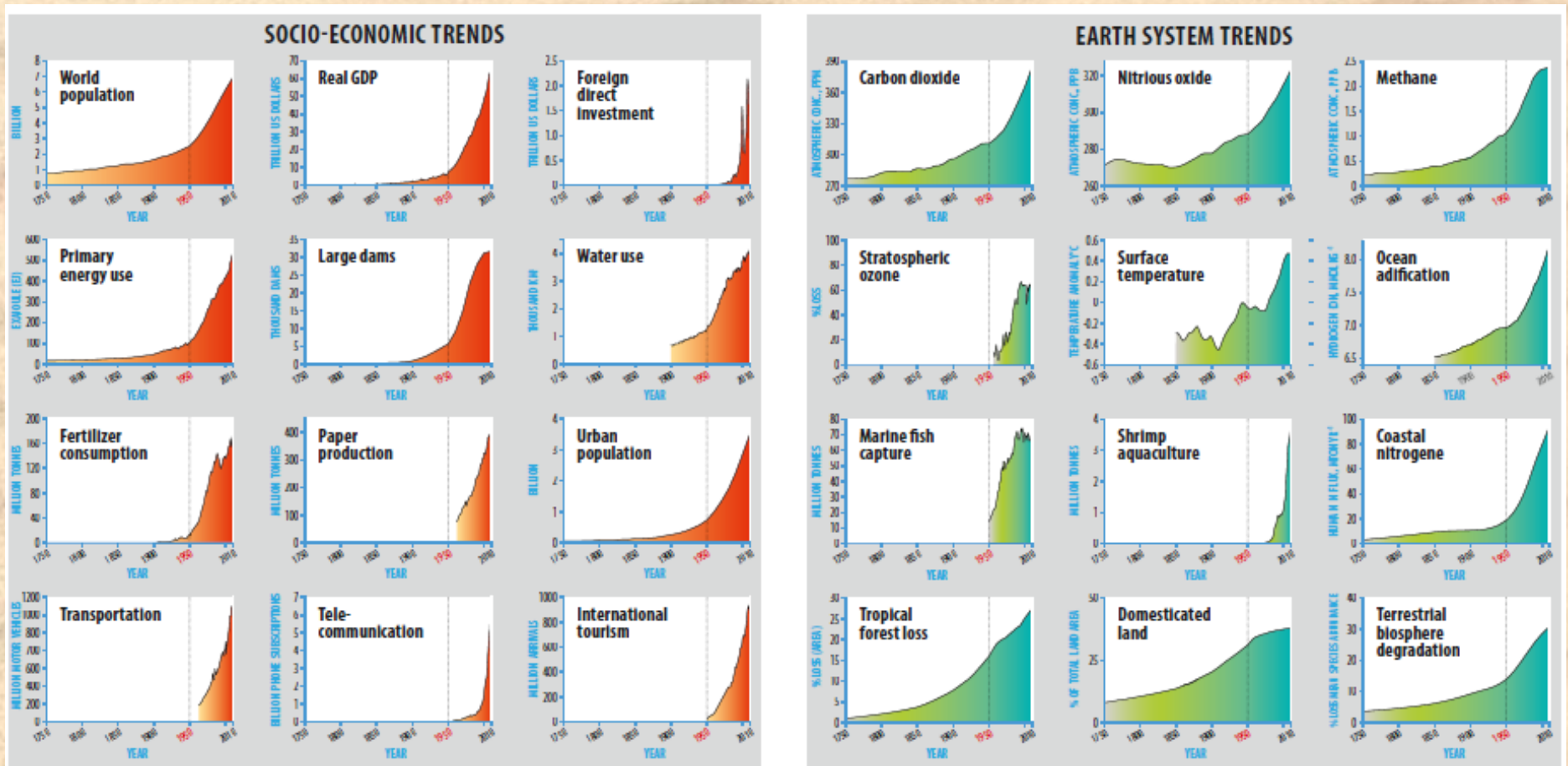


“Kortsiktigt kapital möter långsiktigt klimat”

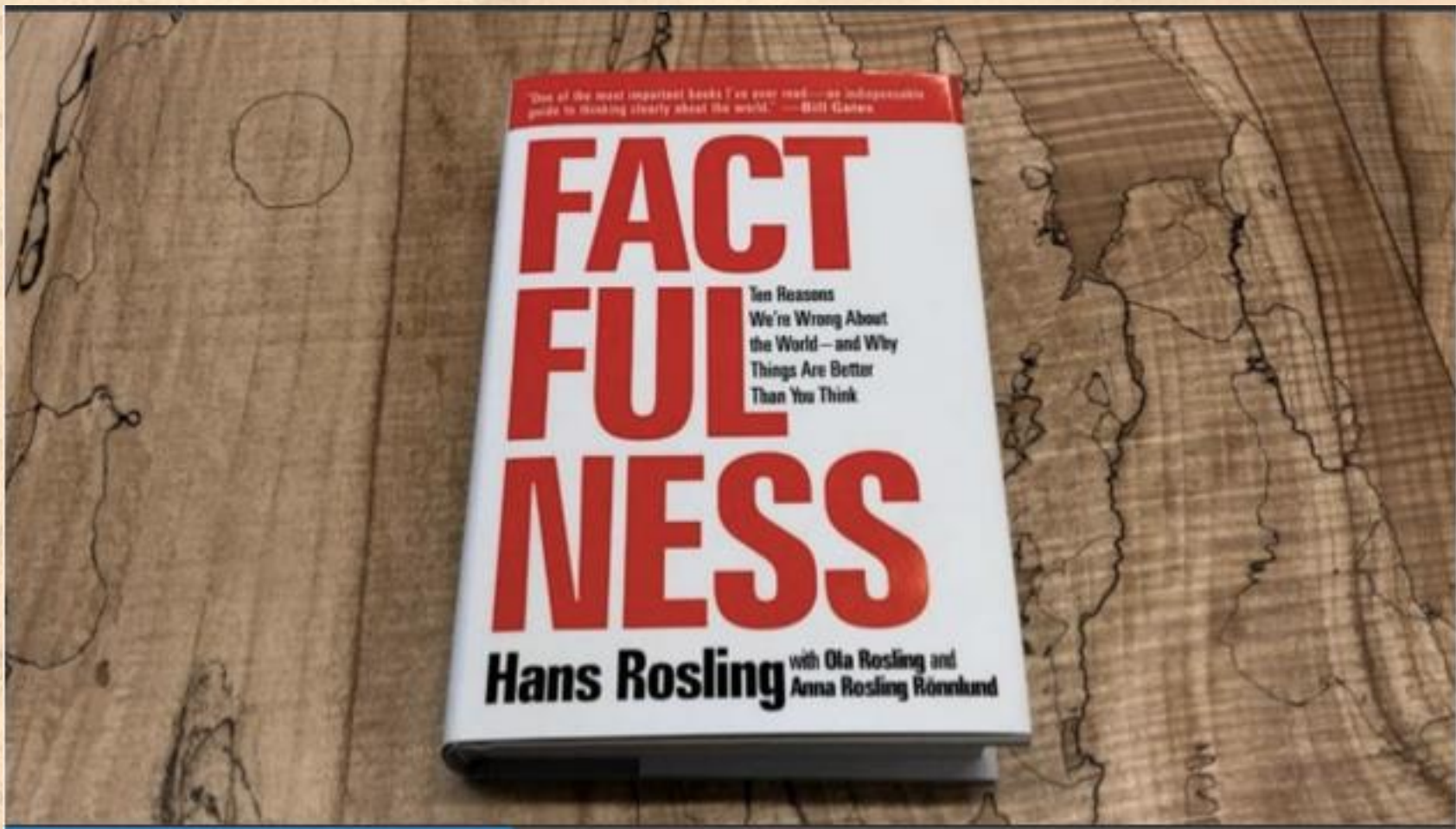
- Presentation av Anders Wijkman, hedersordförande Club of Rome, ordförande Climate-KIC vid Business Arena, Göteborg 5 november 2020.

The Anthropocene: steep upwards curves since 1950

of **human consumption** and of **human induced pollution**.



adapted from Steffen, Crutzen et al 2007



Sidfot

<Nr.>

THE TASTE OF 21ST CENTURY ENVIRONMENT

- Increasing evidence of the **climate change** threat
- 60% of **ecosystems** already degraded or used unsustainably
- 33% of **soils** is moderately to highly degraded due to erosion, nutrient depletion, acidification, salinization, compaction and chemical pollution
- 467 000 premature **deaths** yearly in EU **due to air pollution** (7 millions globally)

IPBS-rapporten 2019

Bob Watson, ordförande i IPBS:

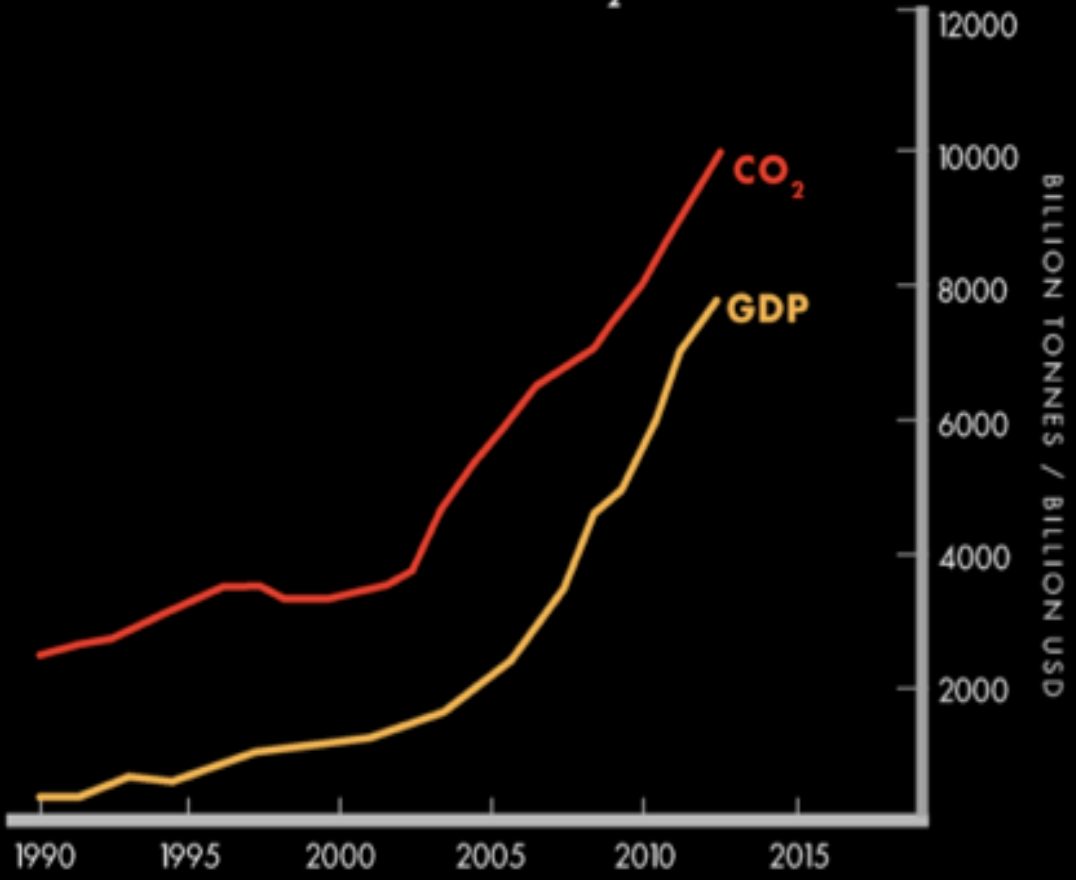
- "For a long time, people just thought of biodiversity as saving nature for its own sake,
- But this report makes clear the links between biodiversity and nature and things like food security and clean water in both rich and poor countries."

Plummeting insect numbers 'threaten collapse of nature'



▲ The rate of insect extinction is eight times faster than that of mammals, birds and reptiles. Photograph: Courtesy of Entomologischer Verein Krefeld

ECONOMIC GROWTH AND CO₂ EMISSIONS





Tipping Points



are Real



A Global Carbon Law

Halving Emissions Every Decade

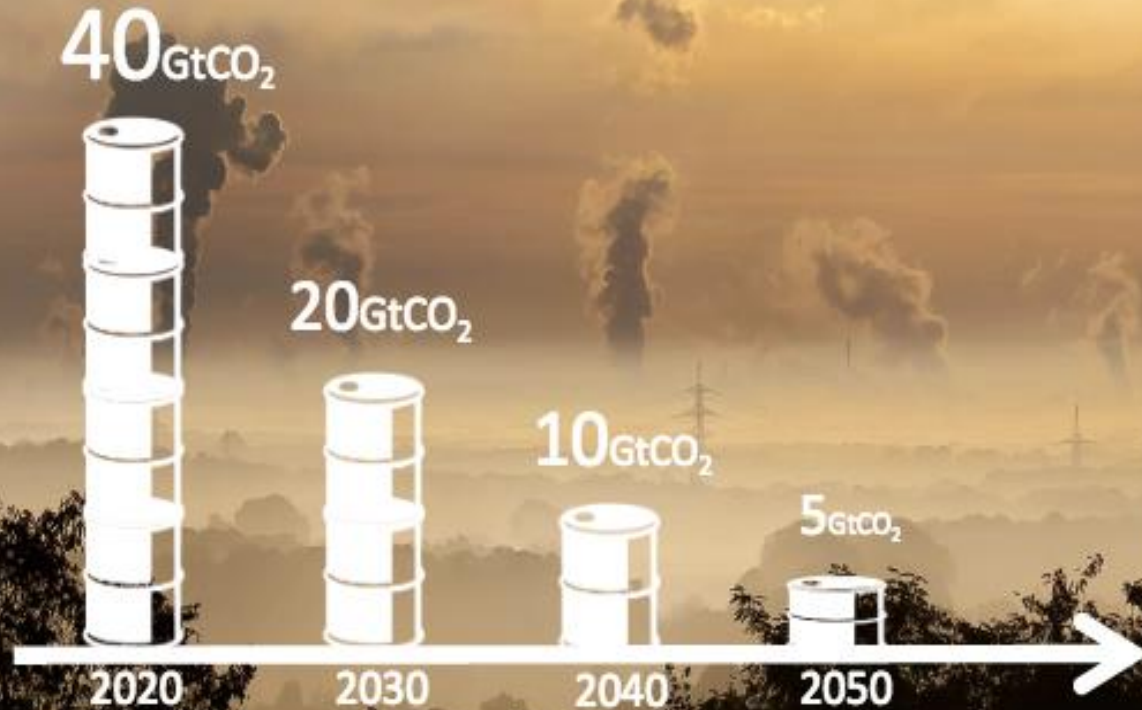
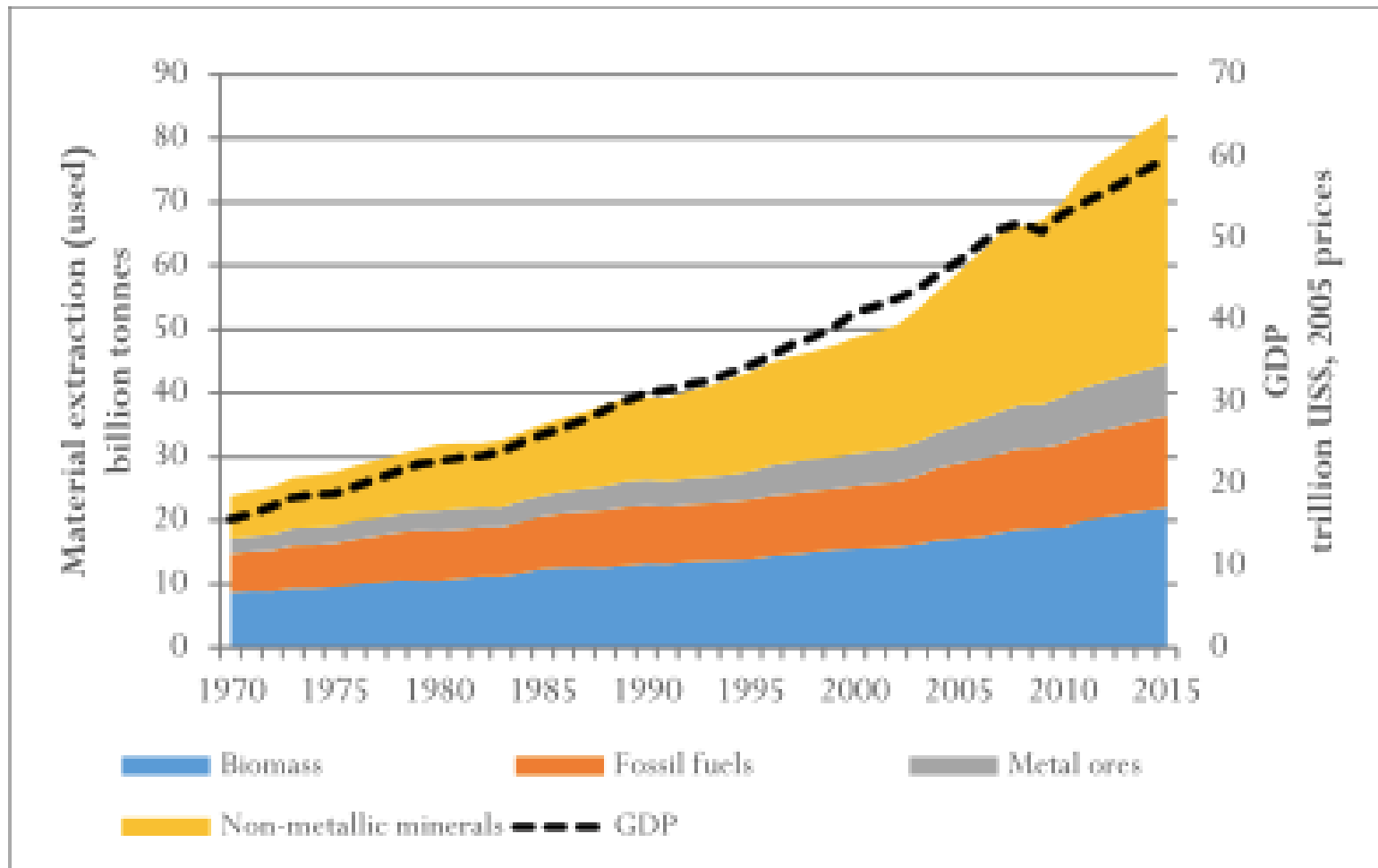


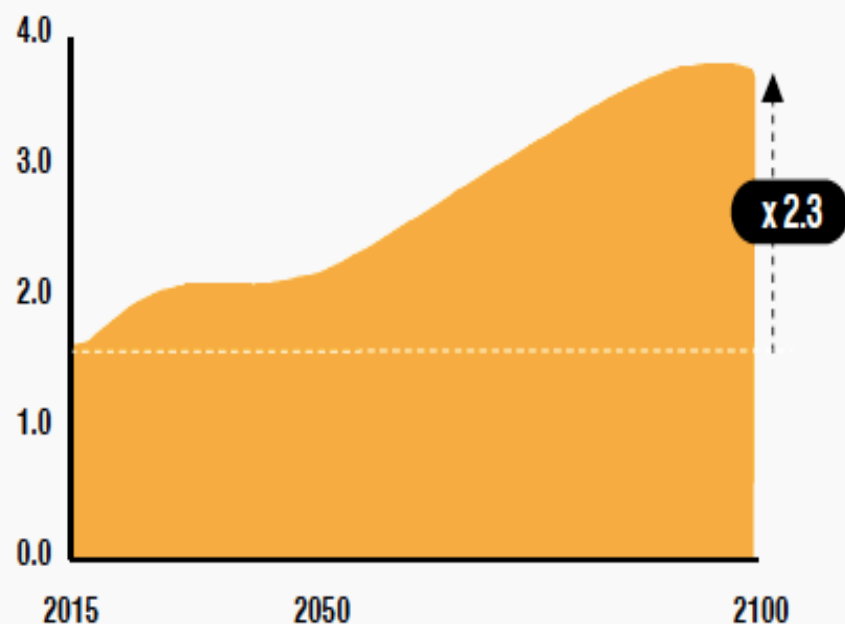
Figure 3: Global material extraction in billion tons, and global GDP in trillion US dollars 2005 prices, 1970-2015.



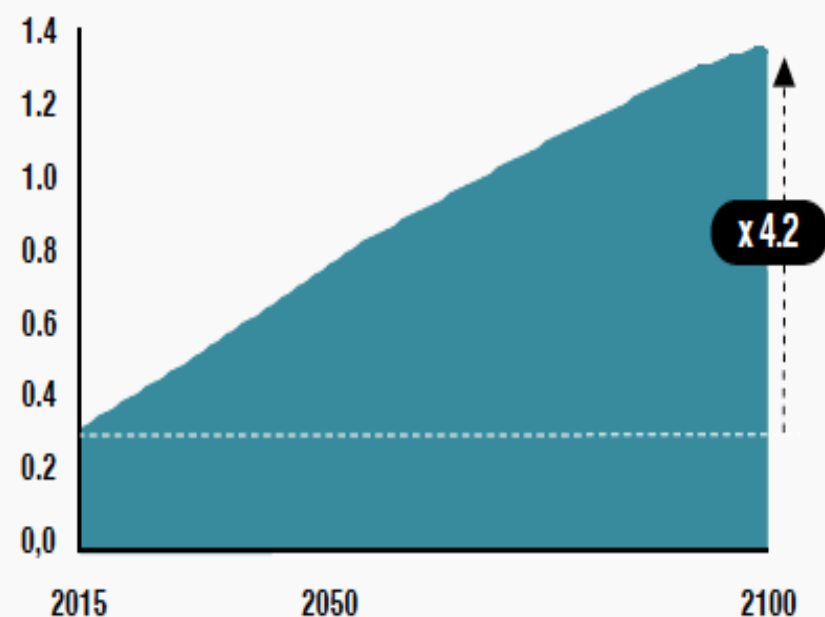
Source: Material extraction data from UNEP (2016a), GDP data from UNSD (2015).

WITH CURRENT PATTERNS OF MATERIALS USE, GLOBAL DEMAND FOR KEY MATERIALS WILL INCREASE 2- TO 4-FOLD

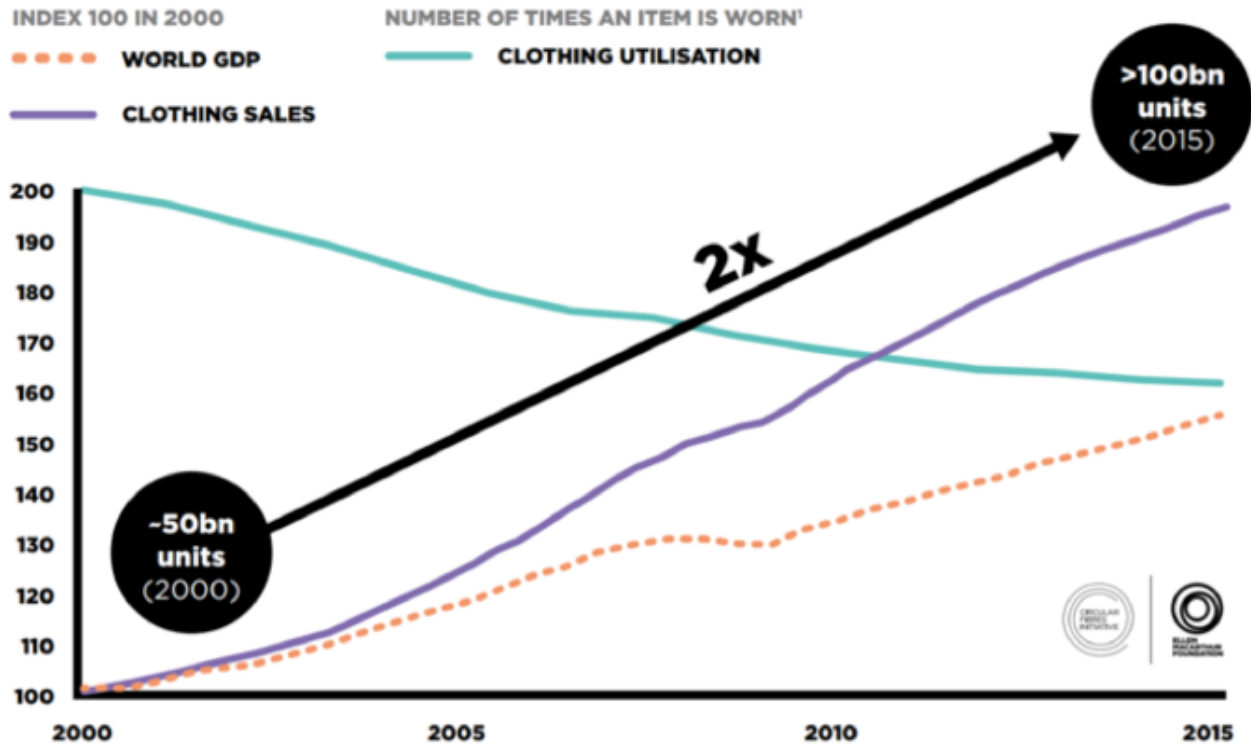
STEEL
Gt STEEL PER YEAR



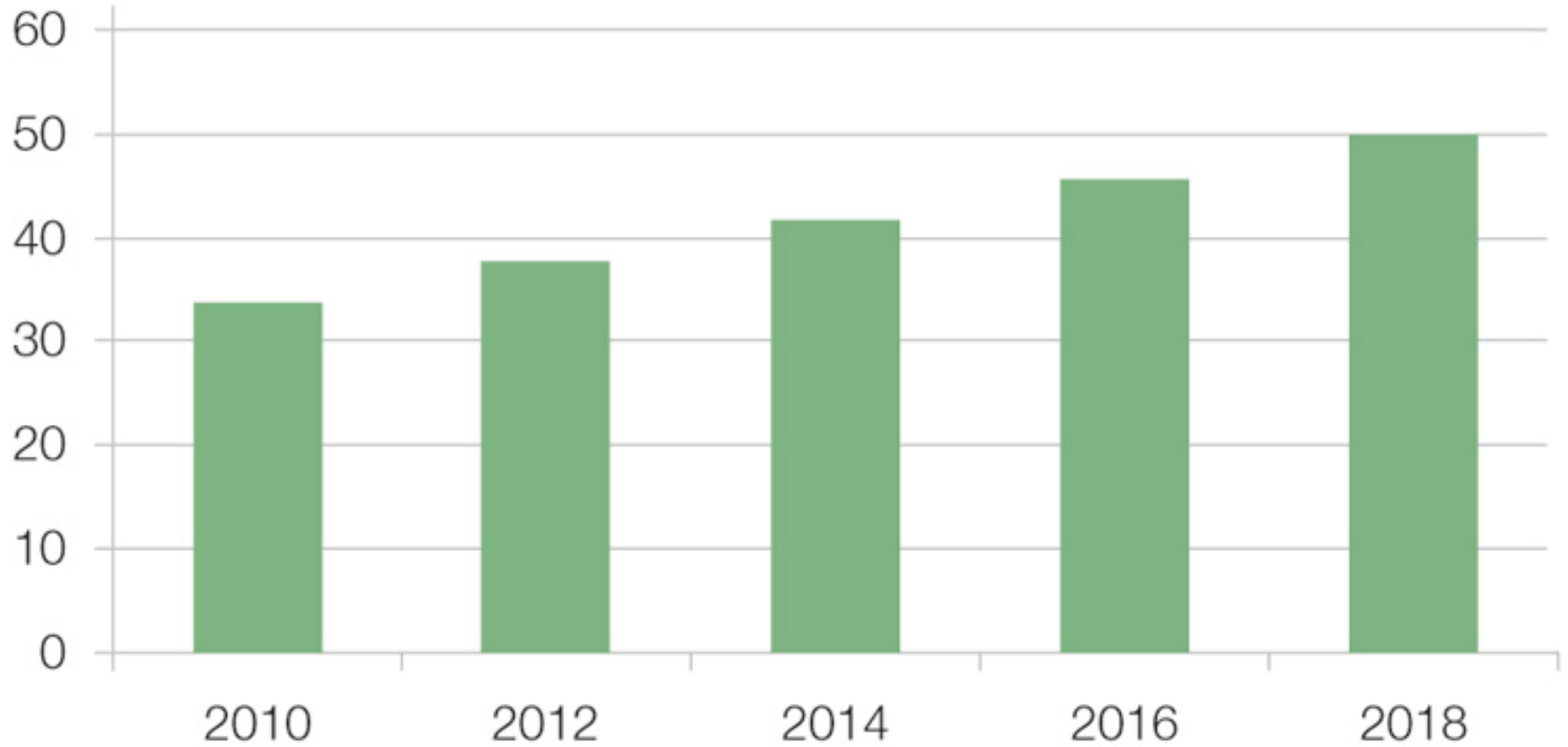
PLASTICS
Gt PLASTICS PER YEAR



We have doubled our clothes consumption since 2000...



Worldwide E-waste generation (Metric tonnes / year)



The Challenges...

A wide-angle photograph of a massive landfill filled with plastic waste, including numerous plastic chairs and other debris. The scene is set against a dramatic sunset sky with orange and yellow clouds. The text "On average, Europe uses materials only once." is overlaid at the bottom of the image.

On average, Europe uses materials **only once.**

*Orsaken till att vi är där vi
är:*

Kulturen, värderingarna,

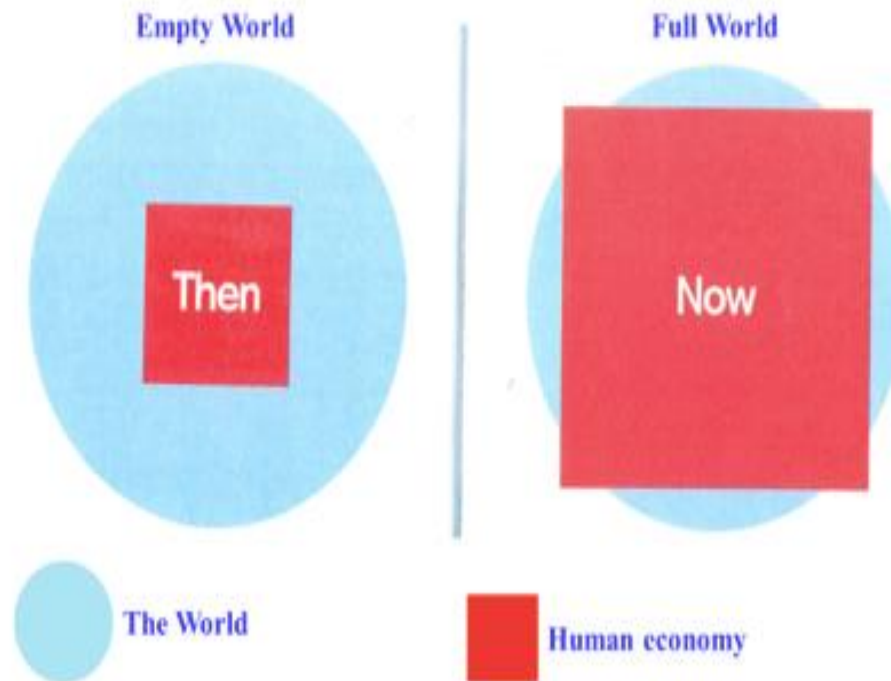
ekonomins regelverk och

reduktionismen (linjärt tänkande)

Kortsiktighetens tyranni:

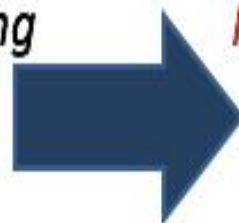
- Både i politiken och ekonomin
- Kvartalsrapporteringen
- Robothandel – var finns värdeskapandet?
- Shareholder value dominerar
- Diskontering av framtiden
- Vi mäter fel saker
 - BNP-tillväxt
 - Finanskapital vs Naturkapital
 - Public Goods negligerade = kostnad

Empty World and Full World



Source: Club of Rome: Simplified after Herman Daly

*Labour and Infrastructure limiting
factors of human wellbeing*

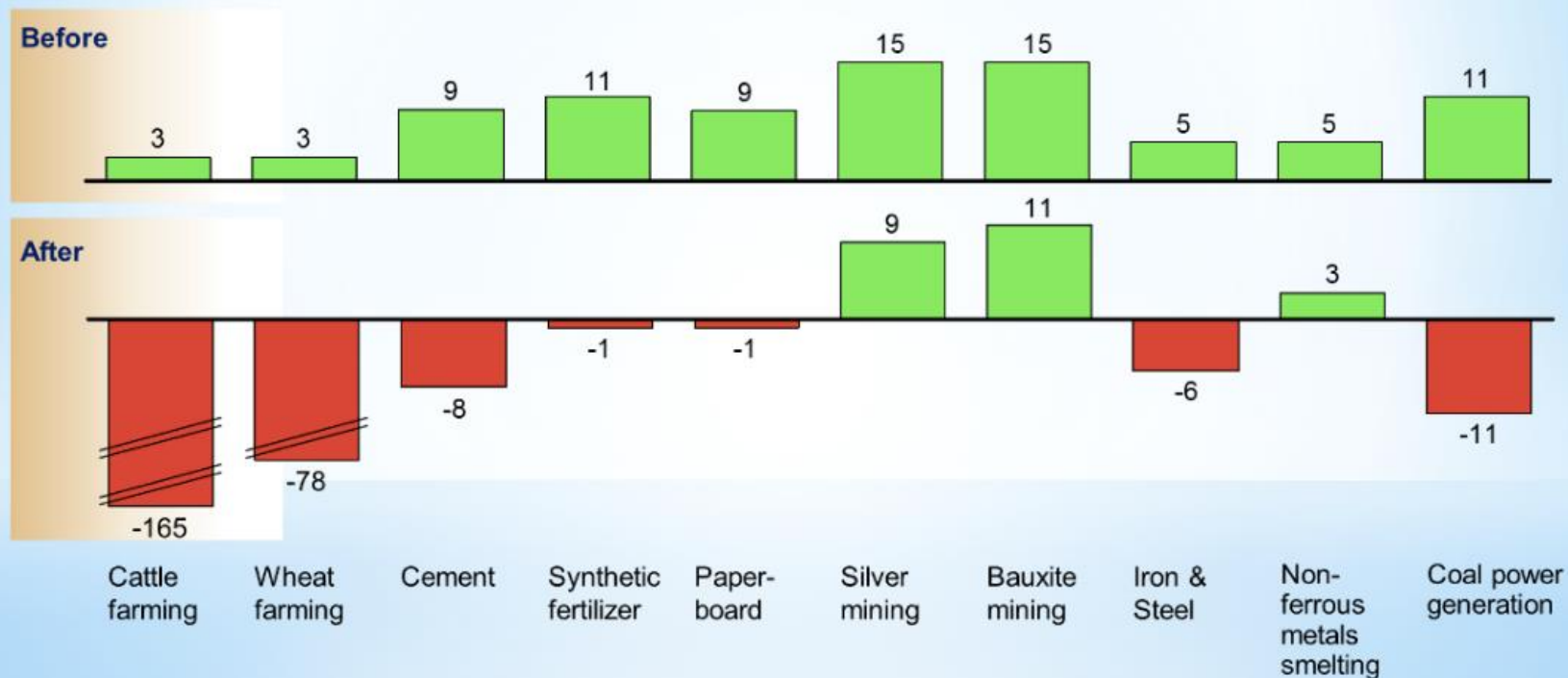


*Natural resources and Environmental
sinks limiting factors of human
wellbeing*

EXTERNALITIES - COSTS THAT EXIST, BUT WE DENY THEM

Negative profit margins in most of the world's raw material industries if natural capital costs are included

Profit margin (EBIT) before and after natural capital costs, based on top-2 companies in each Morgan Stanley Composite Index category, Percent, 2012



Source: Adapted from: Trucost and TEEB (2013)

- Fossila subsidier
- Subsidier av transporter, jordbruk, fiske, skogsbruk, vatten
- Finanssektorns andel av näringslivets vinster har exploderat

20th Mar
2019

Since 2016, and Paris, 33 banks have poured
\$1.9 trillion into fossil-fuels worldwide



The top 4 are all US based: JPMorgan Chase, Wells Fargo, Citi, and Bank of America. Losses from MidWest flooding in March: \$1 bn.

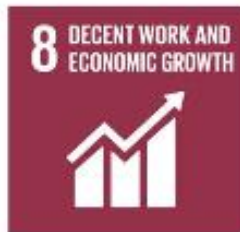
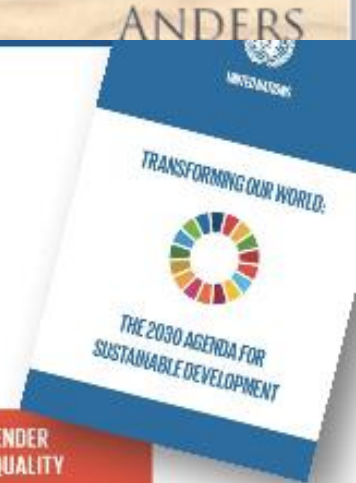


Bankrolling Extinction

**THE BANKING SECTOR'S ROLE IN THE
GLOBAL BIODIVERSITY CRISIS**

Reformer och omtänkande på väg – men är det tillräckligt?

2030 Agenda for SD: 17 goals, 169 targets



Viktiga åtgärder i globalt perspektiv:

- Fasa ut fossila subsidier; Stoppa ny utvinning
- Tredubbla investeringen i Förnybar energi
- Det måste kosta att utnyttja naturen
- Övergång till Cirkulär ekonomi
- “Regenerative Agriculture“
- Utnyttja skogen – för sänka och substitution
- Utnyttja Exponentiella Teknologier
- Komplettera BNP
- Minska folkökningen
- Gör transformationen Rättvis

Financing the Low-Carbon Future

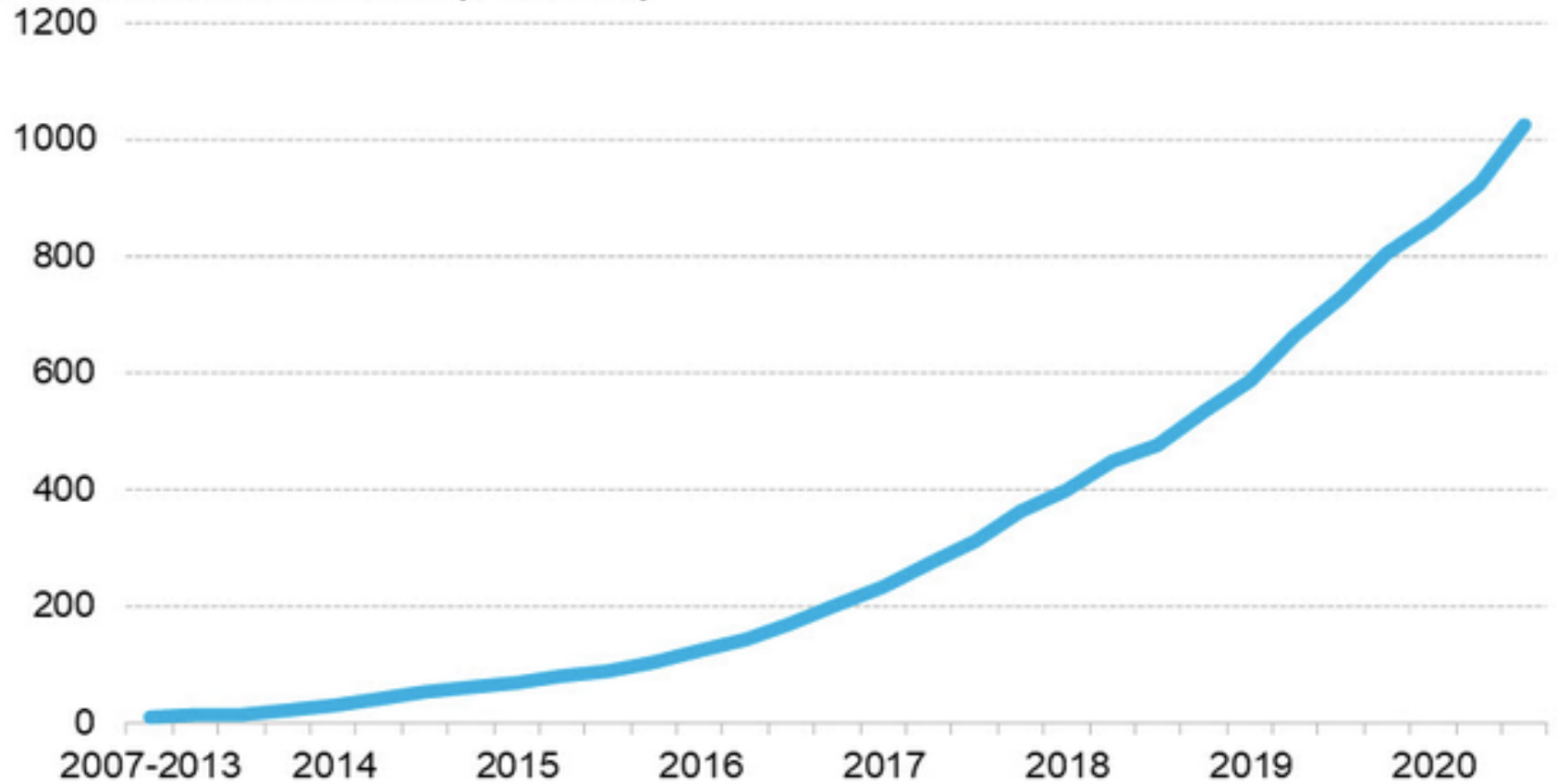
A Private-Sector View on
Mobilizing Climate Finance



CLIMATE
FINANCE
LEADERSHIP
INITIATIVE

Figure 1: Cumulative green bond issuance by quarter, 2007-3Q 2020

Cumulative issuance (\$ billion)



Source: BloombergNEF, Bloomberg L.P.

The BloombergNEF sustainable debt universe consists of green

The European Green Deal



Milton Friedman,
1970s

The sole purpose of a business is to make money for its shareholders...

(Any business executives who pursued a goal other than making money were), unwitting puppets of the intellectual forces that have been undermining the basis of a free society these past decades.

... from Profit as primary to Profit as secondary and as an outcome of Purpose



Paul Polman, CEO of Unilever.

“If you want to be a successful company in the future, you have to go beyond CSR and make a contribution” Polman

PURPOSE: “making sustainable living commonplace”

Deloitte.

To reach the Sustainable Development goals, **we cannot rely on economic growth. Business as usual will not work.** Sectors need to understand the role they can play in removing obstacles to social progress and work together to create healthier societies.

Vi behöver en bättre balans – mellan

- Ekonomi och natur
- Kort och lång sikt
- Politik och marknad
- Allmänna nyttigheter och privat konsumtion
- Topplöner och gemene man
- Shareholder value och stakeholder value
- Exponentiella teknologier och balans

“We know - and we can do something now”

Greta Thunberg, 15, is one of the laureates in SvD's competition where young people have submitted debate articles on the climate. Here is her article where she describes the insecurity and fear she knows about climate change. Why do the politicians lie? she asks and writes that we have a responsibility to act now!

© May 30, 2018 [Save article](#)

[Read more about the climate threat](#)



Greta Thunberg writes that Sweden cannot be regarded as a pioneer country when it comes to emissions, as politicians sometimes describe it, but that we need help. Photo: Malin Hoelstad, Michael Kappeler / AP