

The history and basics of sustainable development

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

DISCOVER YOUR WORLD

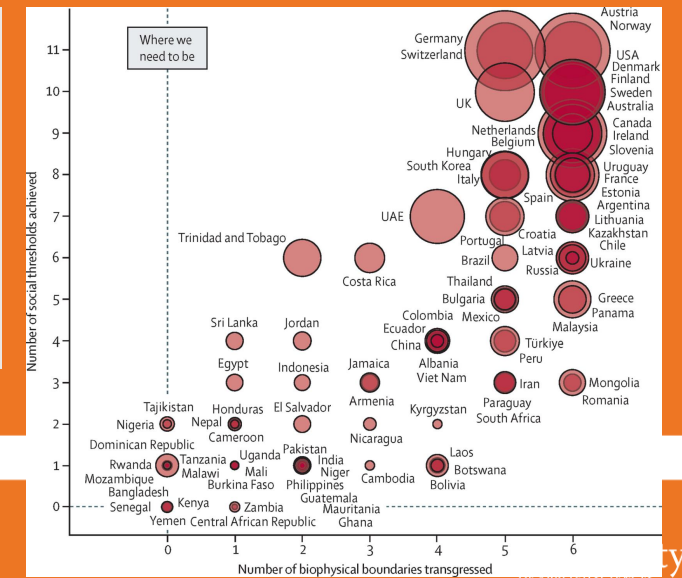
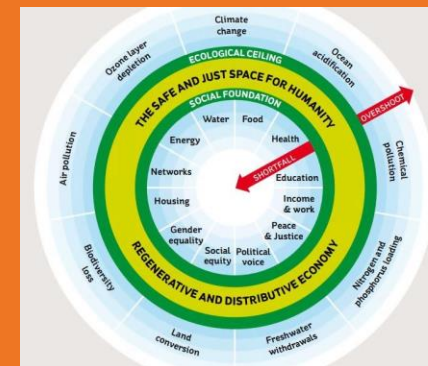
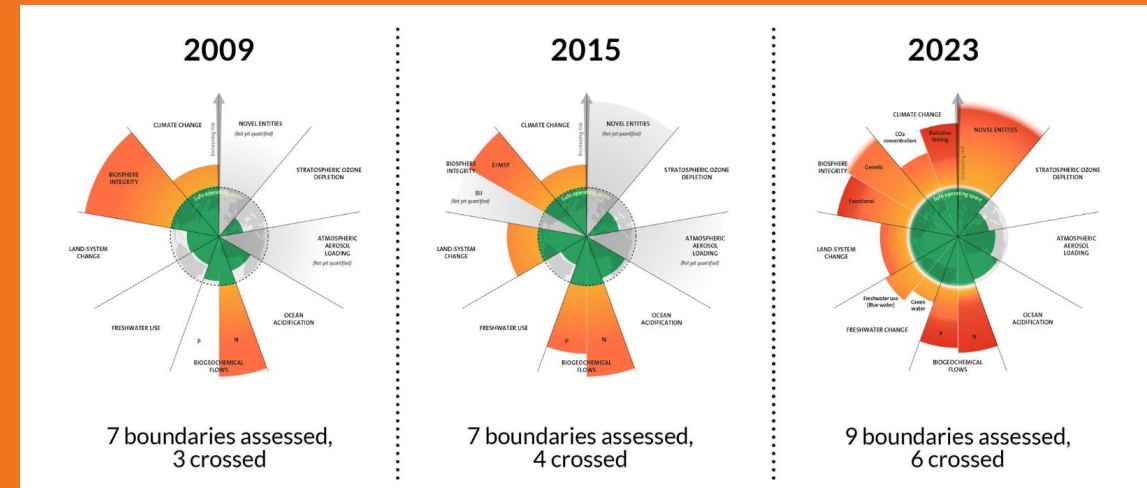
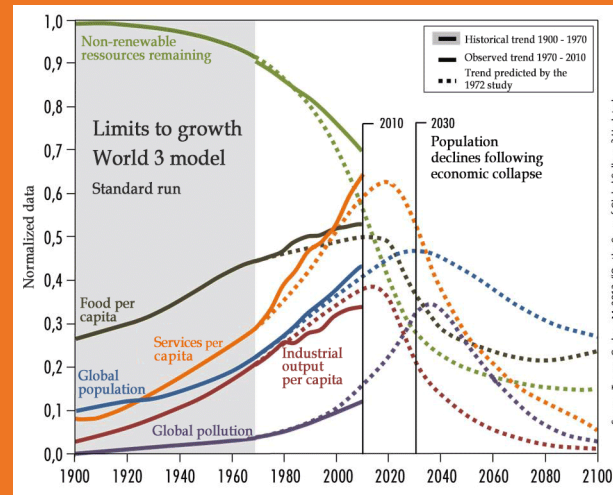


Personalised reintroduction of the speaker

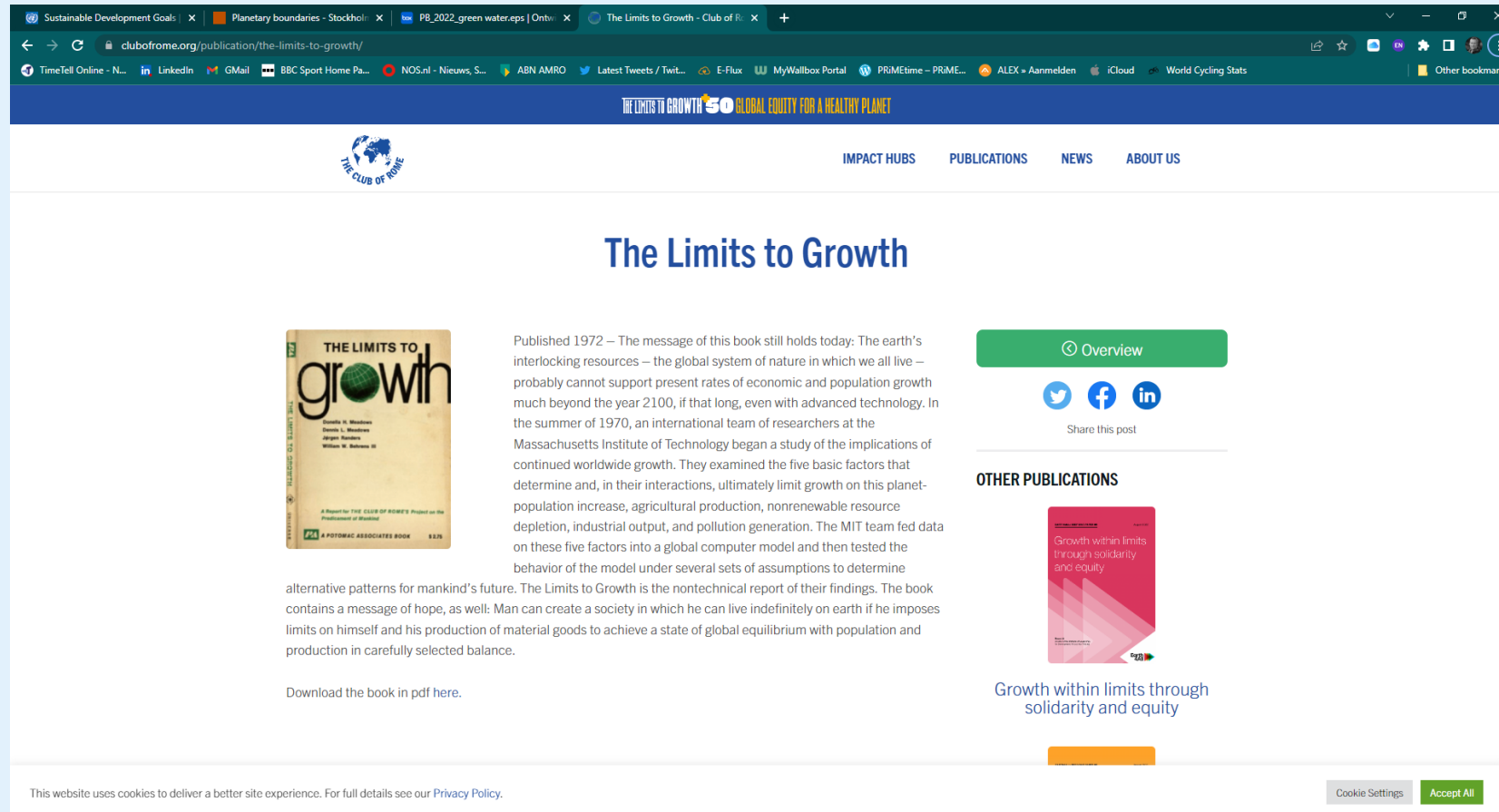
The speaker

DISCOVER YOUR WORLD

A wooden balance scale with a central vertical post and a horizontal beam. Two metal pans are suspended from the beam by red strings. Several small metal weights are placed on the base of the scale.



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



The screenshot shows a web browser window displaying the Club of Rome website. The address bar shows the URL: [clubofrome.org/publication/the-limits-to-growth/](https://www.clubofrome.org/publication/the-limits-to-growth/). The page features the Club of Rome logo and navigation links: IMPACT HUBS, PUBLICATIONS, NEWS, and ABOUT US. The main heading is "The Limits to Growth". Below this, there is a book cover for "THE LIMITS TO growth" and a detailed description of the book's publication in 1972. The text states: "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." Below the text, there is a link: "Download the book in pdf here." To the right of the main text, there is a green button labeled "Overview" and social media sharing icons for Twitter, Facebook, and LinkedIn. Below these, there is a section titled "OTHER PUBLICATIONS" featuring a book cover for "Growth within limits through solidarity and equity". At the bottom of the page, there is a cookie consent banner.

1972!!!

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

Episode 5

Let's watch it...

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

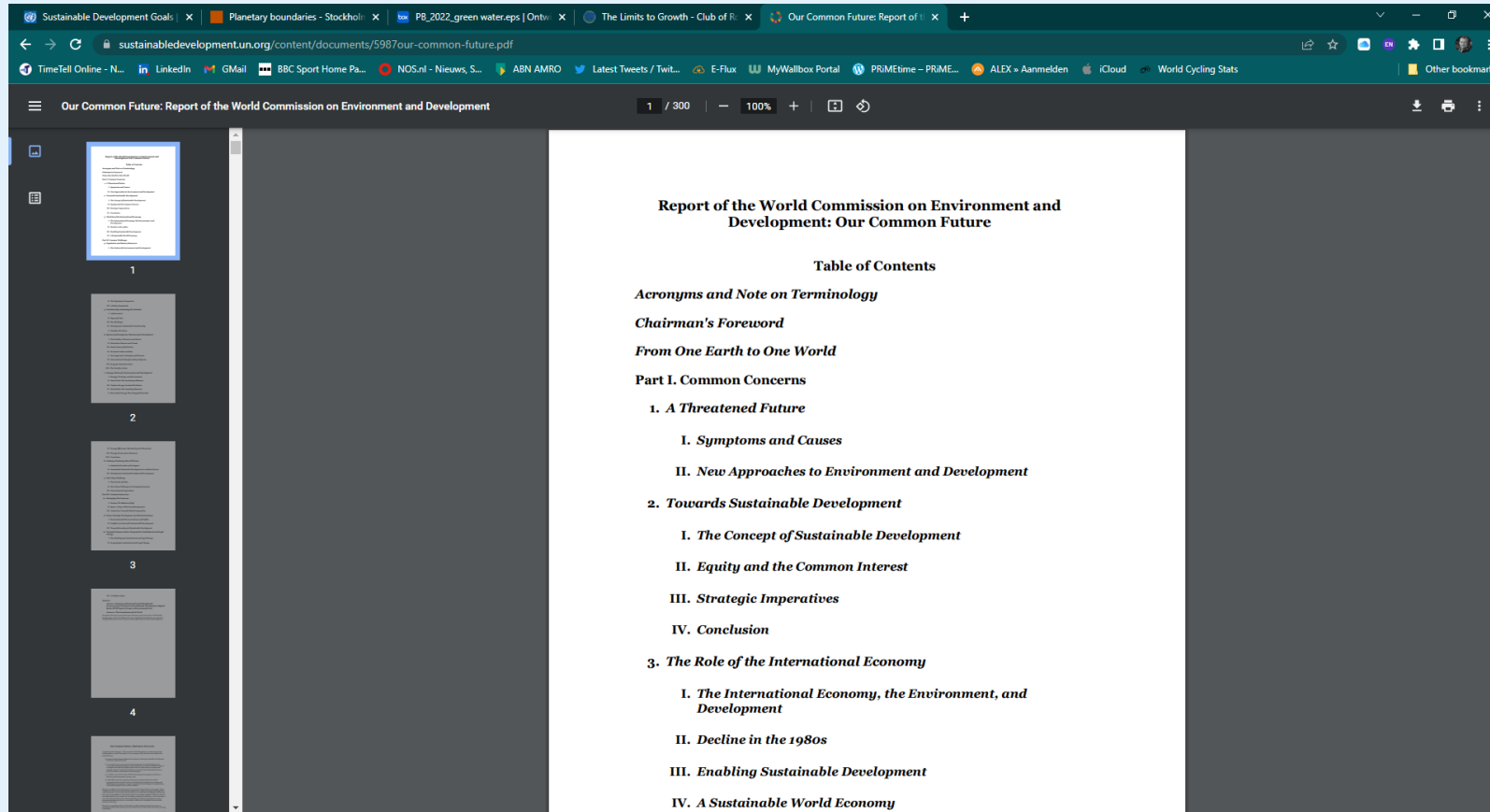
We've known this for quite some time now...

The screenshot shows a web browser window with multiple tabs open. The active tab is 'The Limits to Growth - Club of Rome'. The URL bar shows 'clubofrome.org/publication/the-limits-to-growth/'. The website header includes the Club of Rome logo and navigation links: IMPACT HUBS, PUBLICATIONS, NEWS, ABOUT US. The main heading is 'The Limits to Growth'. Below it, there is a book cover for 'THE LIMITS TO growth' and a detailed description of the book's publication in 1972. The text states: '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.' Below the text, there is a link to 'Download the book in pdf here.' To the right of the main text, there is a green 'Overview' button and social media sharing icons for Twitter, Facebook, and LinkedIn. Below these, there is a section titled 'OTHER PUBLICATIONS' featuring a book cover for 'Growth within limits through solidarity and equity'.

1972!!!

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

We've already agreed on what needs to happen...



1987!!!

<https://sustainabledevelopment.un.org/content/documents/5987our-common-future.pdf>

A clear need for more specific goals and targets...



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For queries on usage, contact: dpicampaigns@un.org

2015

<https://sdgs.un.org/goals>

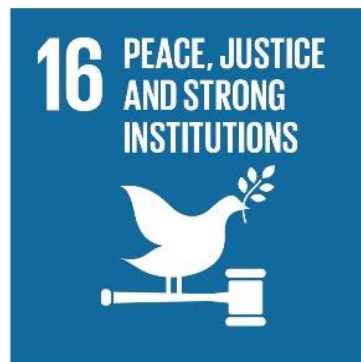
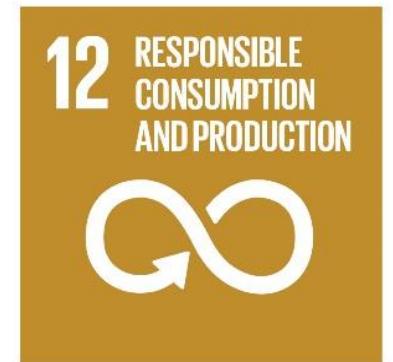
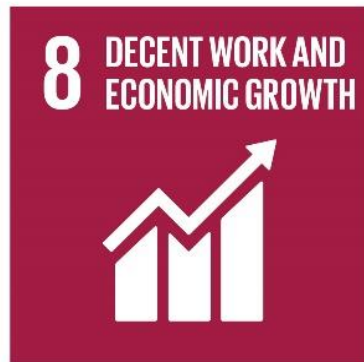
How to address sustainability...



- 2015;
- adopted by all UN member states;
- 17 goals, 169 targets, deadline: 2030;
- by now, the 'de facto sustainability standard for businesses and governments';
- these goals capture an encompassing spectrum of sustainability topics that are, by definition **integrated, indivisible, and universally applicable**;
- powerful, enticing agenda, that serves as a catalyst and guiding principle.



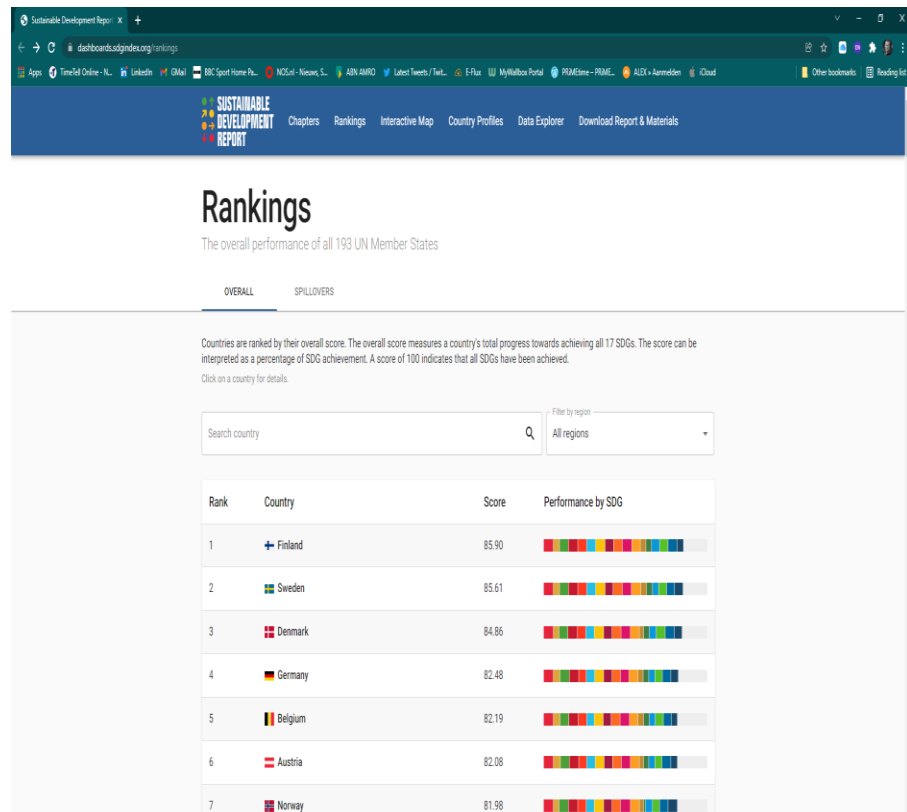
SUSTAINABLE DEVELOPMENT GOALS



Careful with *how* you address/monitor the SDGs...

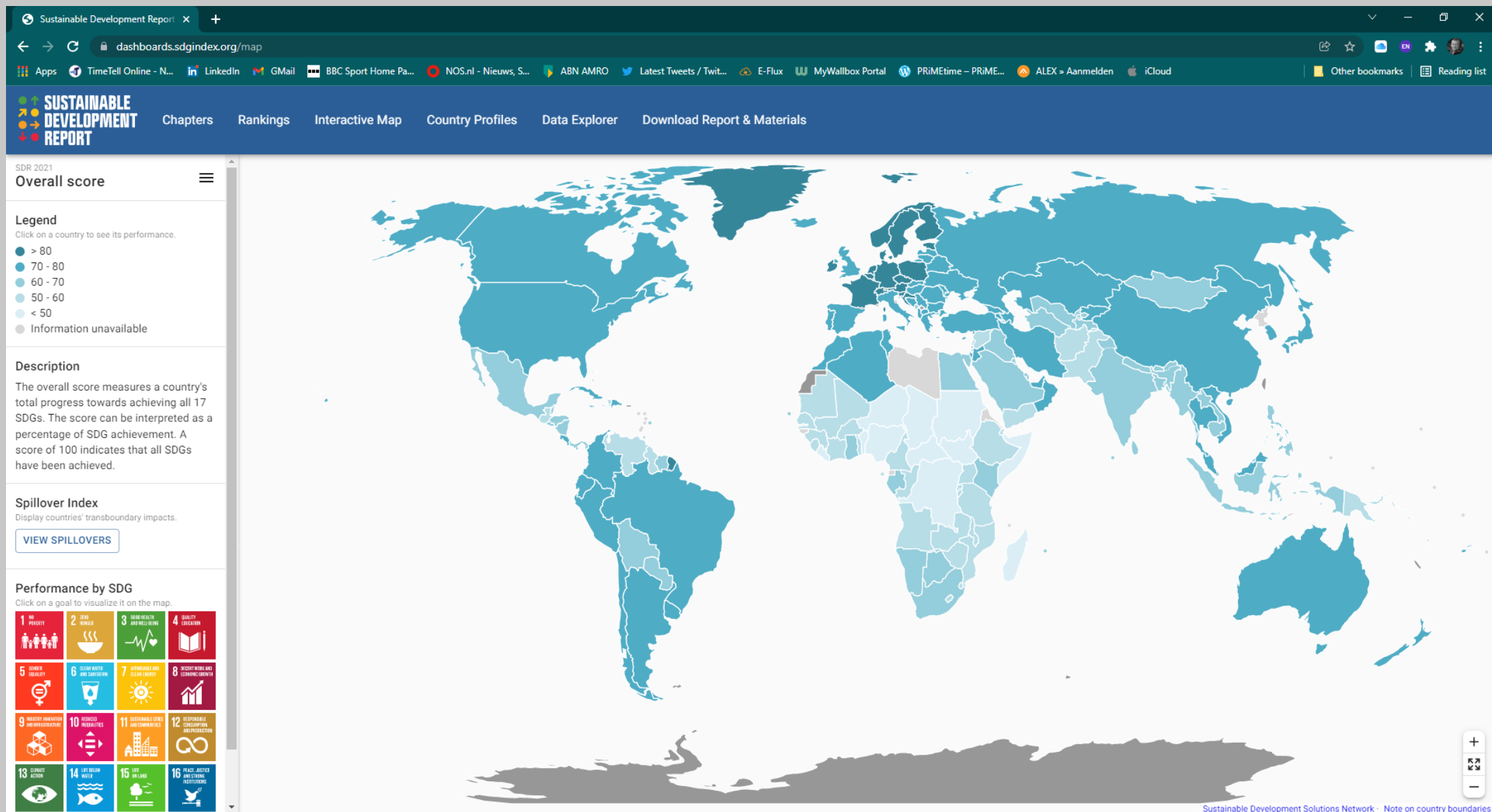


- Focusing investments on empowering young women may shift away the attention from more important drivers of poverty, including debt, tax evasion, and labour exploitation...
- Similar with micro-credits and other means to fight poverty...
- Be careful that by fighting symptoms you are not overlooking the 'actual' problems, or the causes of those problems.

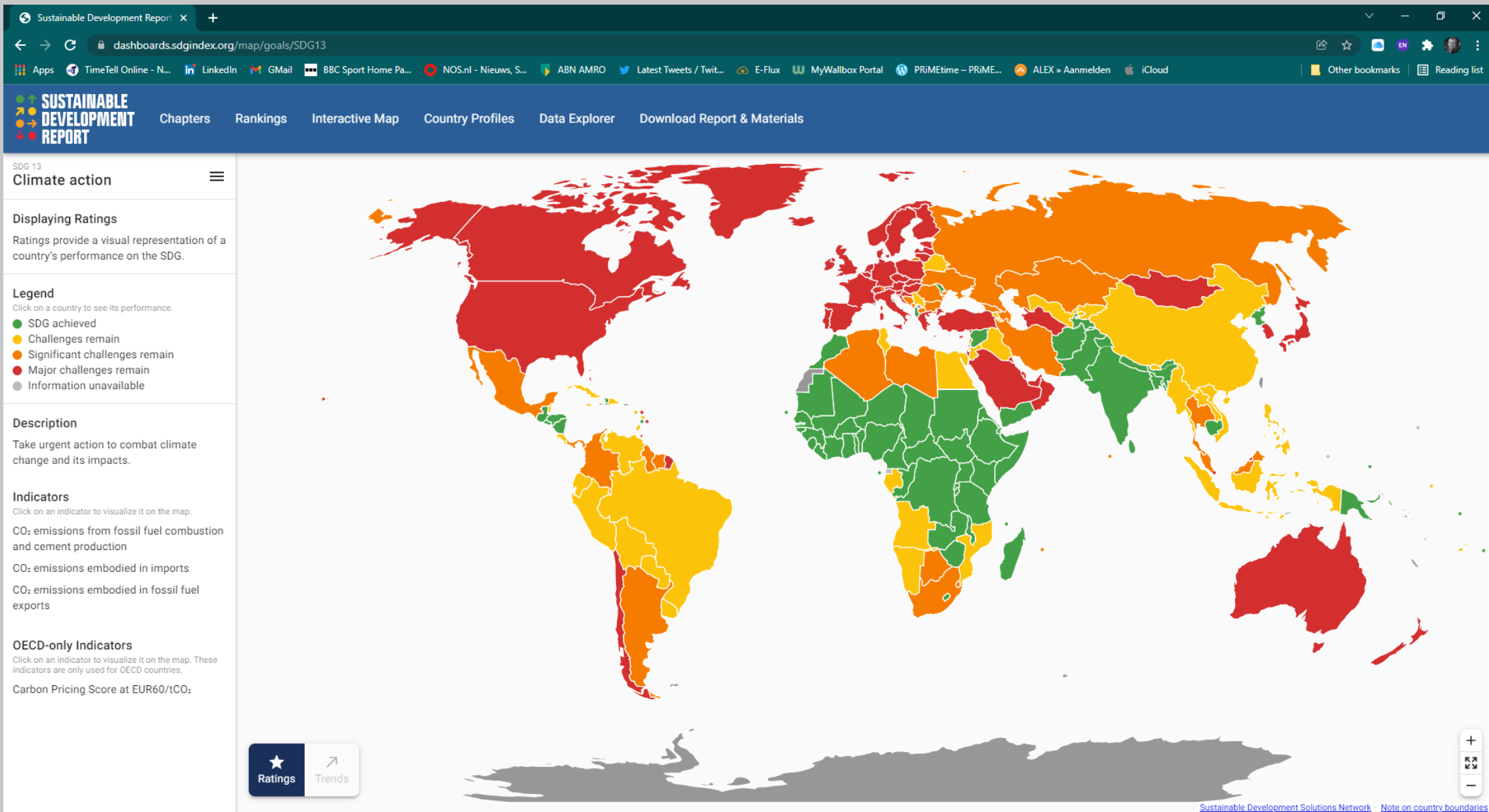


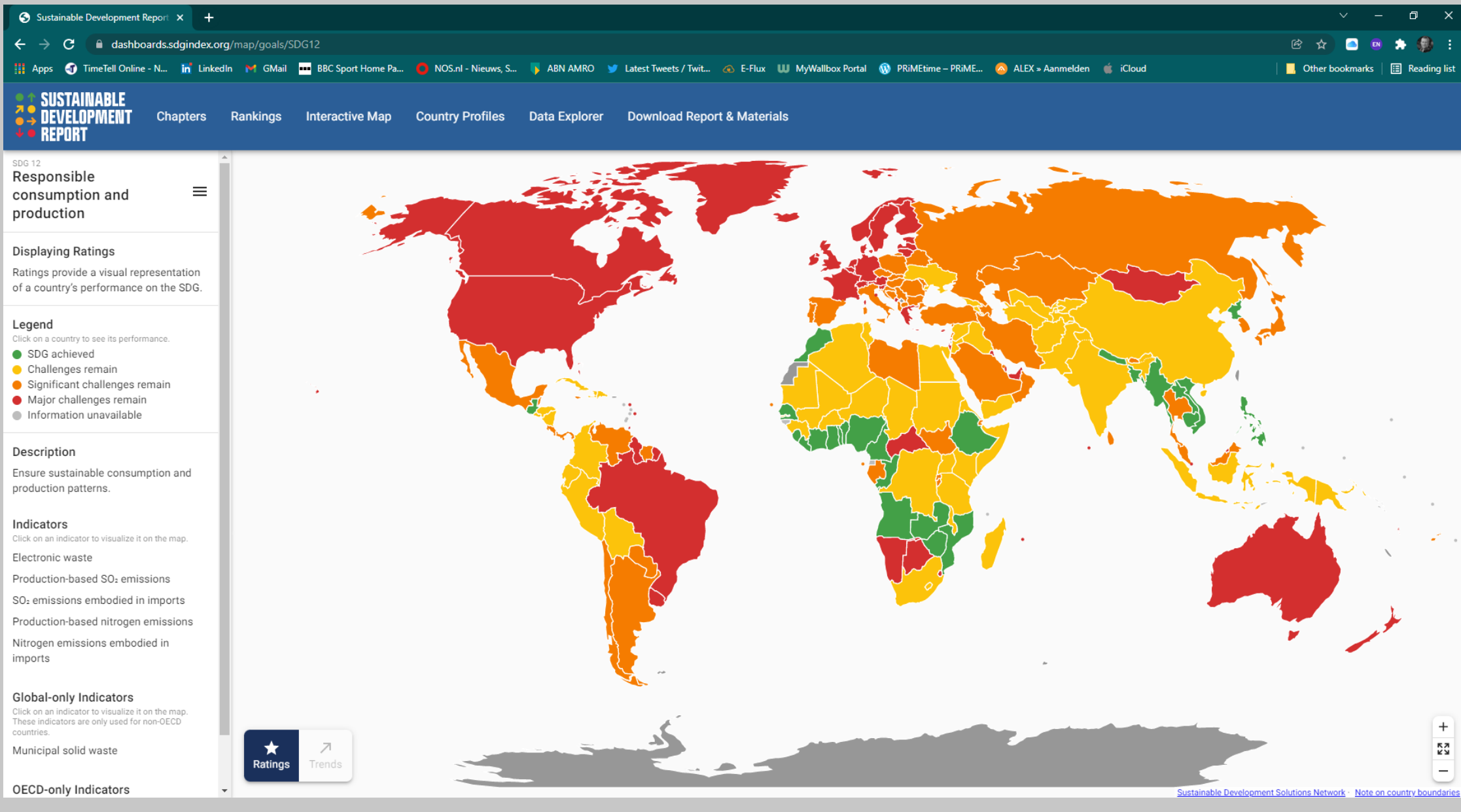
Ranking high on the SDG index strongly correlates with **high footprints**, and low ranking with low footprints.

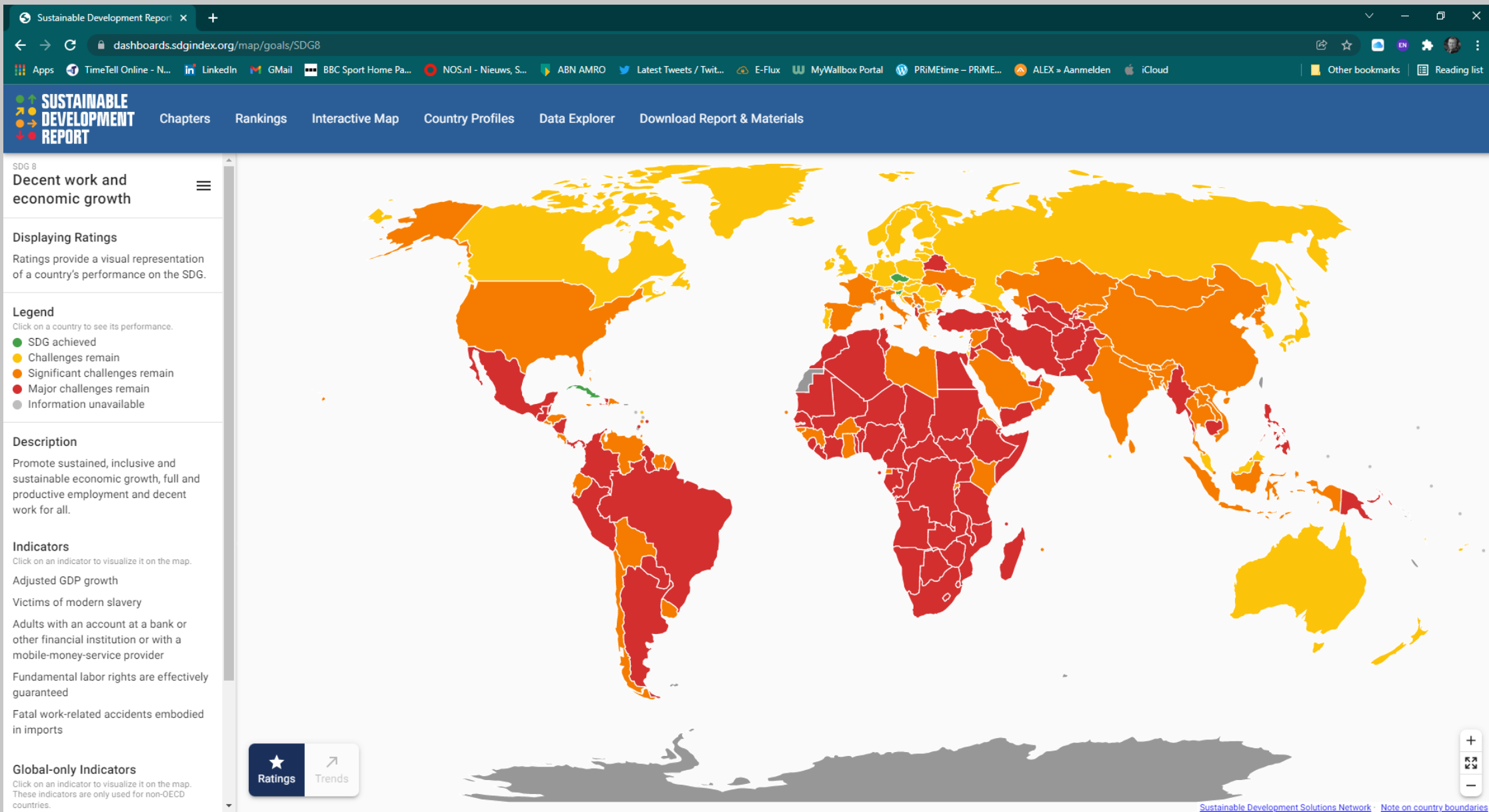
<https://www.frontiersin.org/articles/10.3389/fenrg.2017.00018/full>

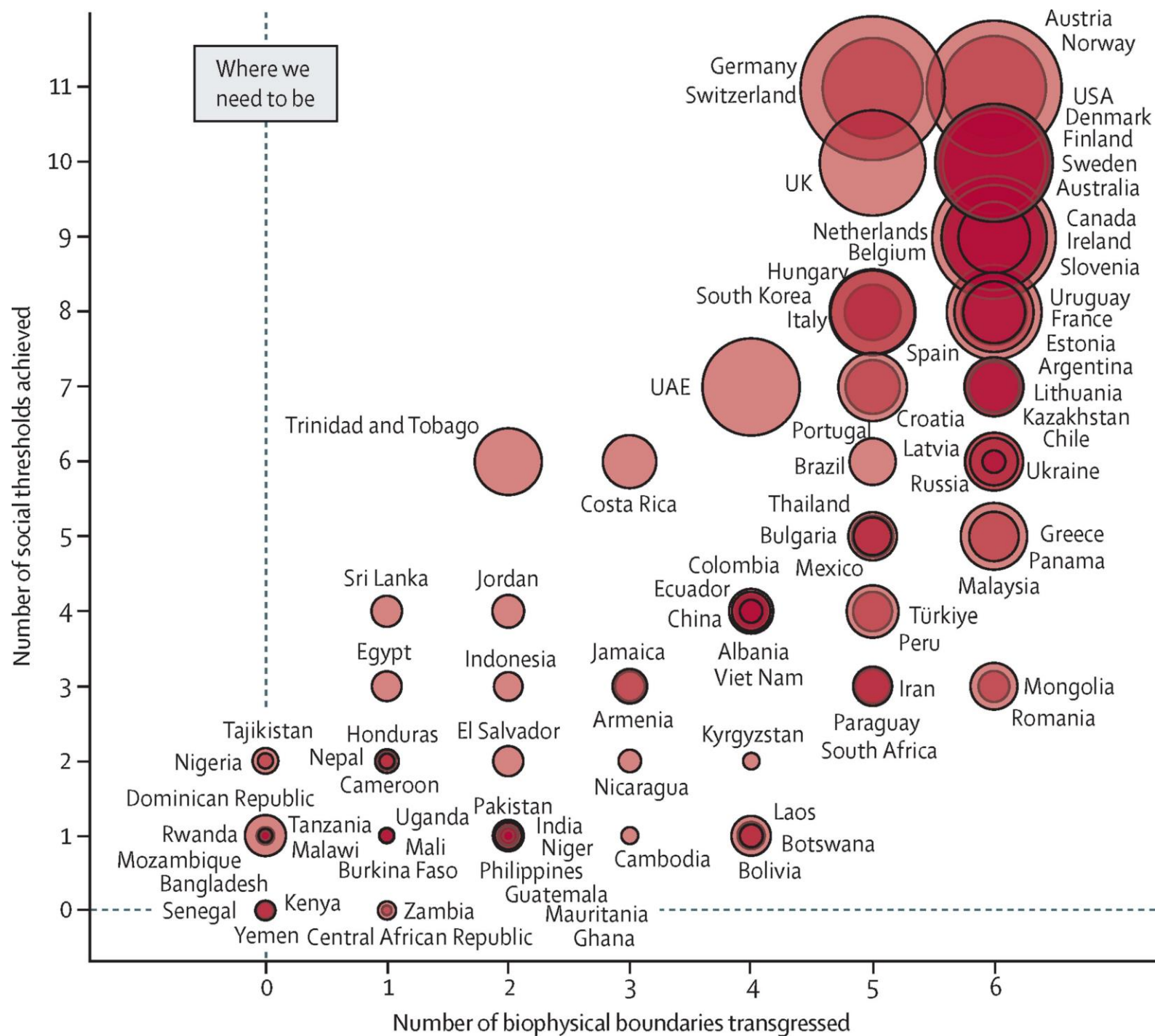


<https://dashboards.sdindex.org/map>











SUSTAINABLE DEVELOPMENT GOALS



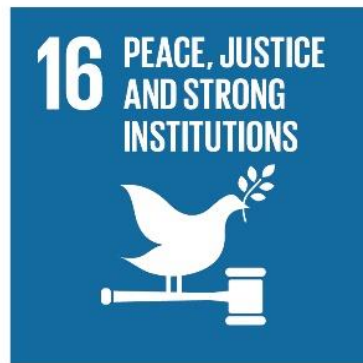
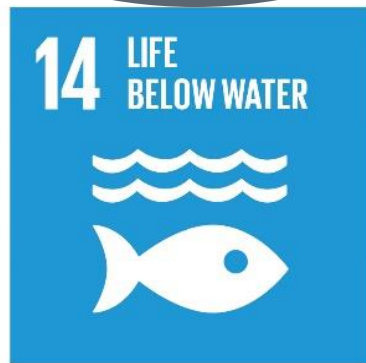
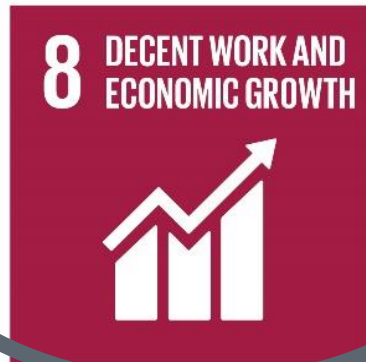


SUSTAINABLE DEVELOPMENT GOALS





SUSTAINABLE DEVELOPMENT GOALS





SUSTAINABLE DEVELOPMENT GOALS





“breakthrough change,
disruption”

*<https://hbr.org/2015/06/25-years-ago-i-coined-the-phrase-triple-bottom-line-heres-why-im-giving-up-on-it>

PACT FOR THE FUTURE

[LINK TO THE PACT FOR THE FUTURE](#)

Your challenge (the complicated version)

Action 53. We will develop a framework on measures of progress on sustainable development to complement and go beyond gross domestic product. 81. We recognize that sustainable development must be pursued in a balanced and integrated manner. We reaffirm the need to urgently develop measures of progress on sustainable development that complement or go beyond GDP. These measures should reflect progress on the economic, social and environmental dimensions of sustainable development, including in the consideration of informing access to development finance and technical cooperation. We decide to: (a) Request the Secretary-General to establish an independent high-level expert group to develop recommendations for a limited number of country-owned and universally applicable indicators of sustainable development that complement and go beyond GDP, in close consultation with Member States and relevant stakeholders, taking into account the work of the Statistical Commission, building on the Global Indicators Framework for SDGs and targets of the 2030 Agenda for Sustainable Development and to present the outcome of its work during the eightieth session of the General Assembly. (b) Initiate a United Nations-led intergovernmental process following the completion of the work of the independent high-level expert group in consultation with relevant stakeholders, including the UN Statistical Commission, international financial institutions, multilateral development banks and regional commissions, in line with their respective mandates, on measures of progress on sustainable development that complement or go beyond gross domestic product, considering the recommendations of the Secretary-General's high-level expert group.

Your challenge (the simple version)

Develop
a better way
to measure and/or monitor
progress
with respect to
sustainable development

Episode 6 (or 7?)

Let's watch it...

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

Your thoughts...

On ...

... how can we do better/speed things up?

... these two lectures?

... how do you feel we should address sustainability at BUas?

Thank you!



BUas+

more than a university
of applied sciences

empowering young professionals
on their journey
to shape a better world