

INFLUENCE!

Inspiration and insight to change
minds and policy

19 - 20
June 2019

University of Manchester



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How can the SDGs further ‘stellify’ a curriculum?

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(Preamble) What are the SDGs?

- Follow on from Millennium Development Goals (2000-2015) declared at UN Millennium Summit
- Addressing inequality rather than poverty - 'Leave no one behind'
- Agreement between 193 nations, for a better, more sustainable world





As of 2015, about 736 million people still lived on less than US\$1.90 a day; many lack food, clean drinking water and sanitation.

Rapid growth in countries such as China and India has lifted millions out of poverty, but progress has been uneven.

Women are more likely to be poor than men because they have less paid work, education, and own less property.

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Following



The University of Manchester has been ranked 3rd out of more than 500 universities around the world in the [#THEglobalimpact](#) rankings based on our societal impact against the [@UN's](#) Sustainable Development Goals. [#GlobalGoals](#) [#SDGs](#)

man.ac.uk/ljM1TH



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Outline

- 'Creating a Sustainable World'
- Your advice about assessment
- Piloting a new 'open source' exercise about the SDGs



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This article is more than 5 months old

We have 12 years to limit climate change catastrophe, warns UN

Urgent changes needed to cut risk of extreme heat, drought, floods and poverty, says IPCC

● Overwhelmed by climate change? Here's what you can do



a fire in California. The world is currently 1C warmer than preindustrial levels. Photograph:

ding climate scientists have warned there is only a dozen warming to be kept to a maximum of 1.5C, beyond which ree will significantly worsen the risks of drought, floods, and more frequent and severe weather events.

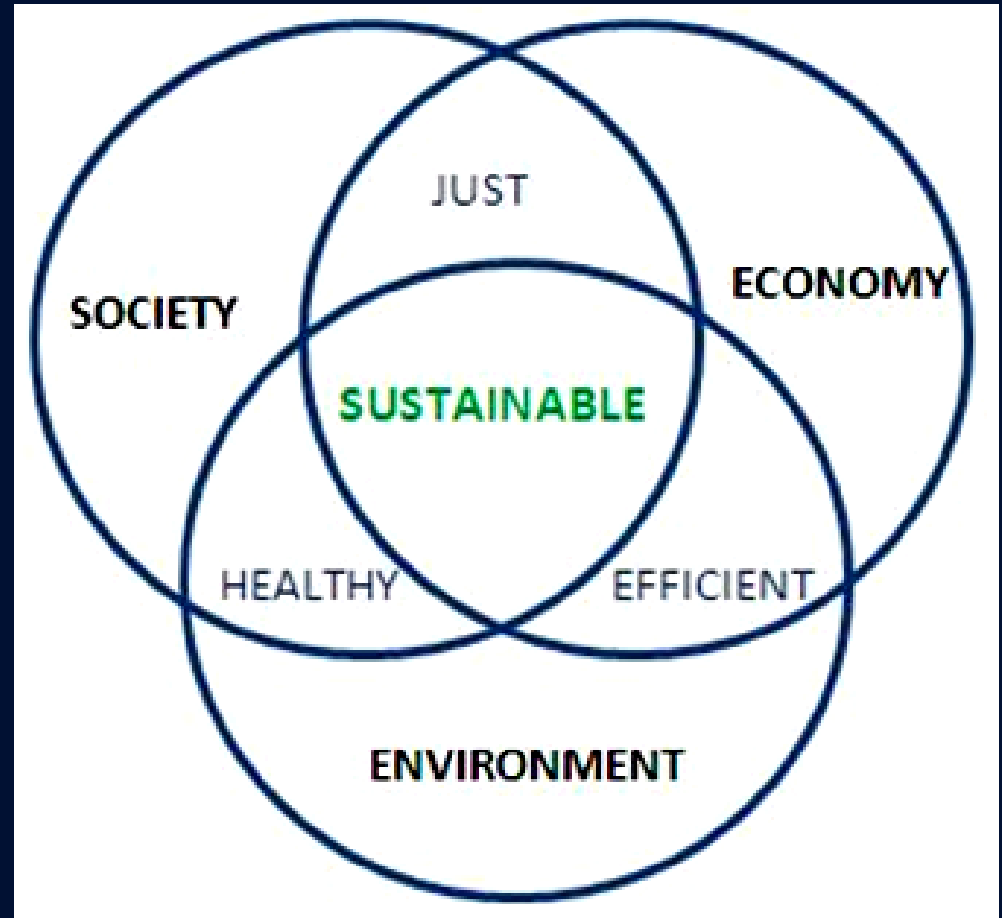
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'Sustainable' Development

**Brundtland
Commission of 1987.**

*'Development which
meets the needs of
the present without
compromising the
ability of future
generations to meet
their own needs'*



5 ps of the SDGs

- People
- Planet
- Prosperity
- Peace
- Partnership (Goal 17)



Education for Sustainable Development (ESD)
empowers people to change the way they think and
work towards a sustainable future.

(UNESCO, 2019)

- Proven national student interest in SDGs (eg Drayson's work, NUS 2017) (link to University Goals);
- Draws upon existing UoM strengths including signature programmes, cultural institutions and research institutes to deliver University level interdisciplinary teaching;
- Range of teachers considering gender, ethnicity, career stage, plus 'stars' (SDSN, 2017);
- Students as partners;
- Equips students to activate their learning and make positive change;



- Delivered online.

ILOs:

- Describe the key **interlinked, interdisciplinary** concepts and theories that underpin sustainable development, as presented by the SDGs
- Analyse diverse ways in which sustainable development plays out across different **spaces and scales**, including policy spheres, everyday lives, and infrastructures
- Identify and defend your own social positioning in the world and **feel empowered** to make positive change.

In addition, for 20 credits:

- **Apply** your knowledge to a specific problem, devise an action plan and **communicate** this in a well-argued report

Informal get together – Sustainability mapping

Intro to course

Sustainability + Goal 17
Professors James Evans and Amanda Bamford, Co Academic Directors of Sustainability, UoM

CORE
2 credits

Online discussion group

Sustainable Development Goals
Professor David Hulme, Global Development Institute

CORE
2 credits

Interim assessment

10 credits choose 6 Goals each worth 1 credit.

Goal Goal Goal Goal Goal Goal

On going assessment

Assessment: Choice of format (policy brief, technical report, blog etc). Draws across learning to consider how goals speak to broader concepts/holistic approach of sustainable development.

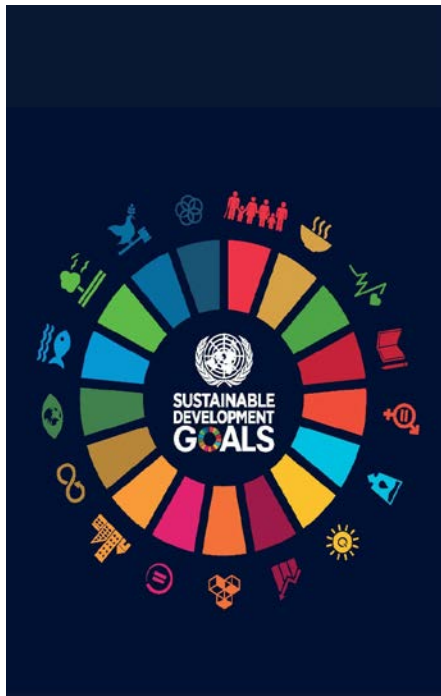
Drop in support for assessment.

20 credits study all Goals, each worth 1 credit.

Goal Goal Goal Goal Goal Goal Goal Goal
Goal Goal Goal Goal Goal Goal Goal Goal

On line writing support/resources e.g. for technical writing, reflective writing, etc. Link to My Learning Essentials

Assessment: 10 credit assessment (50%) plus a reflective piece & task.



- Interdisciplinarity within goals/modules
- Linkages across the goals
- Flexibility of learning



The challenge: setting interdisciplinary assessment which embodies ESD and is as accessible and appealing for a language student as it might be for a scientist.

10 credits:

- Ongoing module assessment (40%)
 - Big picture questions
 - Data Analysis
- End of course problem based exercise in choice of format (60%)

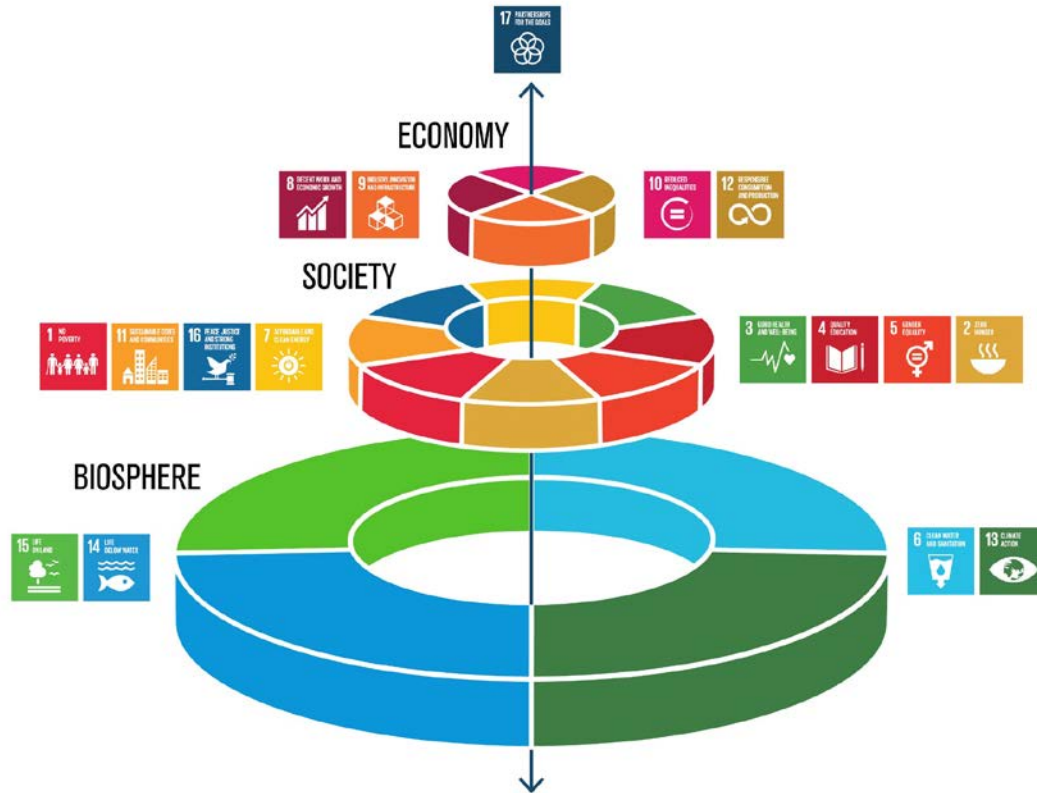
20 credits

- Ongoing module assessment (20%)
- Sustainability project set by external stake holders (60%)
- End of unit reflective sustainability manifesto (20%)

Part 2:

- 5 minute breather?





“Achieving the SDGs requires the partnership of governments, private sector, civil society and citizens alike to make sure we leave a better planet for future generations” (UN)

Critiquing Partnership

20 minutes to work through in groups; then we'll compare

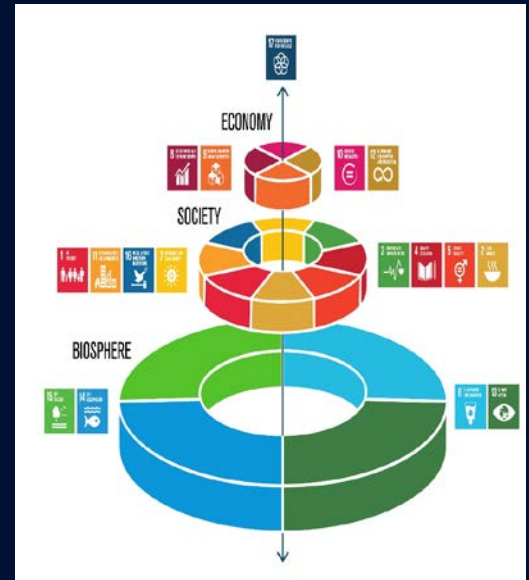
From your perspective:

STEP 1

- Decide which layer is which 'P', why?
- Any alternatives?

STEP 2

- Decide which goals sit with which 'P', why?
- Any differing opinion?



Wrap up



- SDGs massive development project for more sustainable, equal world by 2030
- Deceptively complex
- Need to critique approach, method, rationale
- Reality of partnership and leaving no person behind?

Join us?



- Especially hunger and peace
- Or for 2020 module
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With thanks to Jess.

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@jen_robrien

"The greatest threat to our planet is the belief that
someone else will save it"

Robert Swan, Author

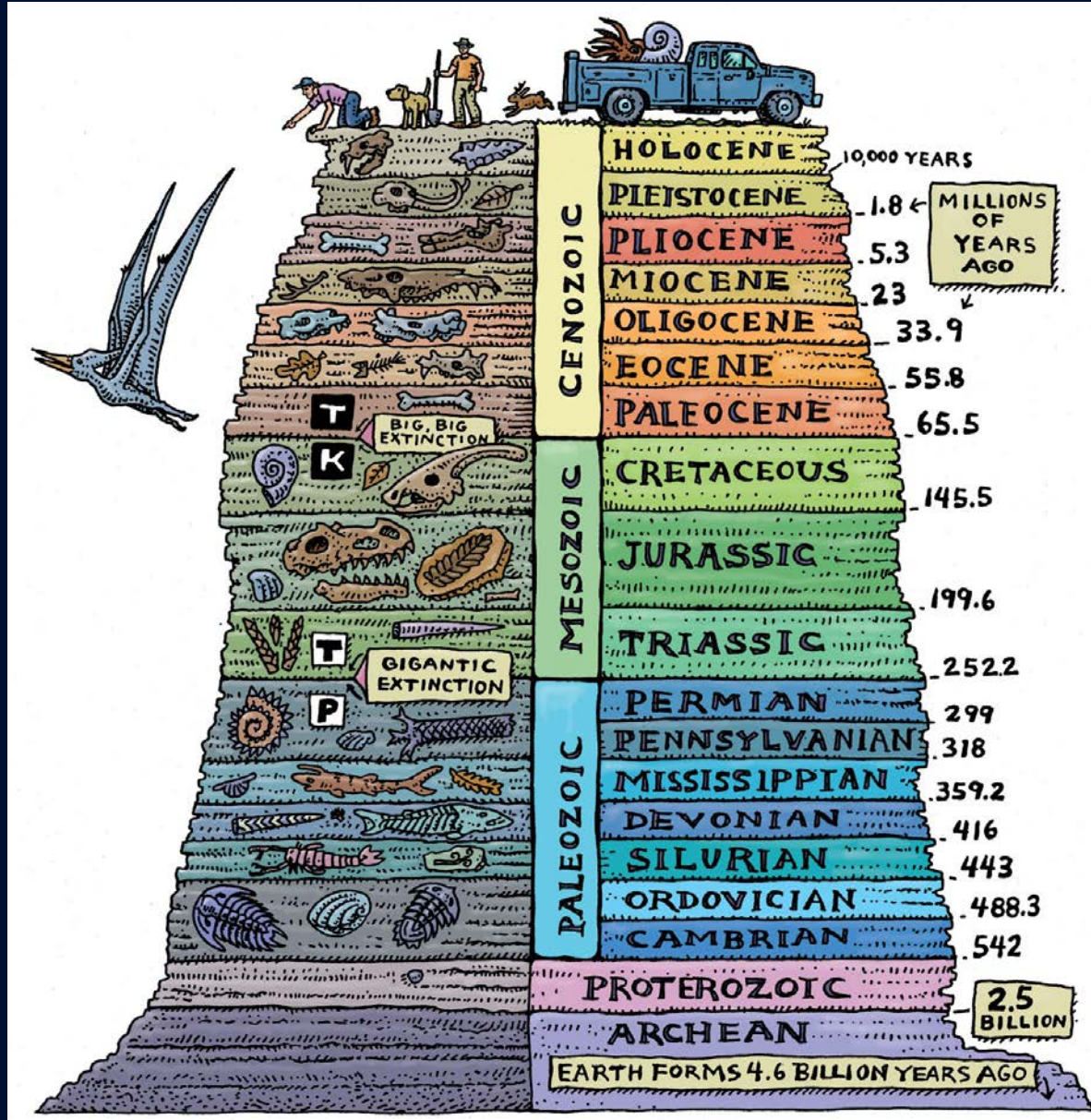


Thank-you

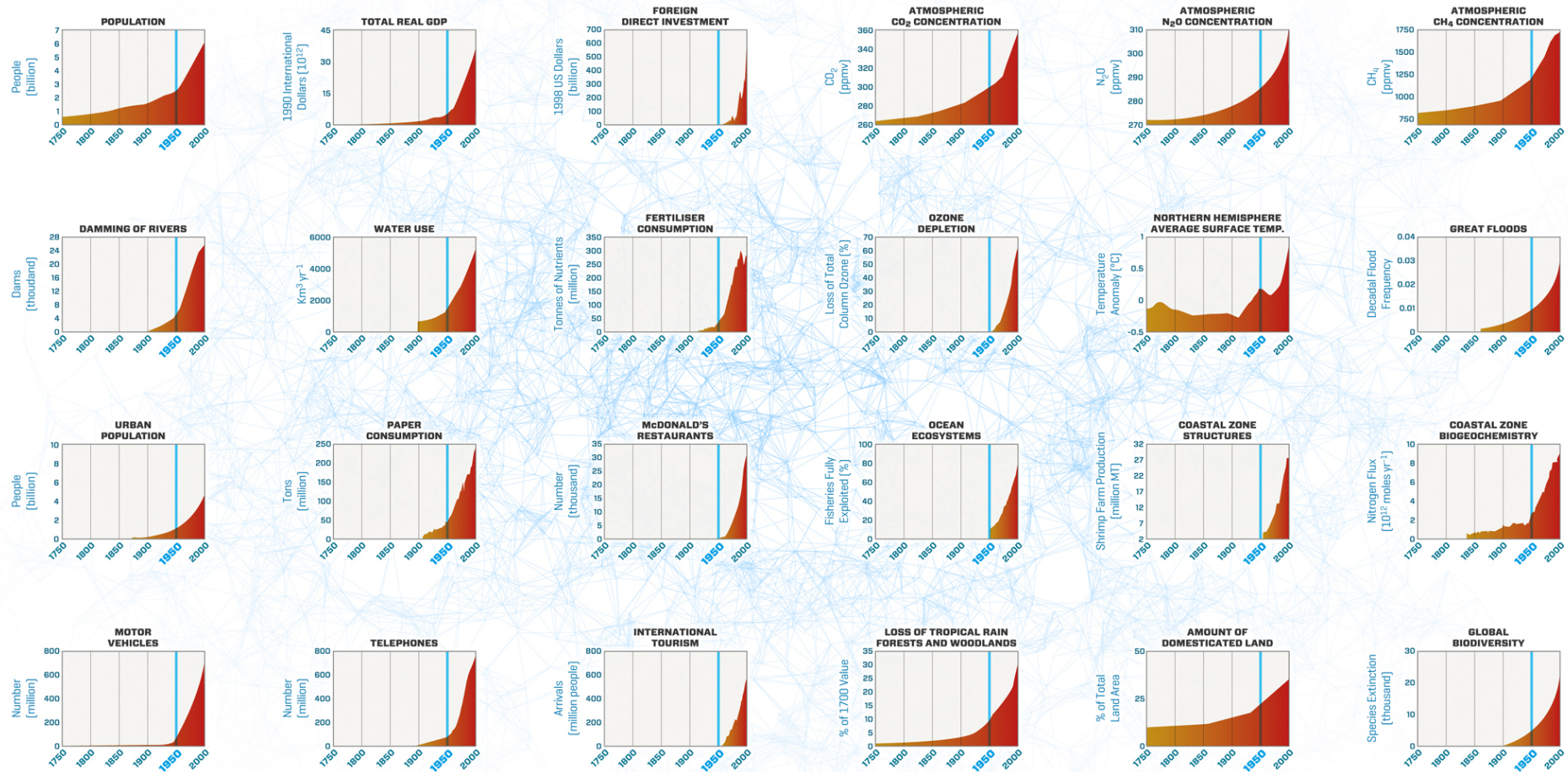
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Anthropocene

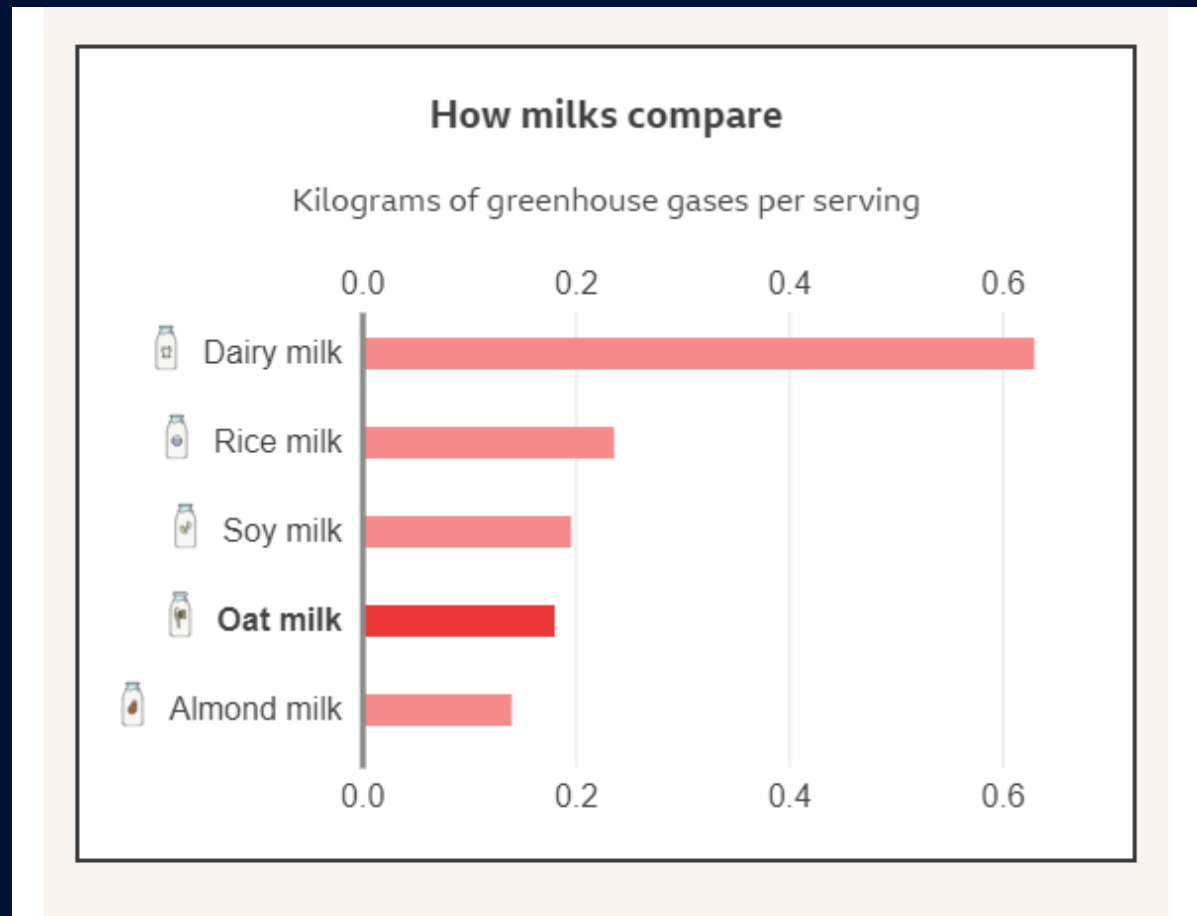


The Great Acceleration



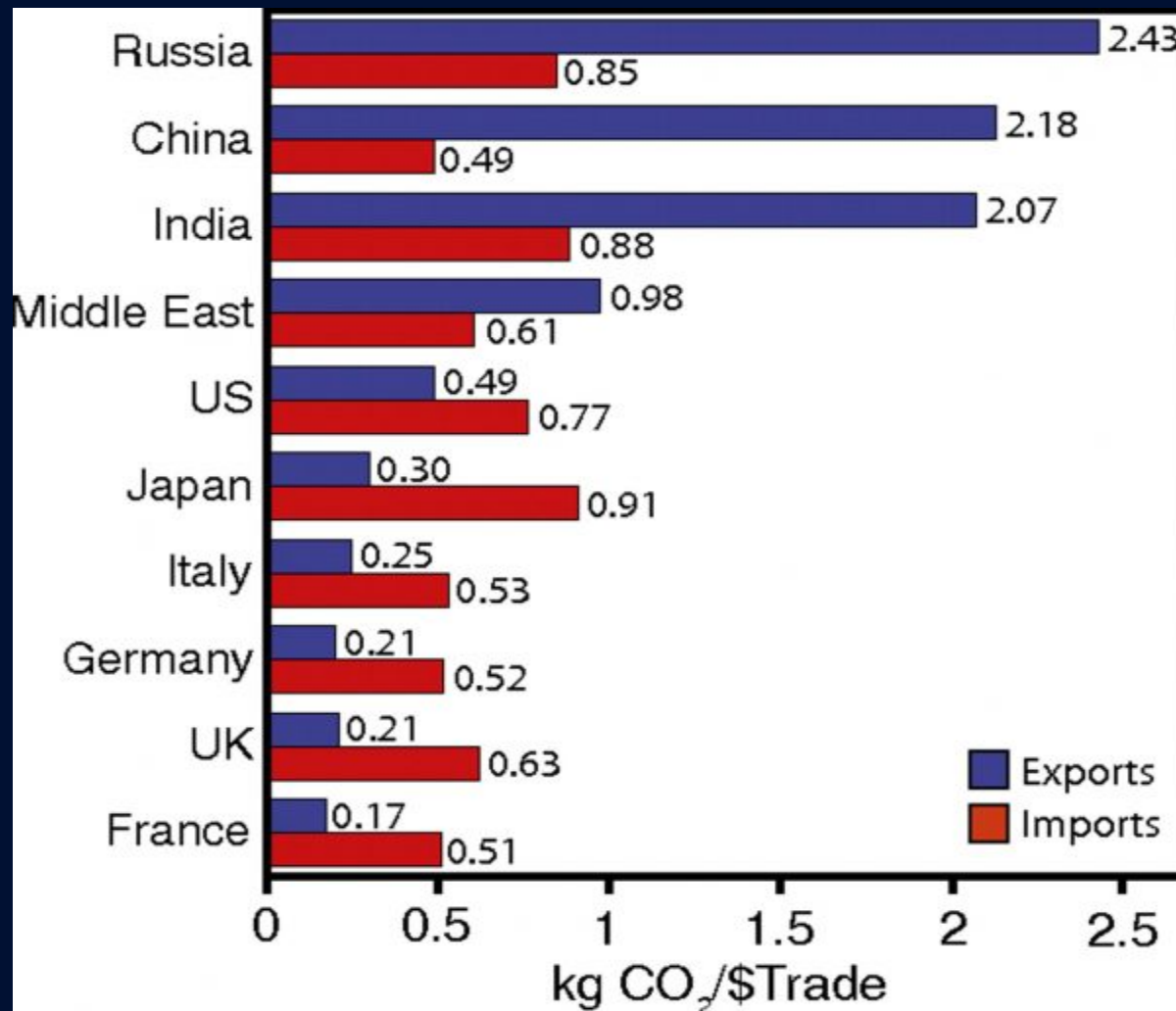
- Steffen et al 2004. International Geosphere-Biosphere Programme.

Complexity of sustainability: Mundanity of milk meets fantastic flying



[Source](#)

CO₂ intensity of goods imported and exported by country²¹



The triple bottom line of sustainability



The SDG Accord

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