

#TeamFinance Launch Event 2020

2pm	Arrival, refreshments, networking
2.30pm	Introductory remarks – Lee Hamill, Director of Finance
2.45pm	Reflections on 2019 and Looking Forward to 2020 – Lee Hamill
3.15pm	Team Finance Awards presentation
3.45pm	The Climate Crisis – Dave Gorman, Head of Social Responsibility and Sustainability Net Zero Carbon Project – Peter Hayakawa, Procurement Policy Officer
4.15pm	Closing remarks – Lee Hamill

No fire drill planned today



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2019



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2019 Launch Event



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2019 Spring Event



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2019 Summer Event



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2019 Autumn Event



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Scottish Universities' Finance Conference



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Success in 2019

- **Green Gown Awards:** Total Reporting & Money for Good
- **Conference on University Procurement (COUP):** Winner for Innovation – Core Systems procurement
- **COUP:** Karen Bowman - Lifetime Achievement Award

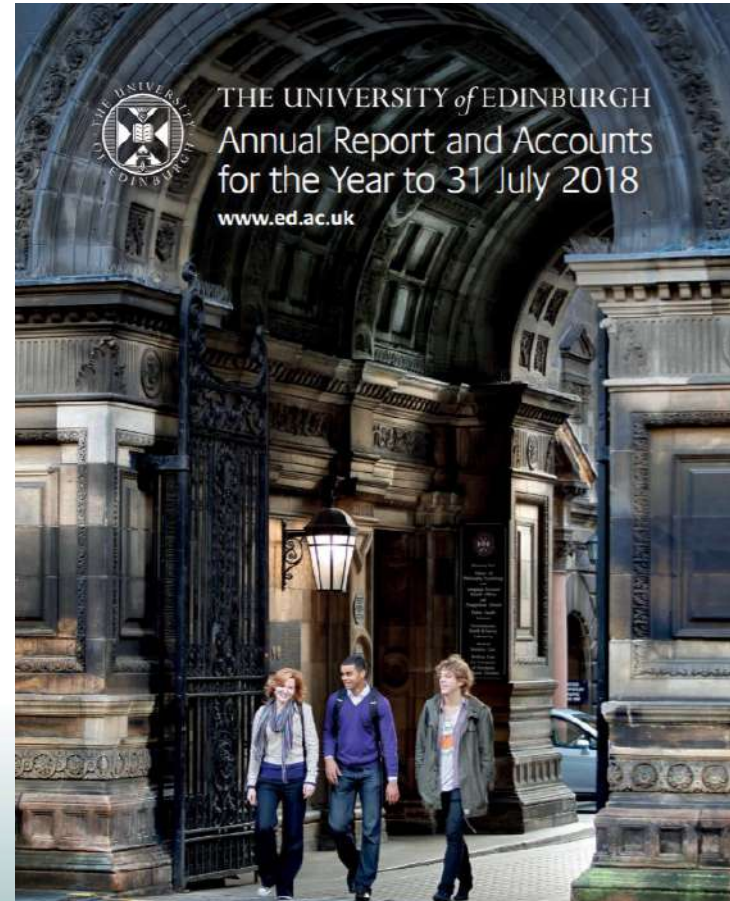


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Success in 2019

- Annual Report 17/18 Highly Commended at Public Finance Awards
- CAHSS spearhead tuition fee project
- Procurement Pilot Hub in place
- Recruitment of our new Head of Hubs and Head of Contracts started this week



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Success in 2019

- Developments with China Merchants Group and BioQuarter.
- DDI and ongoing support for City Deal projects.
- Peffermill developments – Court approved new Sports Village and Accommodation
- Ongoing delivery of Estates Capital Programme



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Success in 2019

- Estates processed circa 26,000 invoices to support a capital expenditure of £136m and other operating expenditure of £74m
- Estate Finance, Small Works And Minor Projects and the VAT team have put new VAT processes in place
- College of Science and Engineering: First full year of transition to the new contribution based budgets



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Success in 2019

- Support Services - surplus £13.98m (1.3%) ahead of budget
- UoEAL profit was 3.9% ahead of prior year @£4.2M (behind budget by £400K or 9%)
- Rare gold coin gift worth \$135k
- MVM record donations of £24.1m, excl. gold coins
- Target was £4.9m!



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Success in 2019

- Animal Hospitals achieve record income of £12.2m
- Business Planning support 20+ projects totalling £400m in 2019
- ...And £240m of capital projects successfully approved



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Success in 2019

- Student recruitment programme wins at the HR Network National Awards
- The University Data Safe Haven was ISO 27001 ensuring our research data is managed securely and safely
- Successfully completed the procurement exercise to replace the University Network
- Assisted the Business School in implementing the University's first Micromasters programme with edX.
- We purchased Sir Charles Lyell's scientific notebooks to be included in the University Collections through fundraising of £750k.



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Success in 2019

- ISG Finance team recruit first Modern Apprentice, Heidi Williamson.
- Full monthly accruals and prepayments rolled out and producing monthly management accounts consistently
- Stephen Rackley and Jon Parry have both progressed to case study stage of ACCA
- Susanne Henry completed ACCA Level 1 exams and passed her first Level 2 exam



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Success in 2019

- Groundwork to transform management reporting including work on monthly management reports, great special focus updates for the University Executive and Court moving how we will be able to report in future
- Successful integration of the new Finance Systems team
- Hard work across teams to support the design of the new People and Money system



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Meet our Photographers

Much of the photography for this year's Annual Report and Accounts was provided by three student photographers, Alice, Daniel and Wami.

The students were commissioned as part of a joint initiative by Team Finance and the Edinburgh University Students' Association to provide a fresh and vibrant take on the student experience.



Alice Hunn

Degree: Graphic Design

Having studied graphic design at Edinburgh College of Art, Alice learnt the importance of photography within the field and became interested in learning the craft more, outside of her studies. She enjoys capturing moments that may not be focused on in everyday life, depicting mistakes and highlighting mistakes in an artistic way.

● @graphalice



Daniel Sun

Degree: Medicine

Alongside his studies, Daniel has developed his love for street photography from a hobby into a career. Down the line, he hopes to bring together his interests in global health and candid documentary.

● @sunxin



Wami Akoko

Degree: Philosophy

Wami is a Nigerian conceptual and documentary photographer, creative director and filmmaker. Through her art, she aims to visually tell stories, highlighting the beauty in people, cultures and even seemingly mundane everyday occurrences - though from a distinct and surreal point of view.

● @wamiakoko

Overview

Strategy and Value model

Operational review

Future review

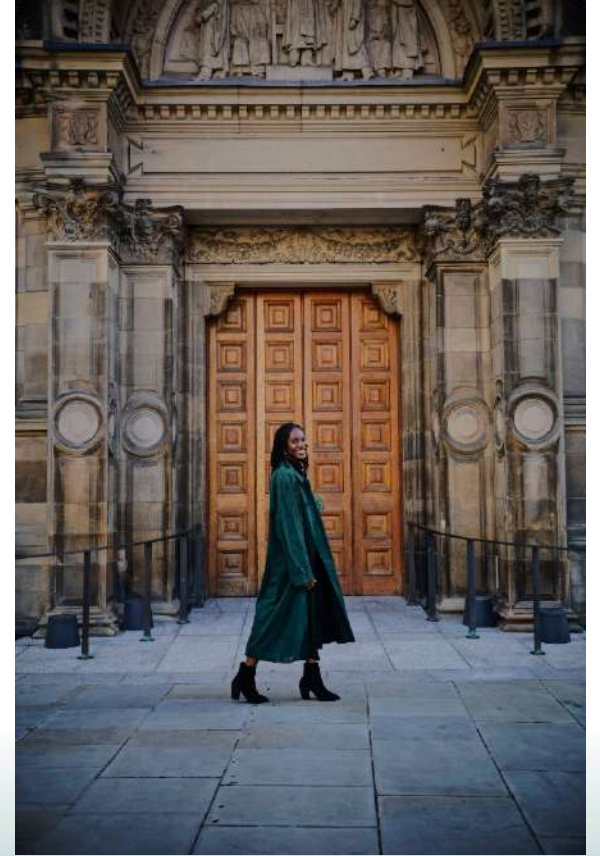
Governance

Financial statements



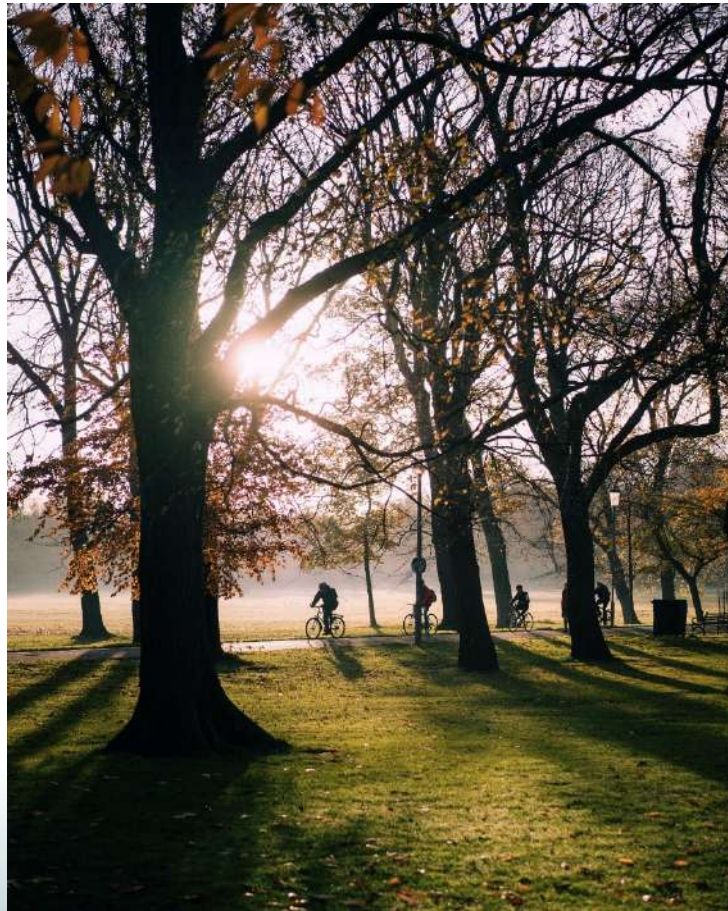
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The Art of Finance

- Join us for 'The Art of Finance'
- Exhibition of student photography
- Charles Stewart House, 5pm-7pm
- Thursday 23rd January
- Spaces limited – book on MyEd



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Highlights

Total income (£m)*

2019	1,102
2018	984
2017	929
2016	889
2015	825

11.9%
total income growth



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£61 million

operating surplus for reinvestment



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Highlights

Endowment fund value (£m)

2019	460
2018	424
2017	392
2016	343
2015	315

8.2%

Annual return on endowment fund



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Highlights

Student numbers including Online Distance Learning

2019	43,380
2018	41,312
2017	39,575
2016	37,510
2015	35,255

11.2%

full-time Scottish
undergraduate entrants in
2019/20 from MD20 and
MD40 categories



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Highlights

Year	Total research income (£m)*
2018/19	286
2017/18	280
2016/17	265
2015/16	254
2014/15	231

*Excluding exceptional items

QS 20th

THE 30th

World league table
positions



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Annual Report & Accounts Live Launch

PUBLISH



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2020 Vision



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University Finances – Good to World-Class

- Performance
- Purpose
- People



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University Finances – Good to World-Class

Purpose



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University Finances – Good to World-Class

People



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Team Finance Awards



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Transparent

Andrew Dickinson



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Expert

Kerry Scott



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Innovative

Ashleigh Kelly



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Customer focused

Lynsey Devine



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Team of the Year

Printing Services



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The Climate Crisis- Is It Really That Bad? And What Can We Do Anyway?

Dave Gorman
Director of Social Responsibility and Sustainability
University of Edinburgh



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Australian fires...



Outline

- Some background on the science
- Impacts (or why we should be concerned...)
- Broader sustainability and environmental issues
- What Can Be Done?

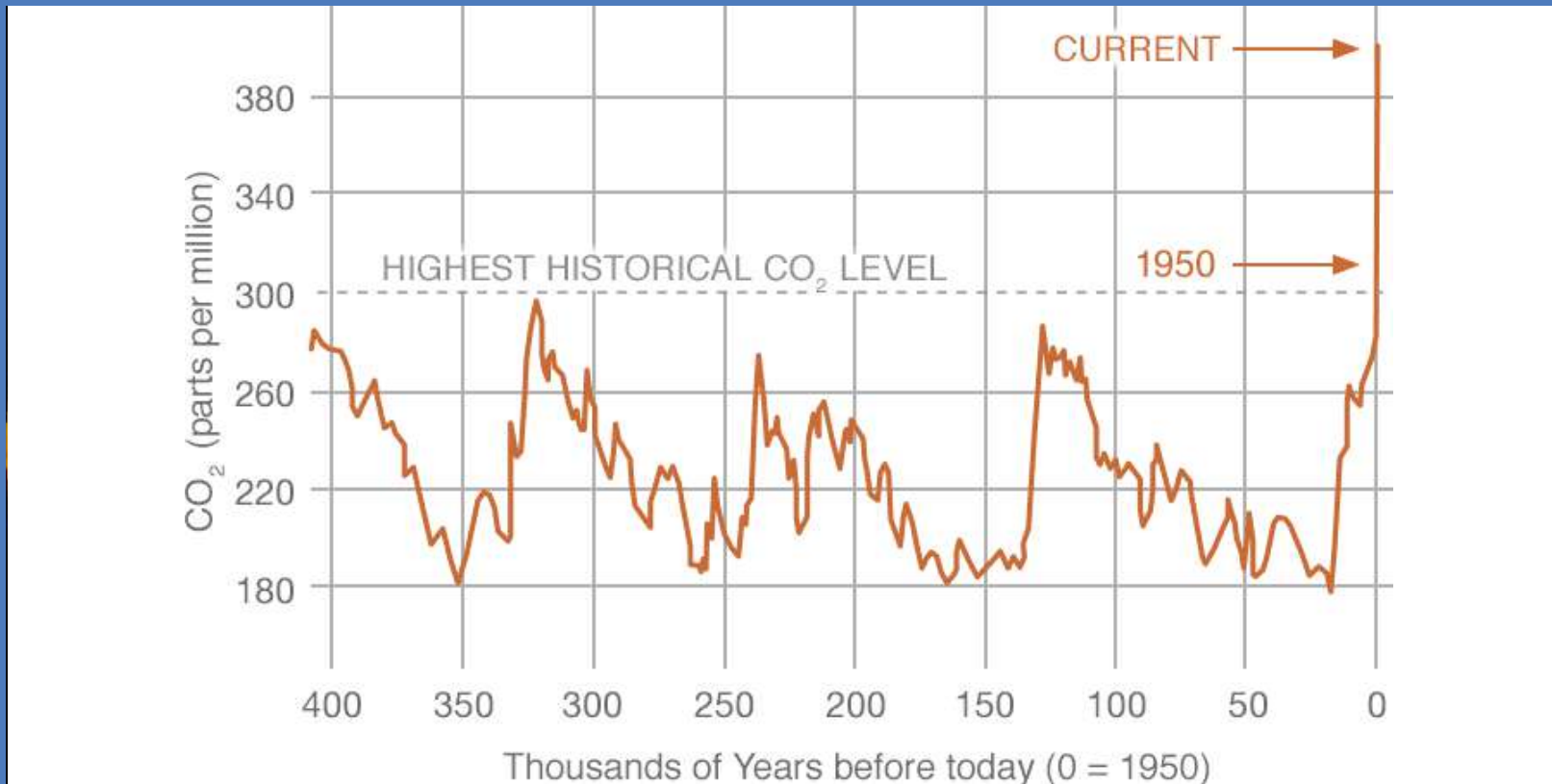
Alexander Pope said...

A little learning is a dangerous thing...

(Complete the quote!)

Drink deep, or taste not the Pierian
spring,
Where shallow drafts intoxicate the
brain,
And drinking largely sobers us again...





‘Right now, we are facing a disaster of global scale. Our greatest threat in thousands of years. Climate change.’

– David Attenborough

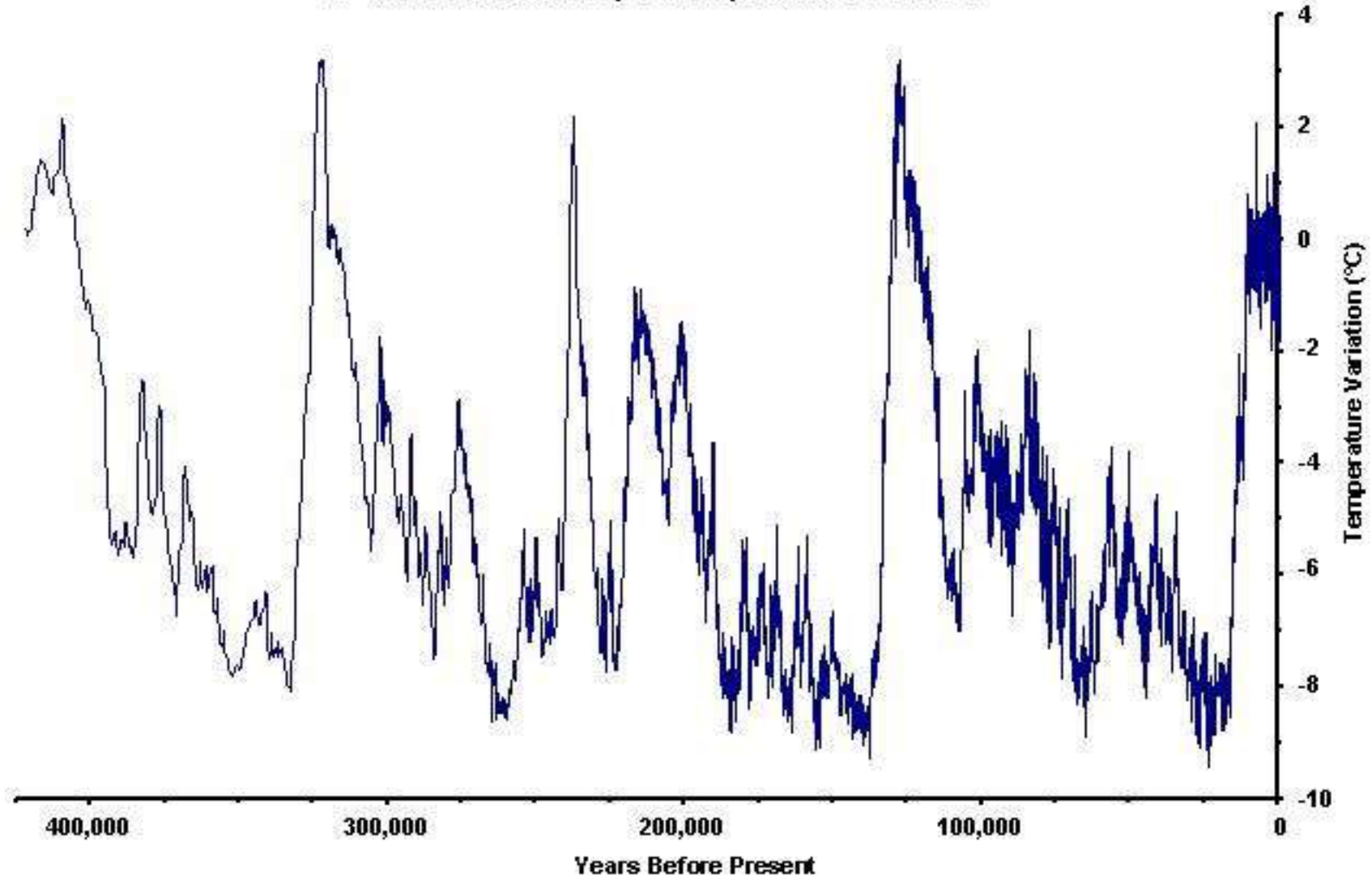
So What is it?

- 'Weather' is what its like outside today, tomorrow, next week, next month
- Climate is the long-term (~30 year) average
- Climate change is a significant shift in this long-term average
- Global climate change is a significant shift in the worldwide average



Climate change isn't new...

Variation with Time of the Vostok Isotope Temperature Record



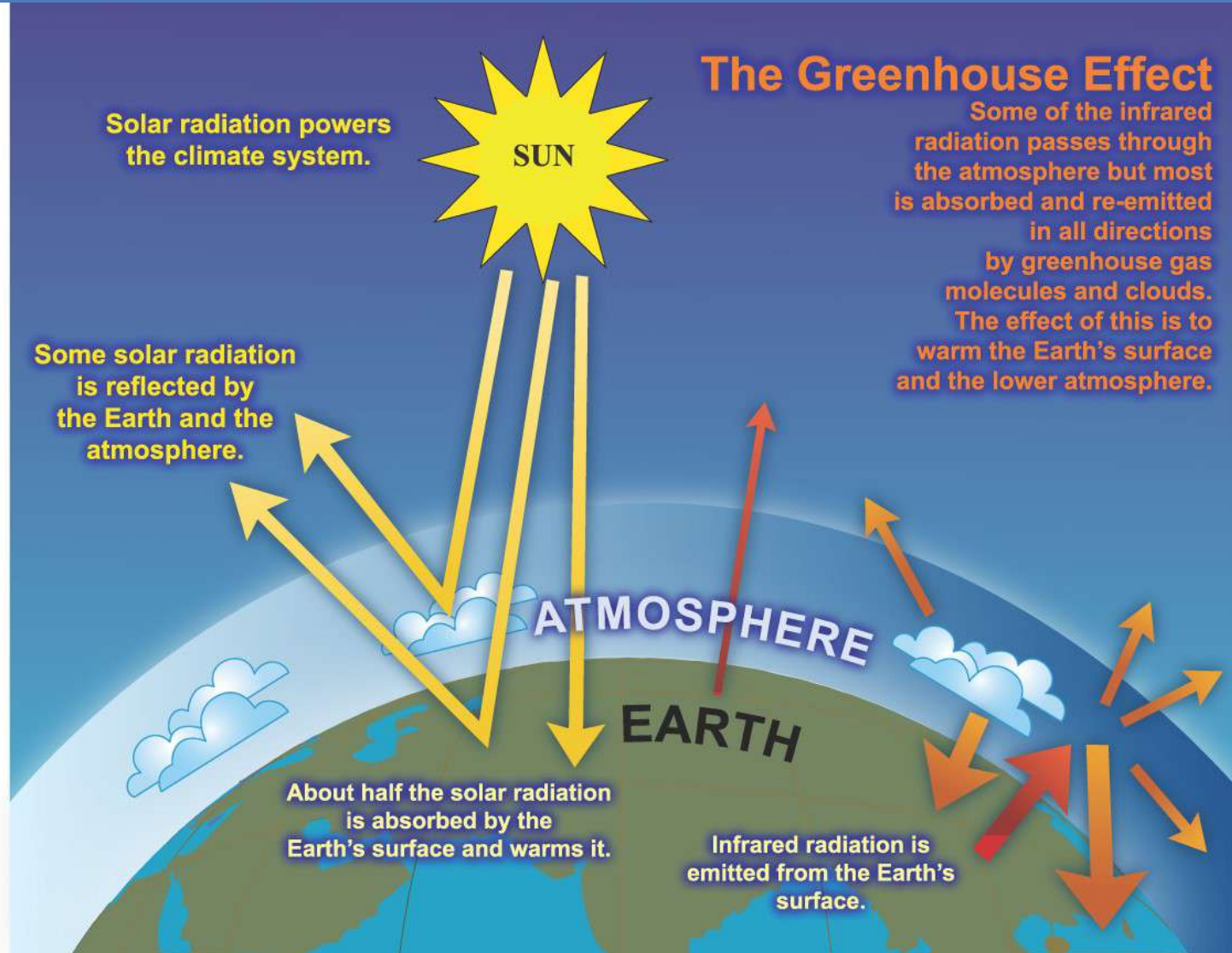
Source: Petit, et al. (PAGES / IGBP)

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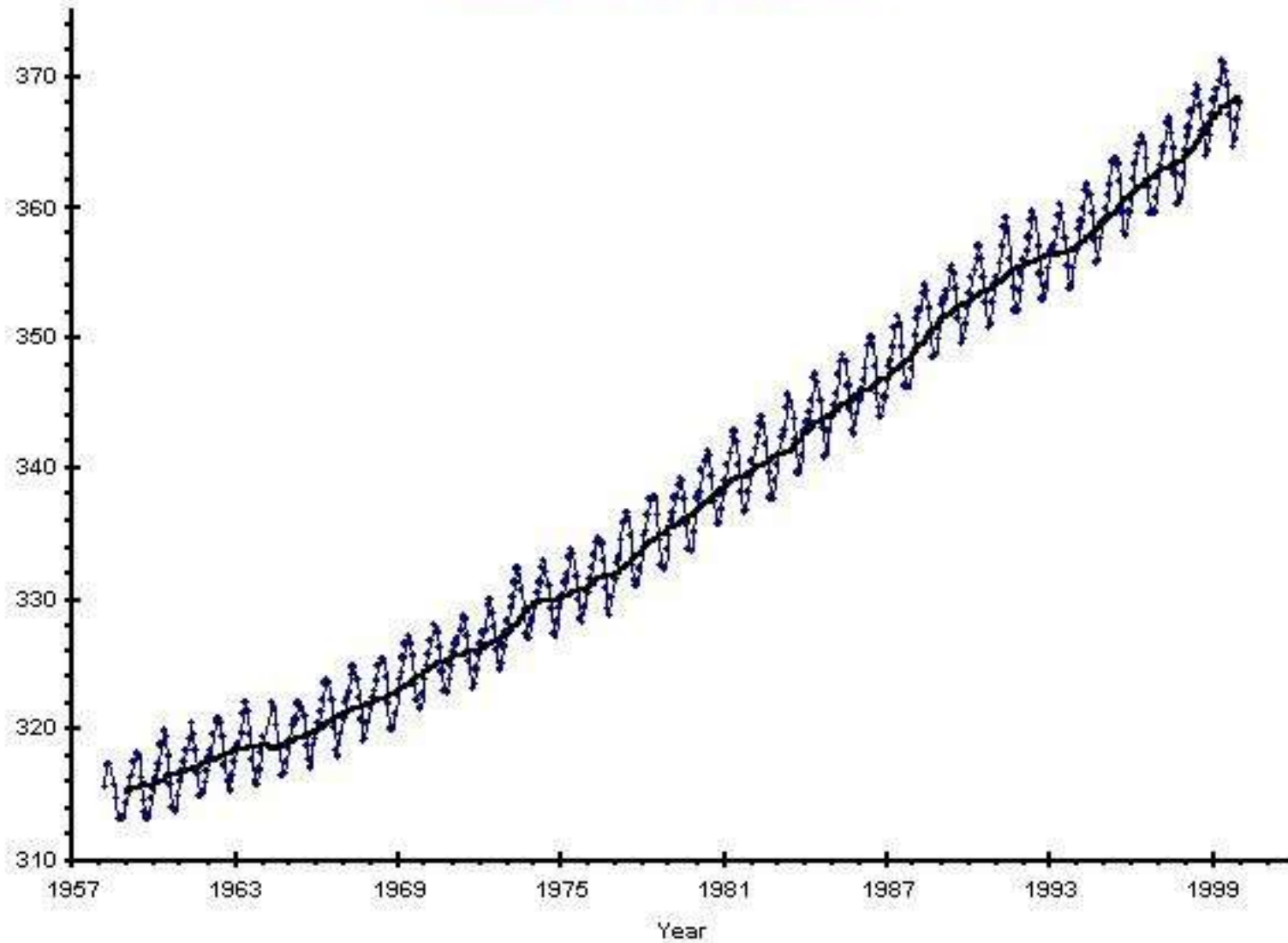
3 Ways to Change our Climate: Global Energy Budget



Carbon dioxide (CO₂)



Mauna Loa Monthly Carbon Dioxide Record: Keeling Record 1958 - 1999



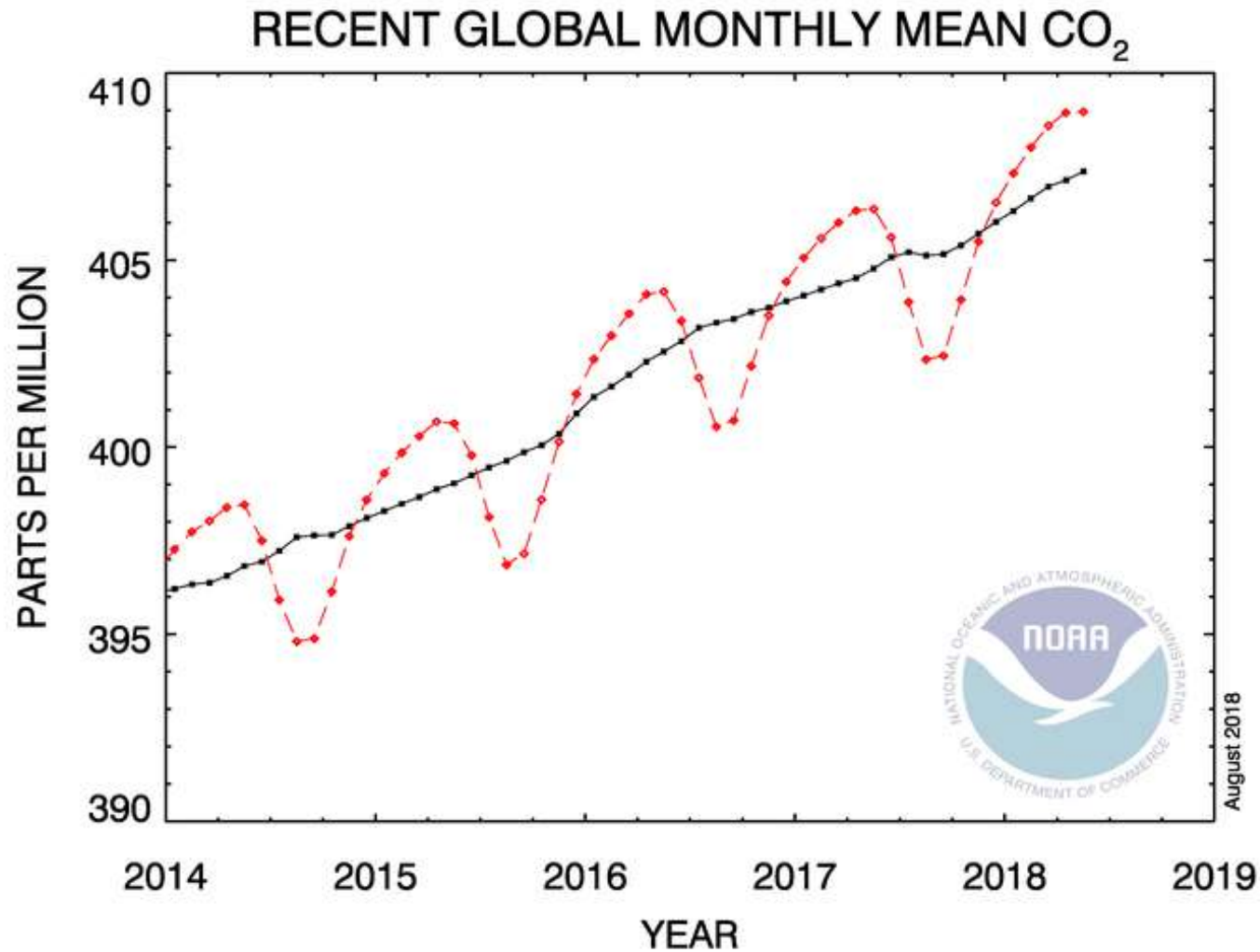
Source (with thanks from everyone): C.D. Keeling and T.P. Whorf

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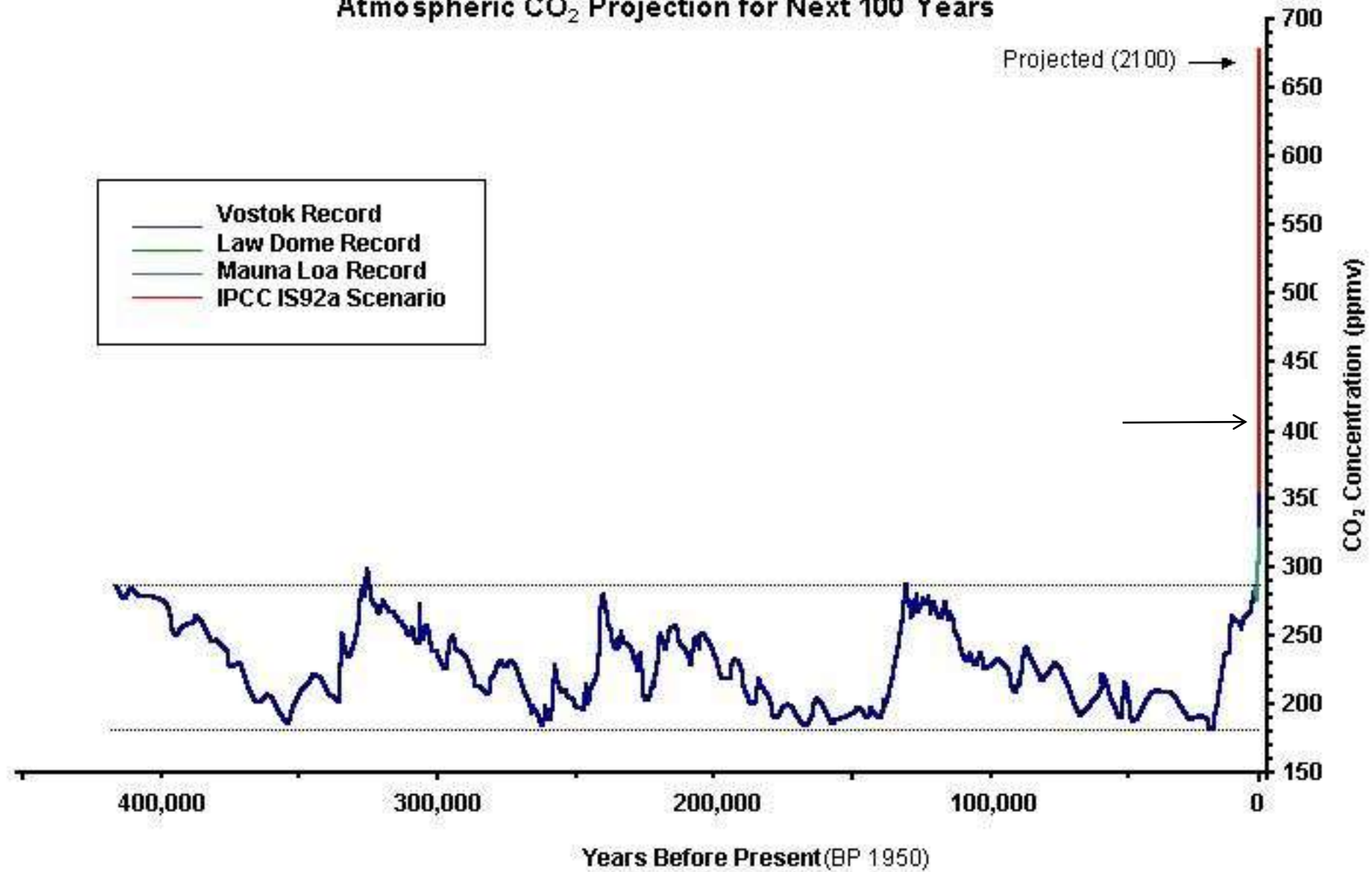
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Mauna Loa, now Global



<http://www.esrl.noaa.gov/gmd/ccgg/trends/>

CO₂ Concentration in Ice Cores and Atmospheric CO₂ Projection for Next 100 Years



Source: C. D. Keeling and T. P. Whorf; Etheridge *et al.*; Barnola *et al.*; (PAGES / IGBP); IPCC

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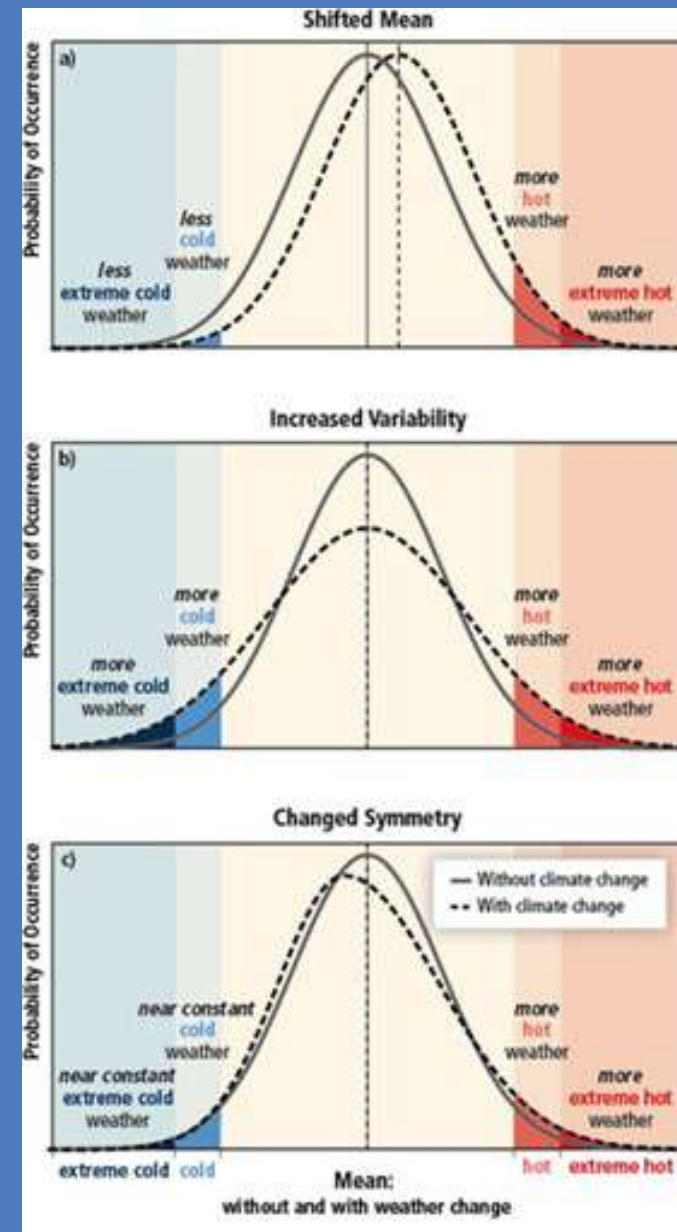
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Role of climate change in extreme events

- Question is not ‘why did this event occur’ (answer: weather) but ‘how much more or less likely was this event due to...climate change’
 - The most intense tropical cyclones are getting stronger, with more rainfall, higher seas flood more
 - Fires become more frequent in a warmer world (all else being equal)
 - Record temperatures breach physiological thresholds (flying foxes deaths due to climate change)

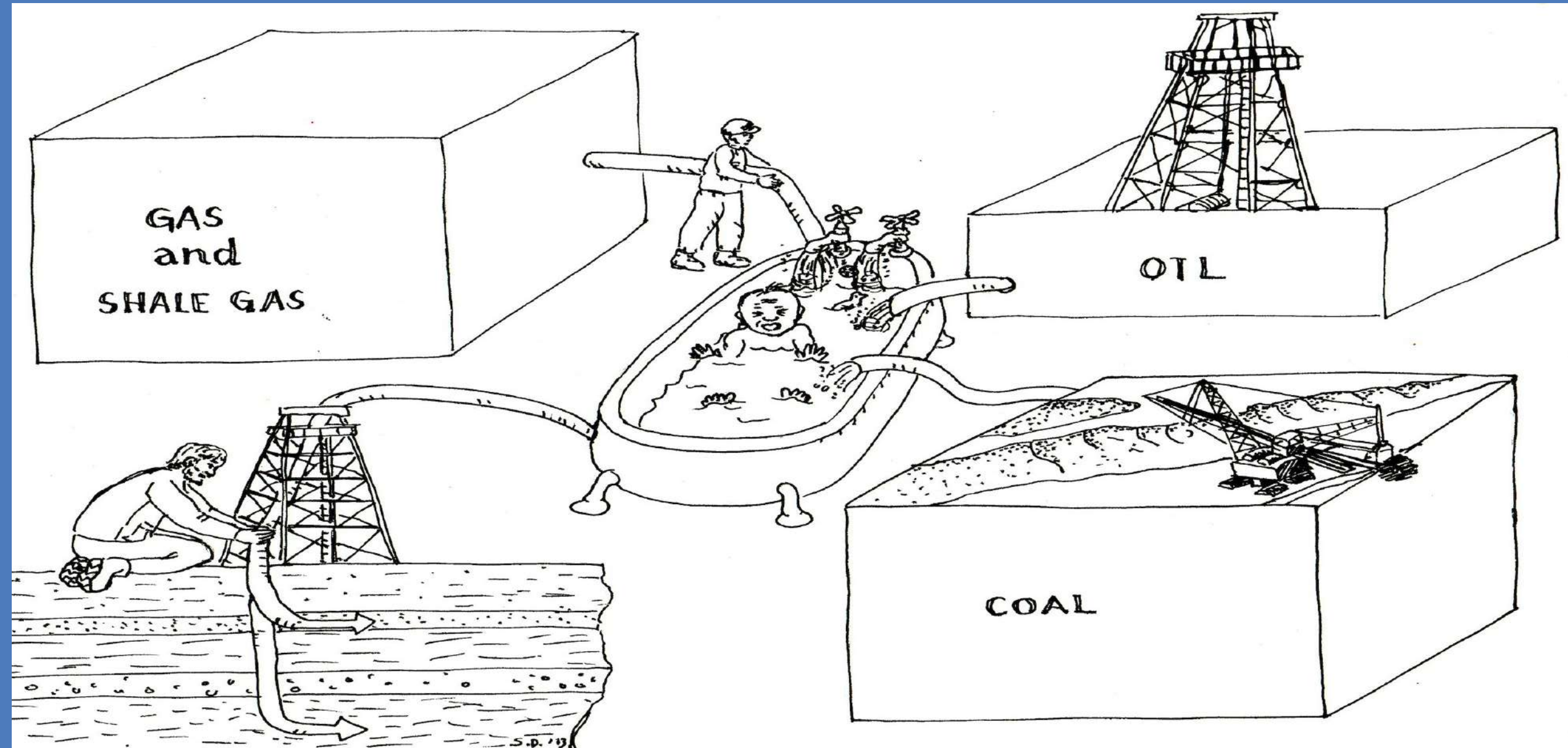


The human, financial and ecological costs of the climate crisis are stacking up



IPCC, 2012

Carbon stock in the atmosphere



- <https://www.globalcarbonproject.org/carbonbudget/19/visualisations.htm>



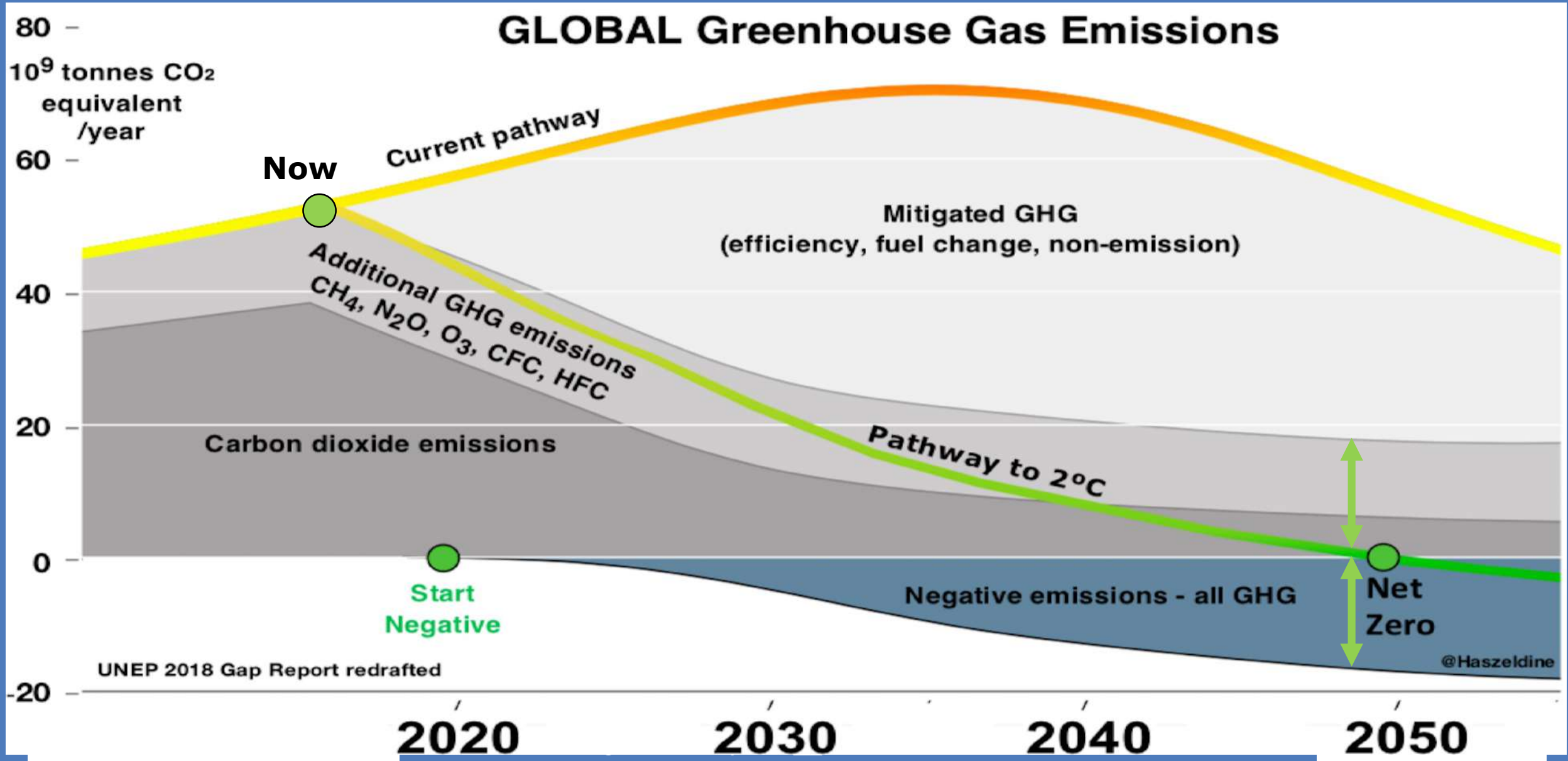
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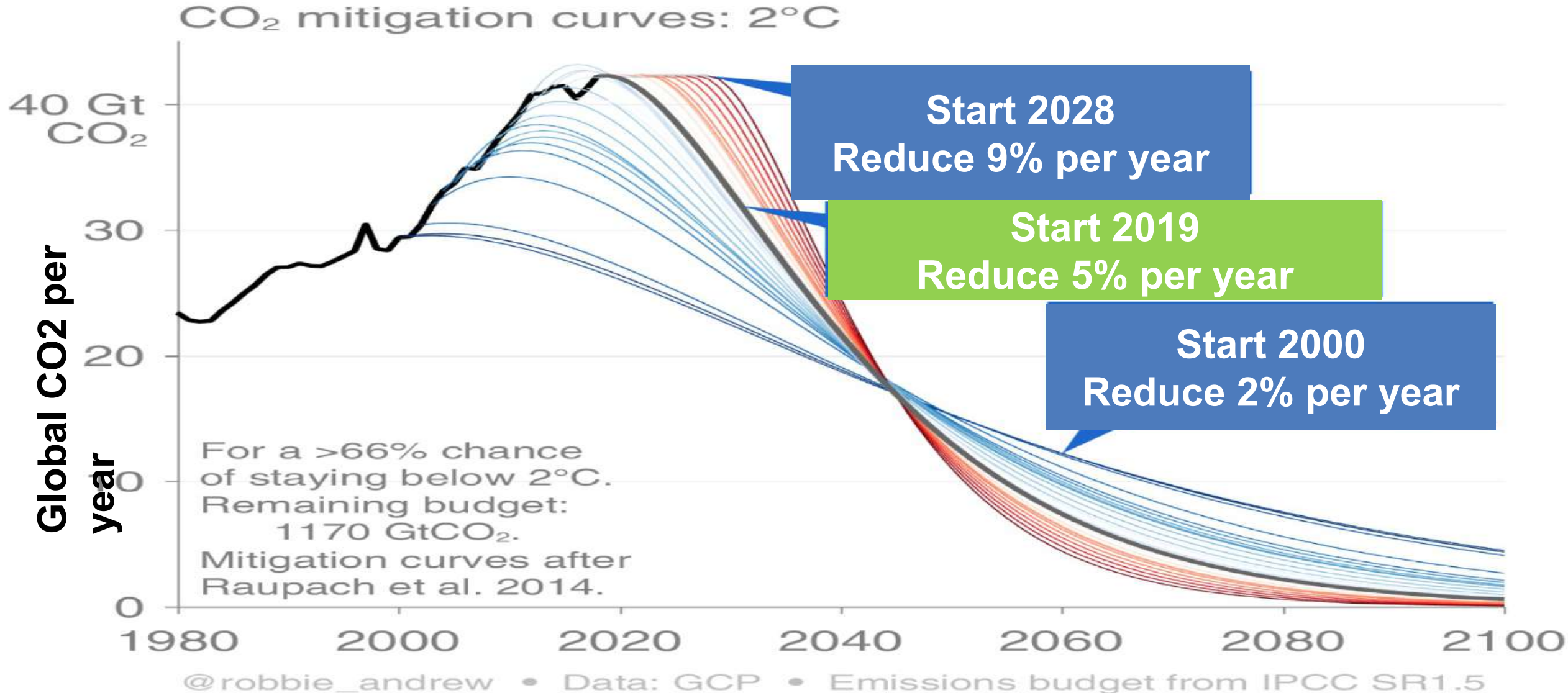
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Pathway to Net Zero, and beyond



Is a solution possible ?



One million species at risk of extinction, UN report warns

A landmark global assessment warns that the window is closing to safeguard biodiversity and a healthy planet. Yet solutions are in sight.

Tuesday, 7 May

By Stephen Leahy

NATIONAL GEOGRAPHIC



PHOTO BY JDEL SARTORE, NATIONAL GEOGRAPHIC PHOTO ARK

Climate change: Global sea level rise could be bigger than expected

By Matt McGrath
Environment correspondent

20 May 2019 440

BBC



How climate change is sinking an Indian island

Scientists believe that global sea levels could rise far more than predicted, due to accelerating melting in Greenland and Antarctica.

The long-held view has been that the world's seas would rise by a maximum of just under a metre by 2100.



The briefing

Are hurricanes getting stronger - and is the climate crisis to blame?

As the Atlantic season nears, we look at whether destructive weather events are getting worse - and how they get their names

by [Oliver Milman](#)

The Guardian

Scotland smashes maximum temperature record for February



Scotland beats February record temperature

THE SCOTSMAN
SCOTLAND'S NATIONAL NEWSPAPER

The impacts of the climate crisis are being felt now: here, and across the world



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'We are losing everything': Flooding in cyclone-hit Mozambique



Floodwaters triggered by Cyclone Kenneth's heavy rains rage in parts of Mozambique, causing homes to collapse.

26 Apr 2010



A woman crosses a flooded street in the aftermath of Cyclone Kenneth in Pemba [Mike Hutchings/Reuters]

California wildfires estimated to cost insurers up to \$13bn

FINANCIAL TIMES



The Camp Fire burns in the hills on November 10, 2018 near Oroville, California © Getty

Oliver Ralph NOVEMBER 19, 2018



The spate of wildfires burning across California will cost the insurance industry between \$9bn and \$13bn, according to new estimates from modelling firm RMS.

How one heatwave killed 'a third' of a bat species in Australia



By Frances Mao
BBC News, Sydney

© 15 January 2019



Many spectacled flying foxes were found dead around Cairns, a city in Queensland

Over two days in November, record-breaking heat in Australia's north wiped out almost one-third of the nation's spectacled flying foxes, according to researchers.

The human, financial and ecological costs of the climate crisis are stacking up



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Climate change: Sir David Attenborough warns of 'catastrophe'

By Matt McGrath
Environment correspondent

18 April 2019

BBC

London climate change protests



Sir David Attenborough has issued his strongest statement yet on the threat posed to the world by climate change.

15:56 23 Apr

'It's an existential crisis. Listen to scientists'

BBC



Teenage activist Greta Thunberg has an uncompromising message on climate change.

Support for Extinction Rebellion soars after Easter protests

The Guardian

Climate activists say pressure growing on politicians to act as donations flood in



▲ The Extinction Rebellion camp at Marble Arch in central London. Photograph: Ollie Millington/Getty

Support for **Extinction Rebellion** in the UK has quadrupled in the past nine days as public concern about the scale of the ecological crisis grows.

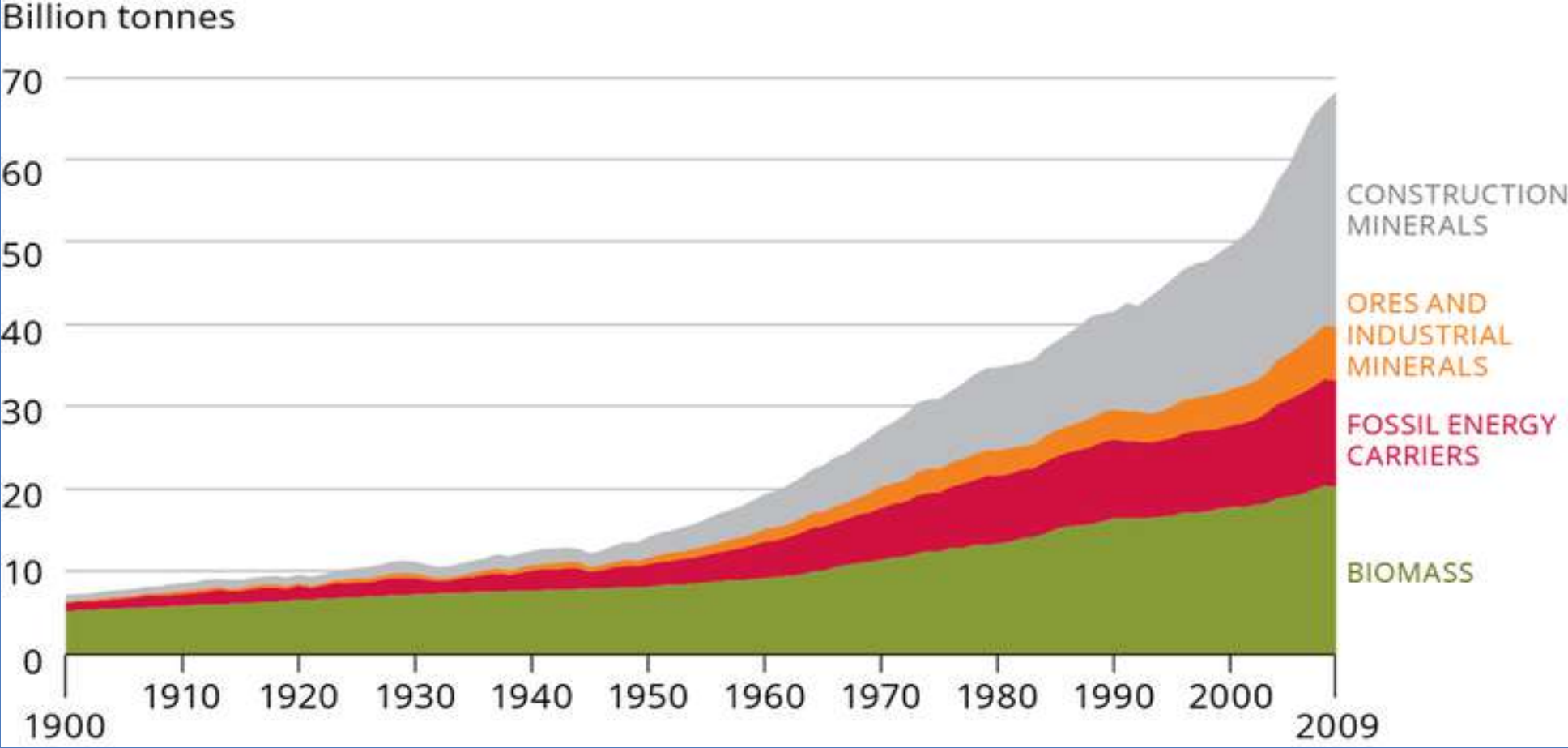
Awareness and visibility of environmental issues have never been higher

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Global Use of Resources...



Natural Index Keeps Going Down...

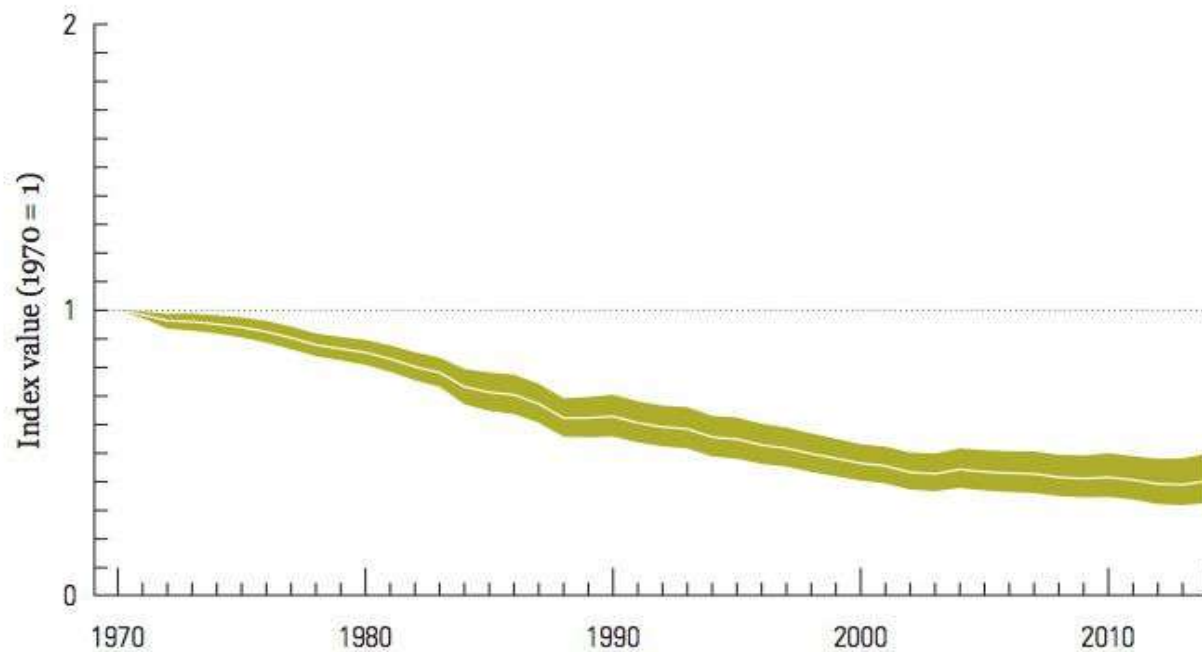
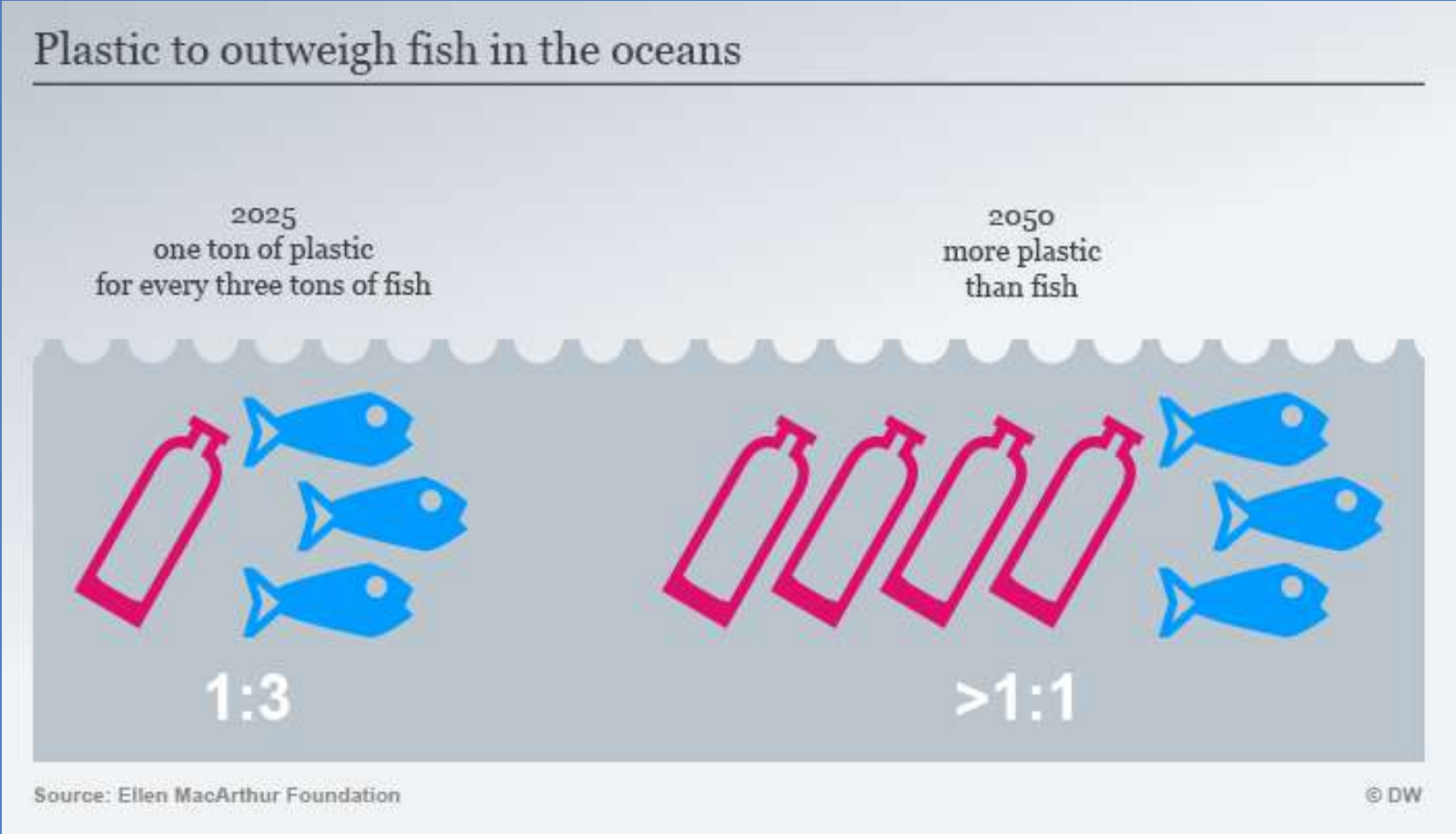


Figure 20: The Global Living Planet Index: 1970 to 2014
Average abundance of 16,704 populations representing 4,005 species monitored across the globe declined by 60%. The white line shows the index values and the shaded areas represent the statistical certainty surrounding the trend (range: -50% to -67%)¹.

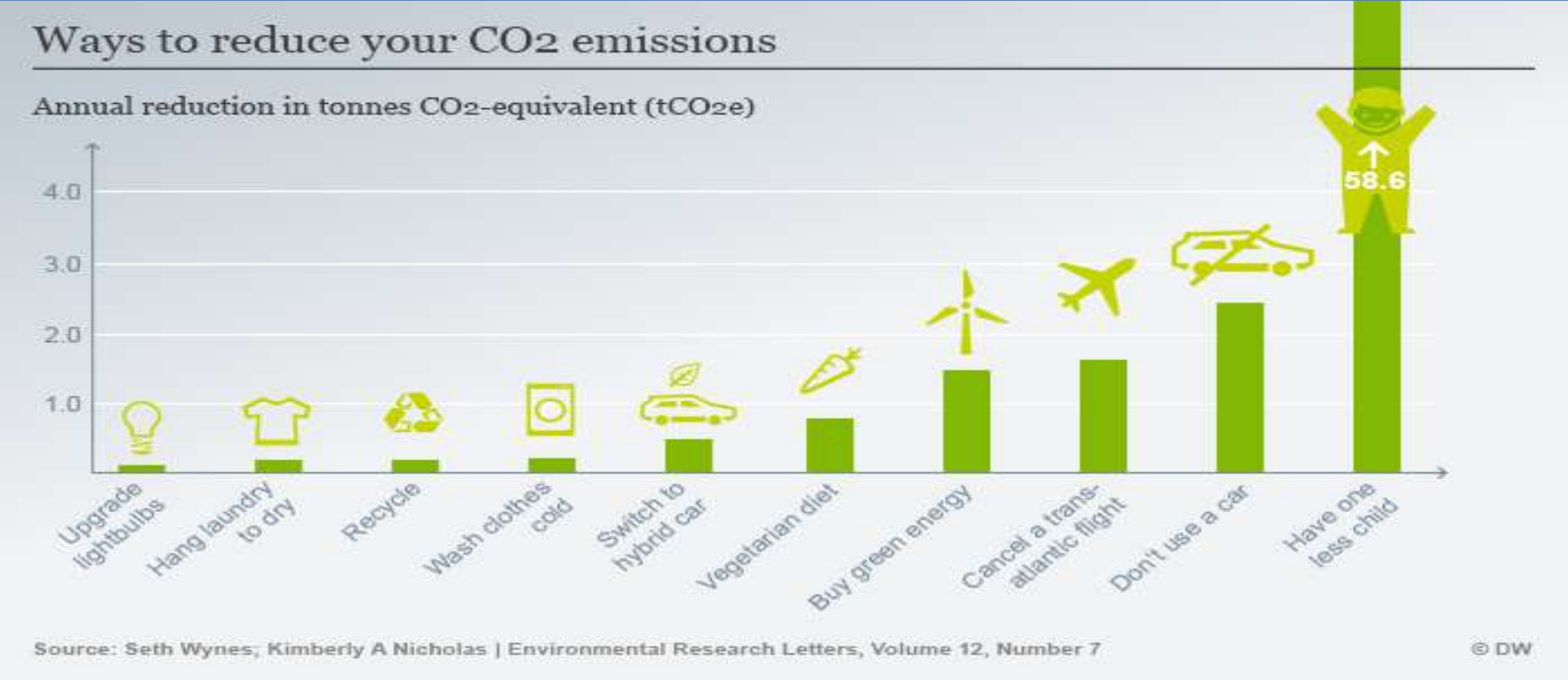
Key

- Global Living Planet Index
- Confidence limits

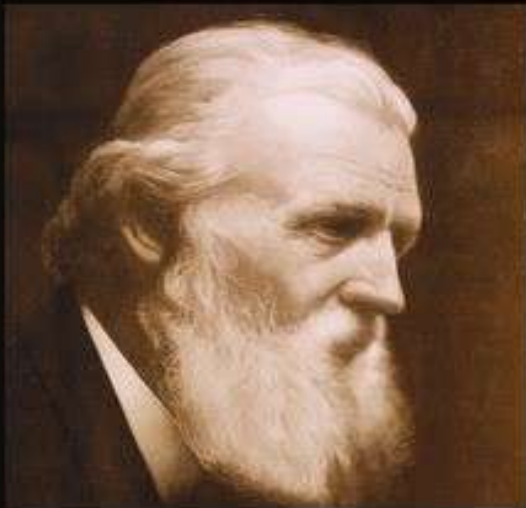
Ocean Plastic...



Choices, choices..



Stewardship...



When one tugs at a single thing
in nature, he finds it attached to
the rest of the world.

~ John Muir

AZ QUOTES

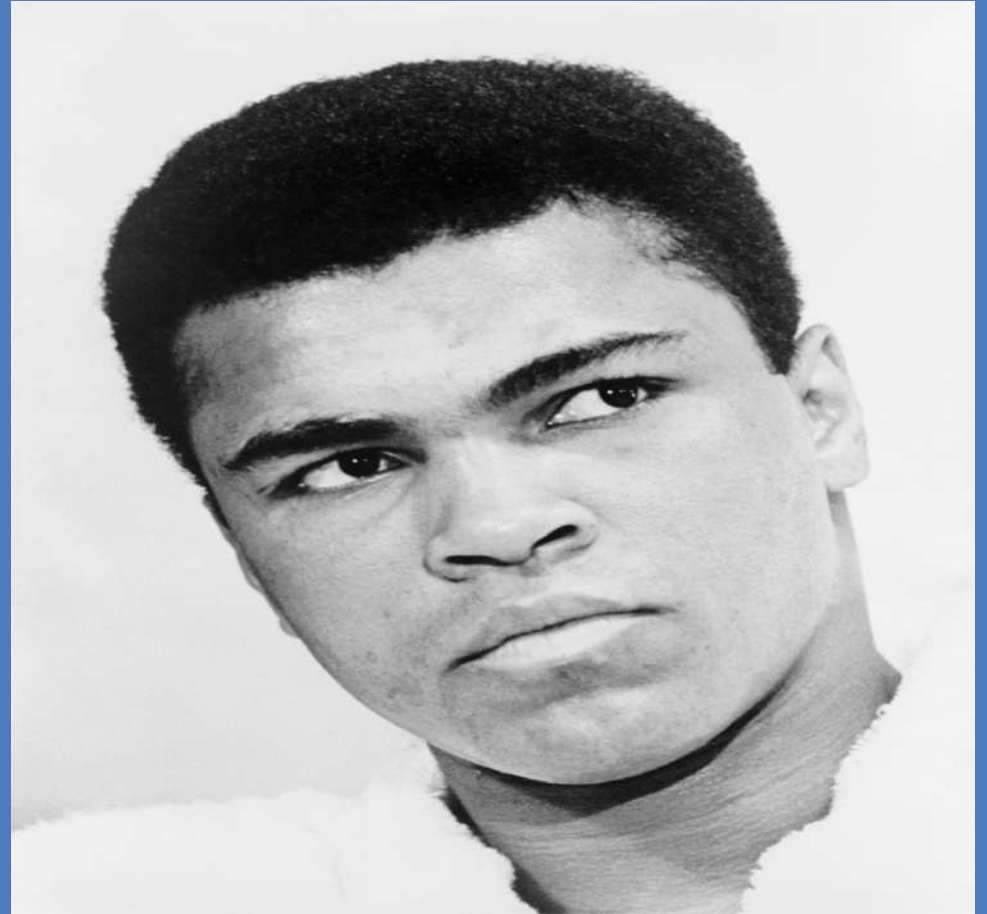
Summary

- It really is an emergency....
- Action and the timing of action really matters
- We have the power to start making changes, persuade others and lobby for more...
- Our children and future generations are counting on us...to date we've not met the mark...



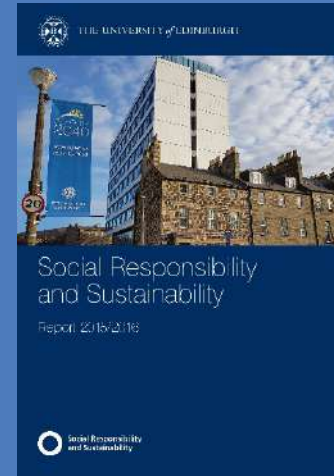
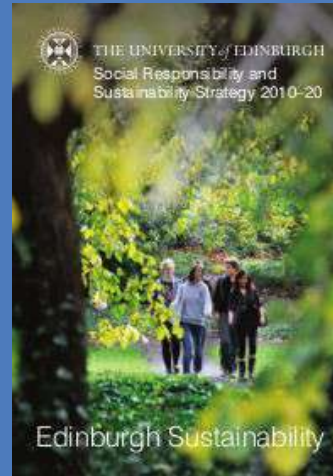
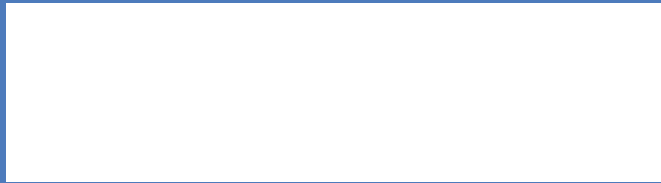
World's Shortest Poem?

- Me...We...



Questions?

Dave.Gorman@ed.ac.uk



www.ed.ac.uk/sustainability



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Thank You, Team Finance!



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