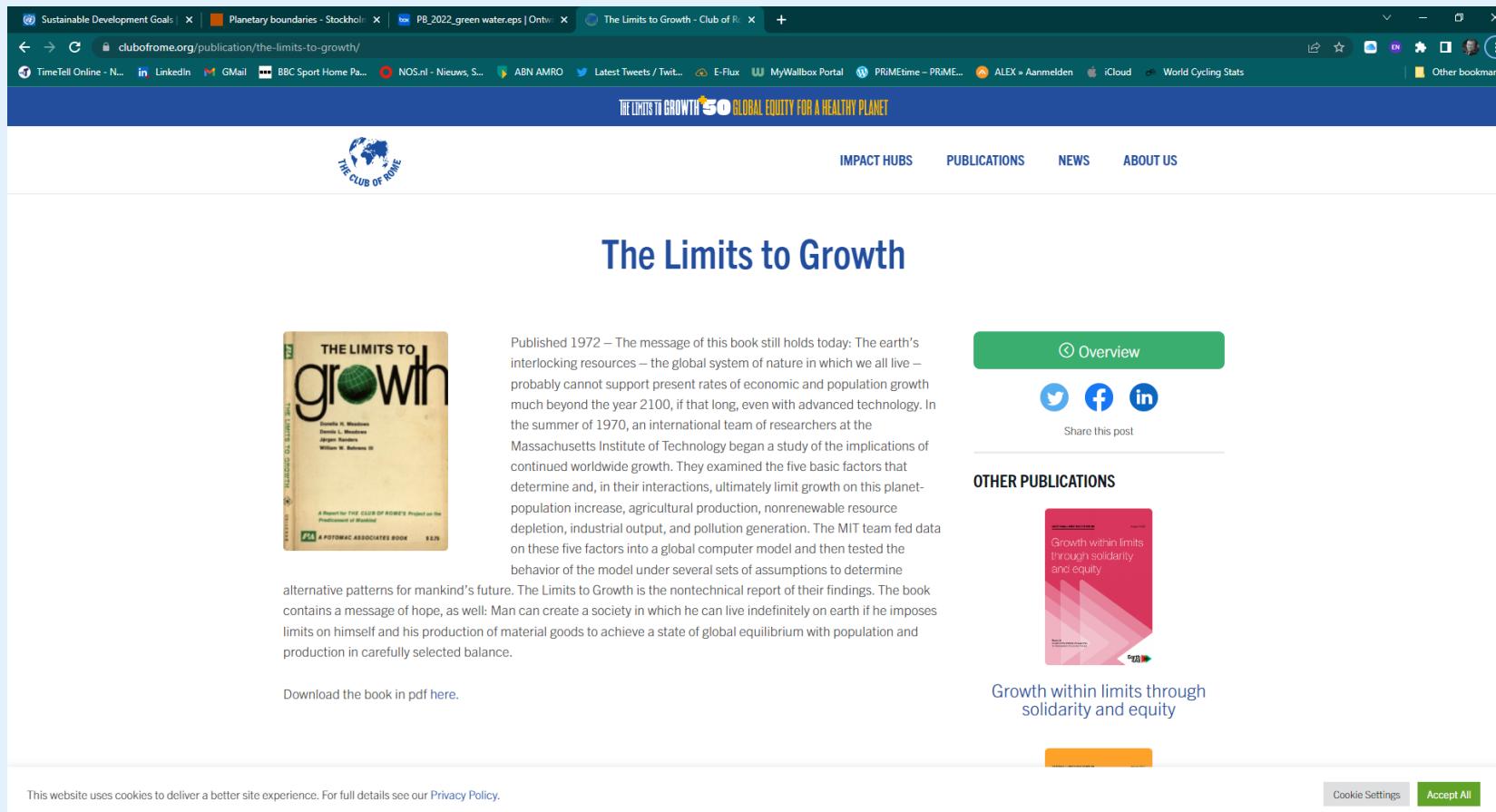


9 boundaries assessed,
6 crossed





We've known this for quite some time now...



1972!!!

The Limits to Growth

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Download the book in pdf here.

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<https://www.clubofrome.org/publication/the-limits-to-growth/>

A “new” Club of Rome?

WHO should be in it and what should they do?

Which people?

... and why?

What will be their role as a “club”?

... and why?

What will be the specific roles of specific people within that club?

... and why?

Episode 4

Watch it in preparation for the next lecture...

<https://climate-positive-education.org/history-sustainable-development/>

Next time...

Short recap of this first lecture

Episode 5

Sustainable Development Goals

... how to (better) measure progress

Episode 6

... how to (better) stimulate progress

Final thoughts and reflection

Thank you!



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on their journey
to shape a better world