

# HOT MESS



*“A person or thing that is spectacularly unsuccessful or disordered, especially one that is a source of peculiar fascination”*



**NORFARKE**  
Es ist gut



**WELCOME TO**  
**NAAAH-RITCH**

A ROIGHT NICE CITY BUH

TWINNED WITH  
ROUEN KOBLENZ NOVISAD

# Introducing Norwich, the City of Stories

The City of Stories

Arts  
Entertainment  
Literature  
Food  
Attractions  
History



*“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...”***

# Drivers hit by heavy delays after 'human waste' spills onto A47



Sean Galea-Pace



Published: 10:13 AM October 18, 2022



*“It was the epoch of incredulity...”*



***“It was the season of Light...”***



***“It was the season of Darkness...”***

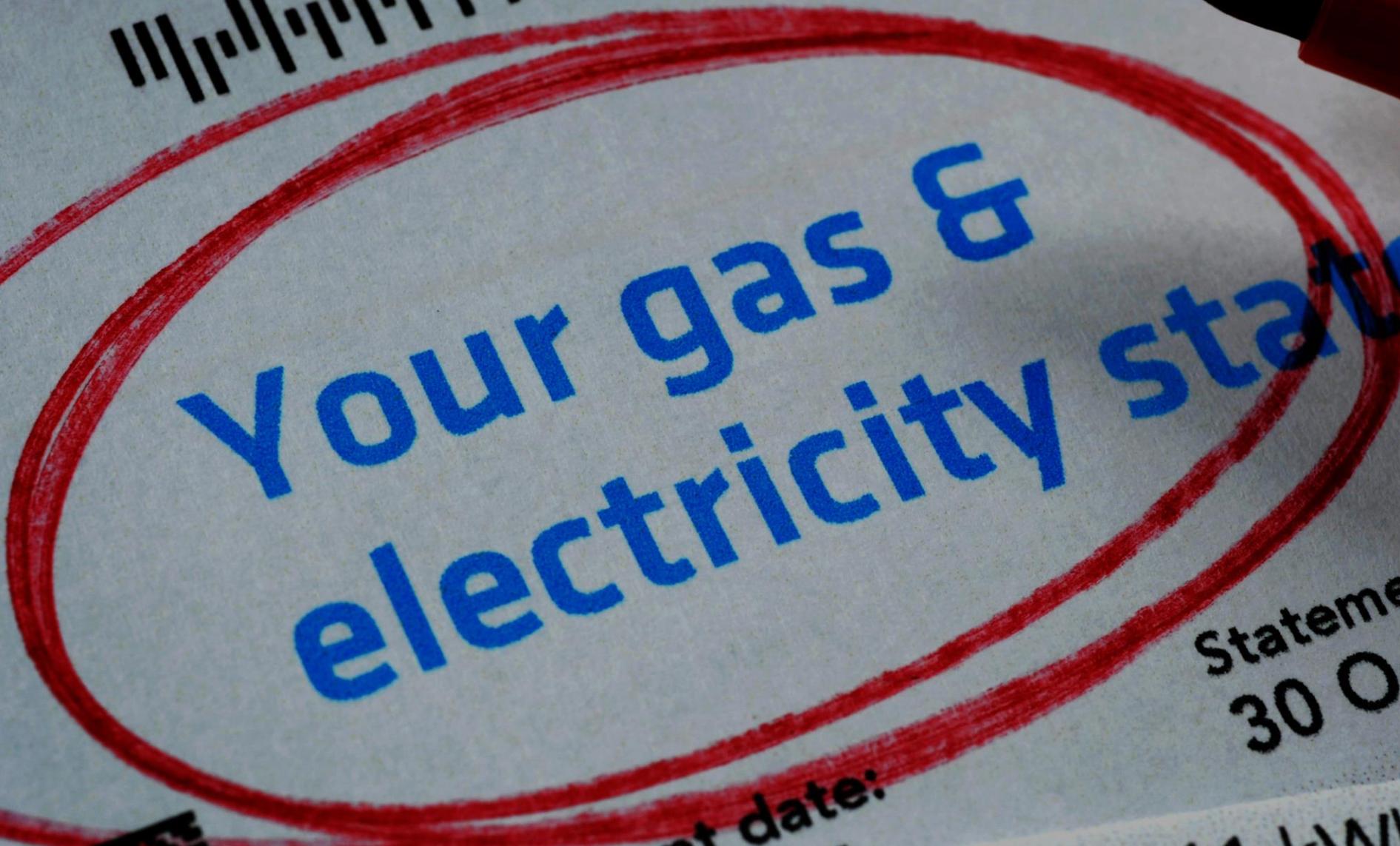


*“It was the spring of hope...”*

W

K

Your gas &  
electricity statement



Statement period  
30 Oct 20

Statement date:

411 kWh x 8.490p

of electricity

*“It was the winter of despair...”*



WE ARE  
**PREMIER LEAGUE**

*“We had everything before us...”*

# Norwich City relegated from Premier League for record sixth time after defeat to Aston Villa

By John Percy AT VILLA PARK and Tamara Prens

30 April 2022 • 6:14pm

Related Topics

Norwich City FC, Premier League live, Aston Villa FC, Premier League





***“We were all going direct to Heaven...”***



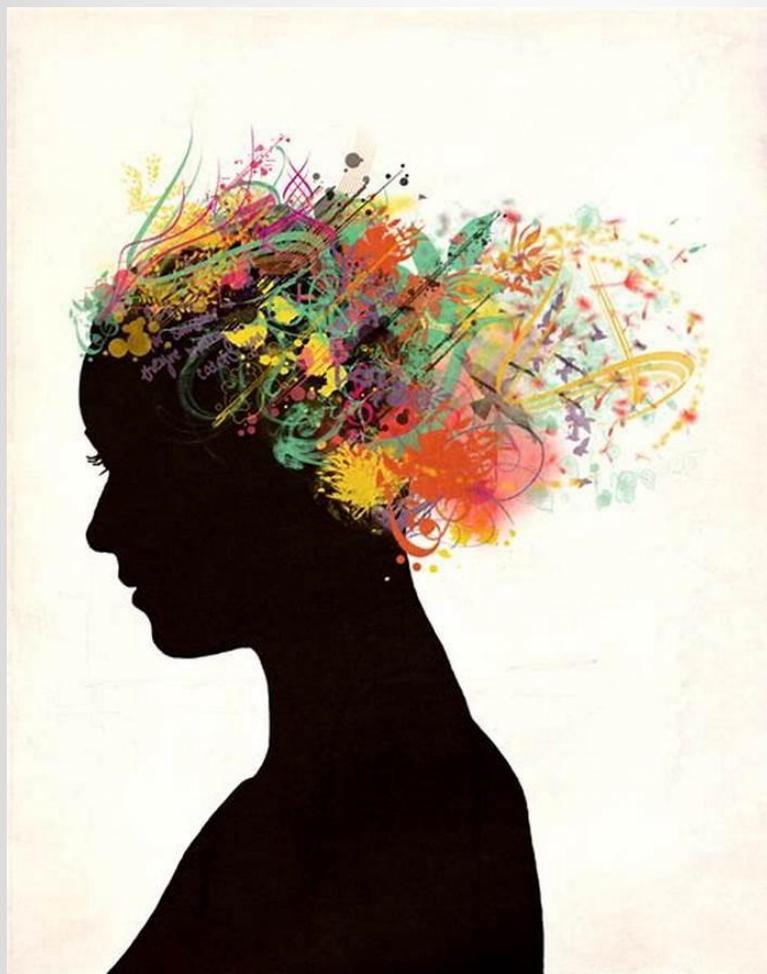
***“We were all going direct the other way...”***



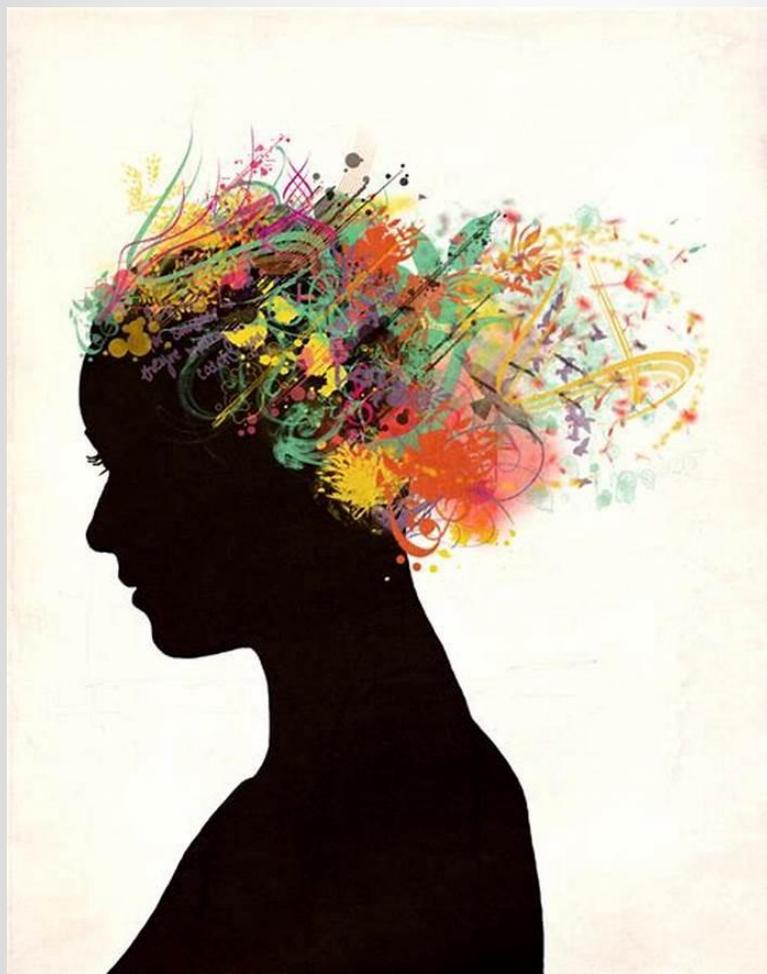
## Origin



Old English, via Old French and ecclesiastical Latin from Greek *apokalupsis*, from *apokaluptein* 'uncover, reveal', from *apo-* 'un-' + *kaluptein* 'to cover'.



Stretching the  
imagination of  
the possible



Hearing the  
real questions  
the future is  
asking you

# JON RICHARDSON AND THE FUTURENAUTS





HOW F\*\*\*ED ARE WE?

# The Economist

Race and college

What will Lula do?

Big tech falls to earth

China's Taiwan-ready generals

NOVEMBER 5TH-11TH 2022

## SAY GOODBYE TO 1.5°C

Why climate policy is off target



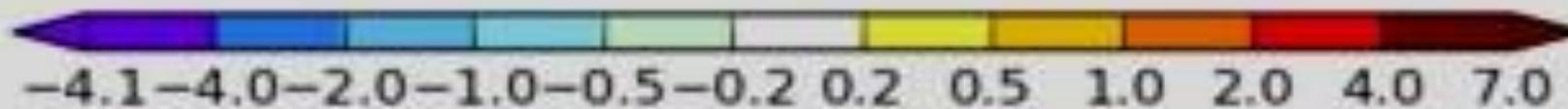
# TEMPERATURES WILL KEEP RISING

*+1.1°C since 1850*

*+1.5°C by 2040 (in all scenarios)*

*Past 8 years hottest on record*

*+2°C by end of century*

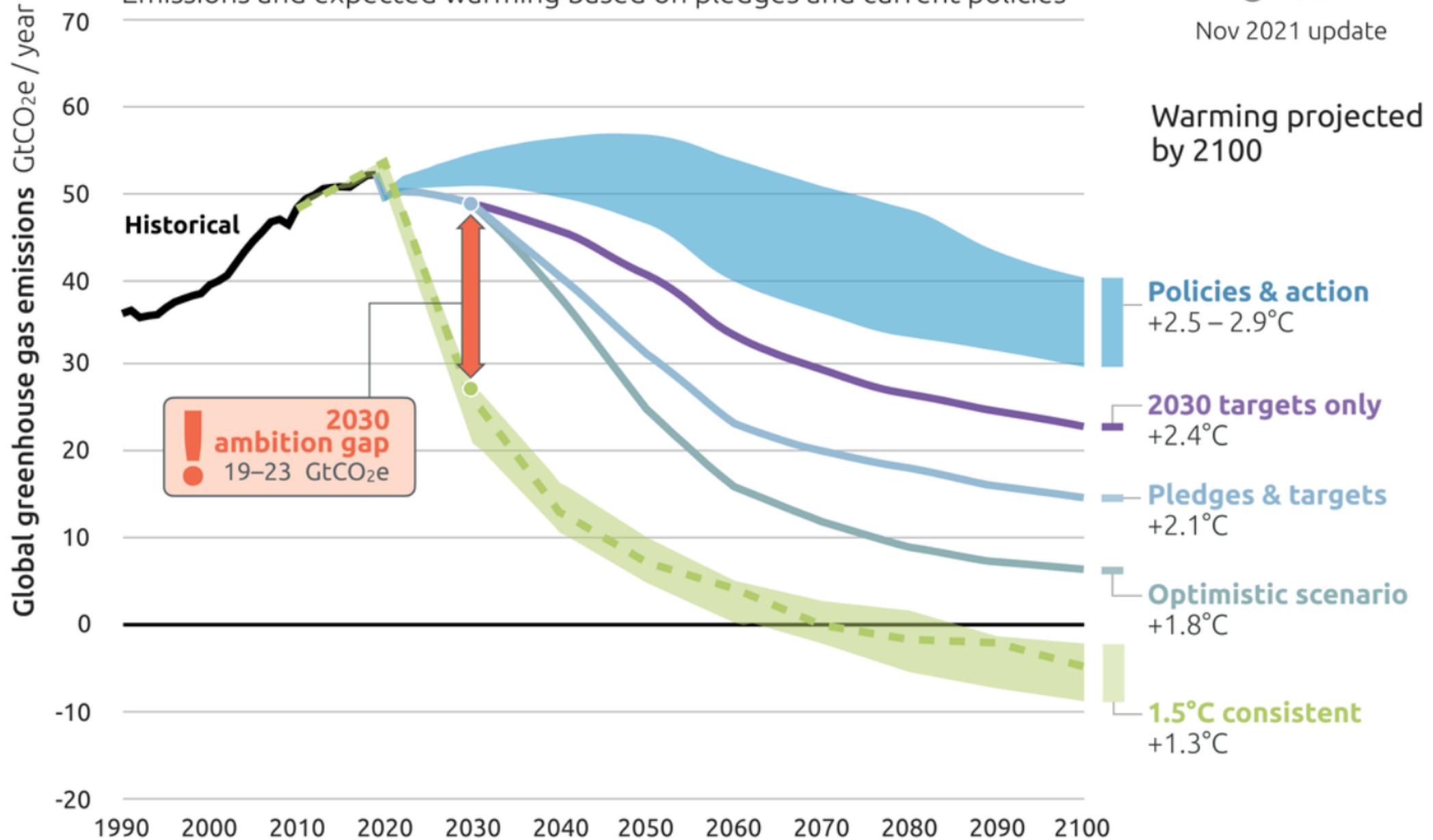


# 2100 WARMING PROJECTIONS

Emissions and expected warming based on pledges and current policies



Nov 2021 update



A photograph of Antonio Guterres, the UN Secretary-General, wearing a dark suit, white shirt, and blue patterned tie. He is looking down and to the right with a serious expression, his hands are clasped in front of him. The background is a plain, light grey.

*“We are on a pathway to global warming of **more than double** the 1.5°C limit agreed in Paris.*

*Some Government and business leaders are saying one thing, but doing another.*

*Simply put, **they are lying**. And the results will be catastrophic.*

***Delay is death”***

Antonio Guterres  
UN Secretary-General



# AC/DC

ATL 11 321 N



## Highway To Hell

**If You Want Blood  
(You've Got it)**

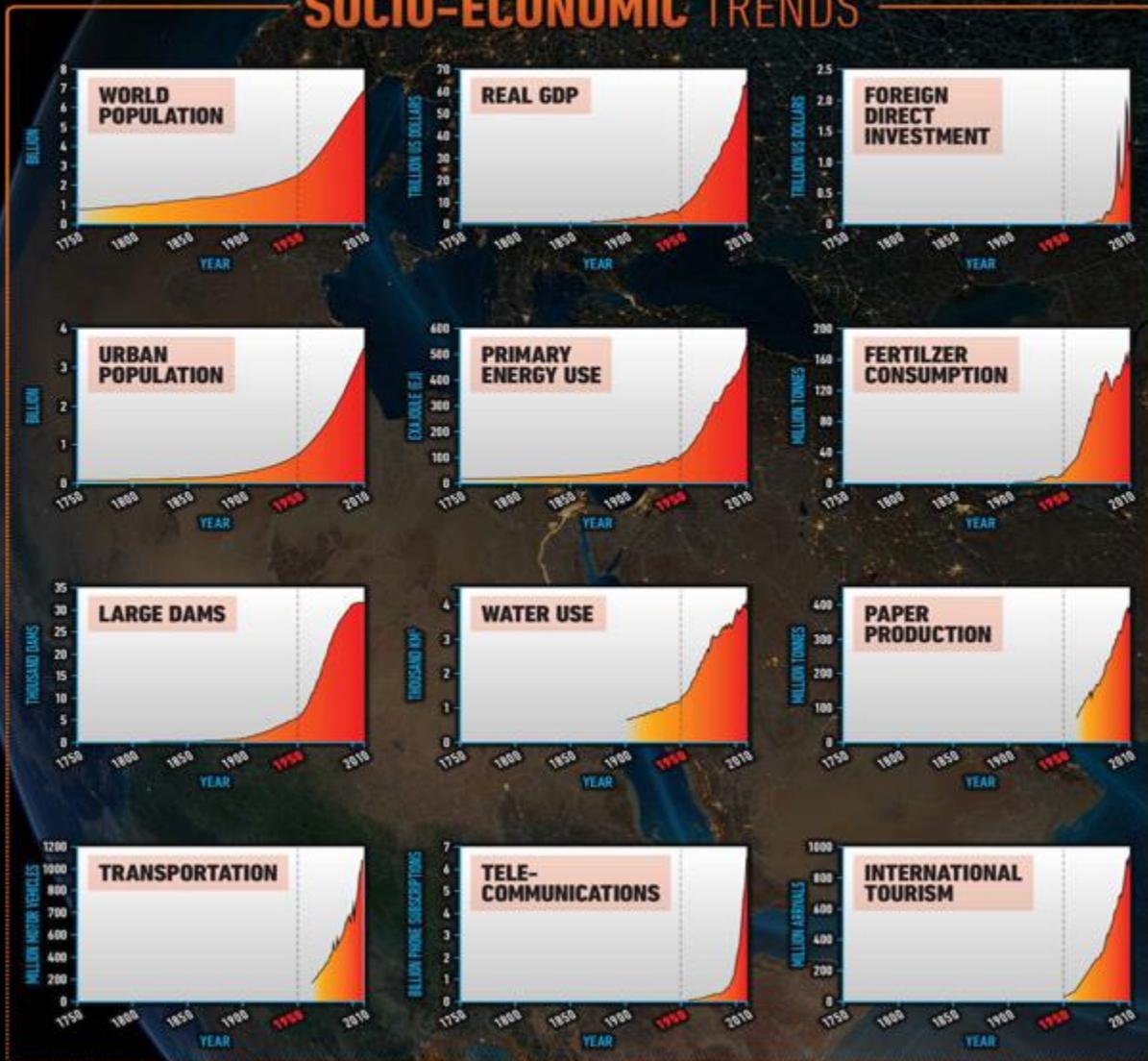
From the album  
"HIGHWAY TO HELL" ATL 50 628-Z JUL '79



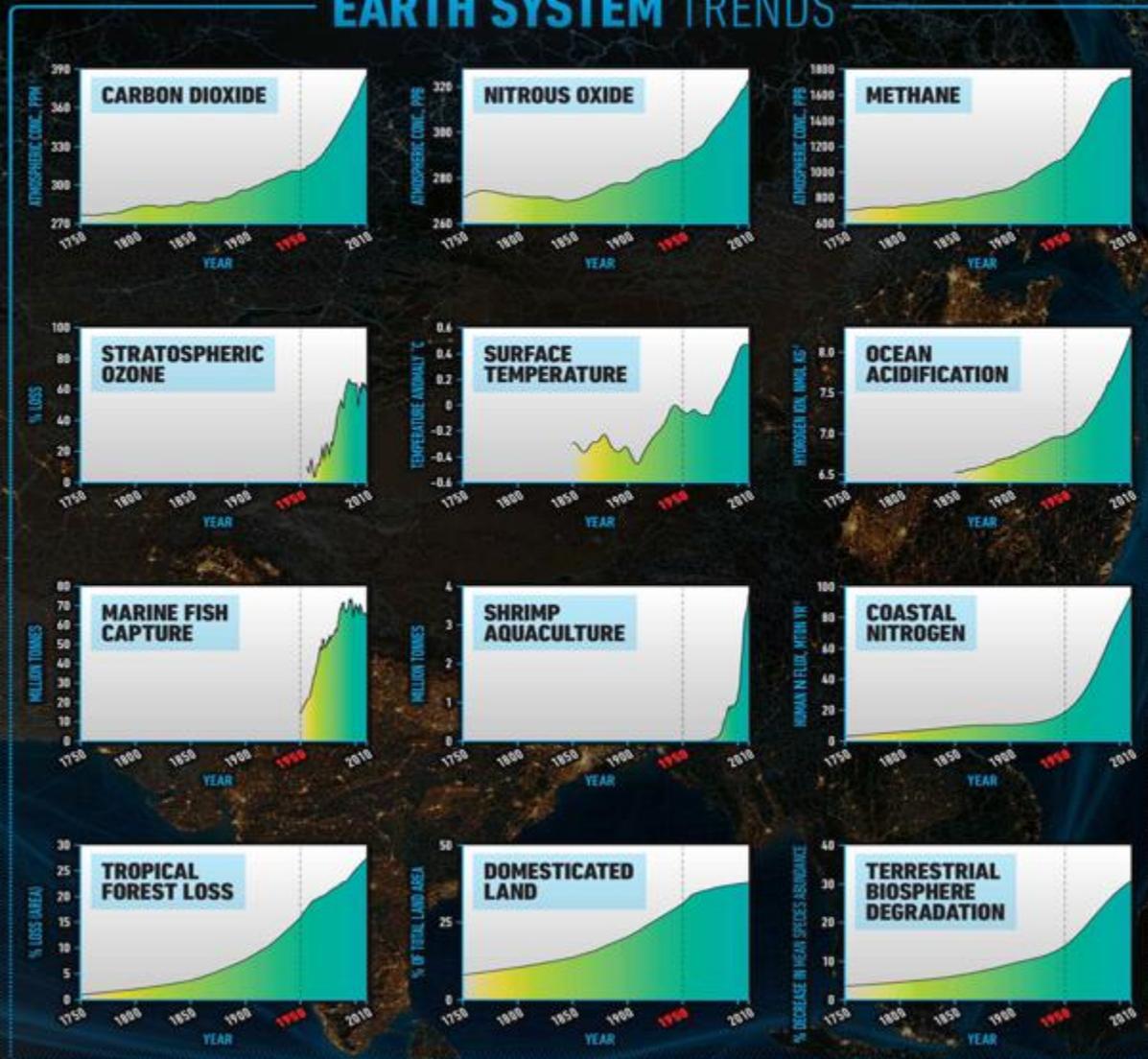
**WHY ARE WE F\*\*\*ED?**

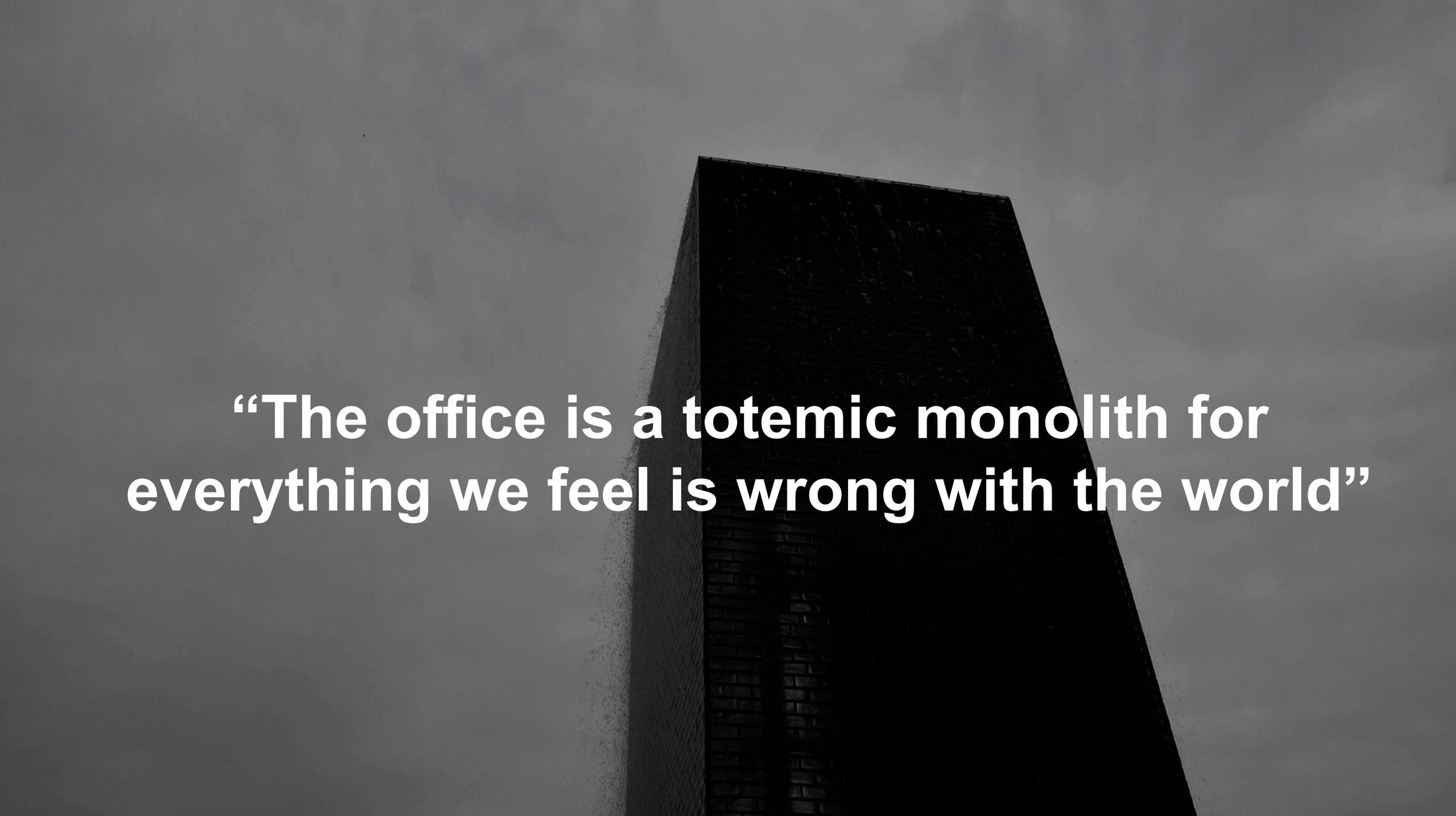
# THE GREAT ACCELERATION

## SOCIO-ECONOMIC TRENDS



## EARTH SYSTEM TRENDS



A low-angle, black and white photograph of a tall, dark, rectangular building against a grey, overcast sky. The building's surface appears to be made of brick or stone, with some texture visible. The perspective is from below, looking up at the building's corner.

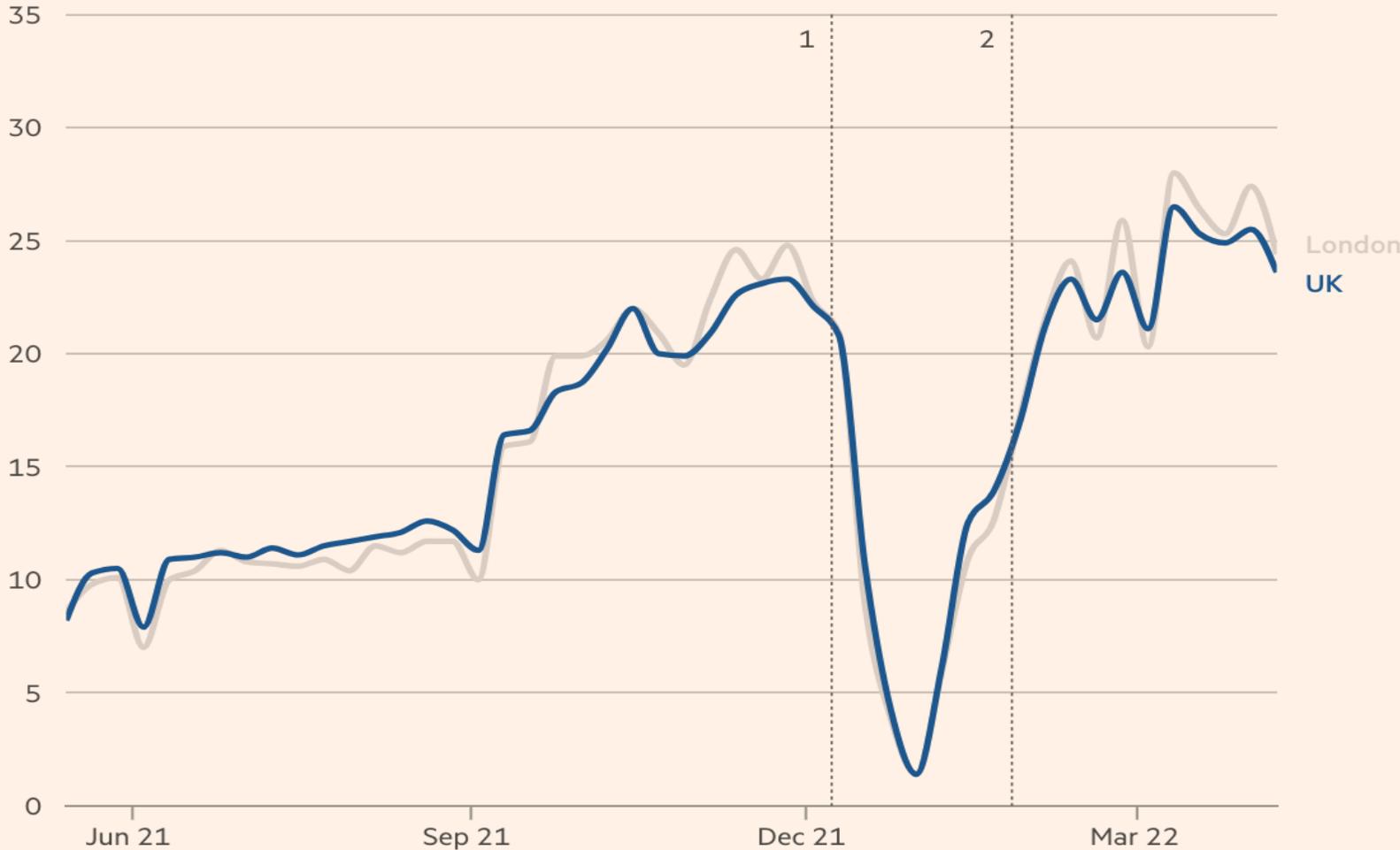
**“The office is a totemic monolith for everything we feel is wrong with the world”**

UK offices are currently at around a quarter of their capacity...



Average capacity reached in office buildings, %

- 1 'Plan B' work from home begins in England
- 2 Covid restrictions including work from home order lifted in England



***“People are not giving up their Covid won rights easily”***

# City workers are avoiding Mondays and Fridays in the office

Weekday journeys to and from City of London Tube stations, as a % of max on Thursdays

Last three weeks

Monday



Tuesday



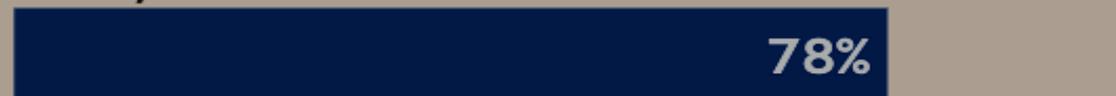
Wednesday



Thursday



Friday



Pre-pandemic

Monday



Tuesday



Wednesday



Thursday



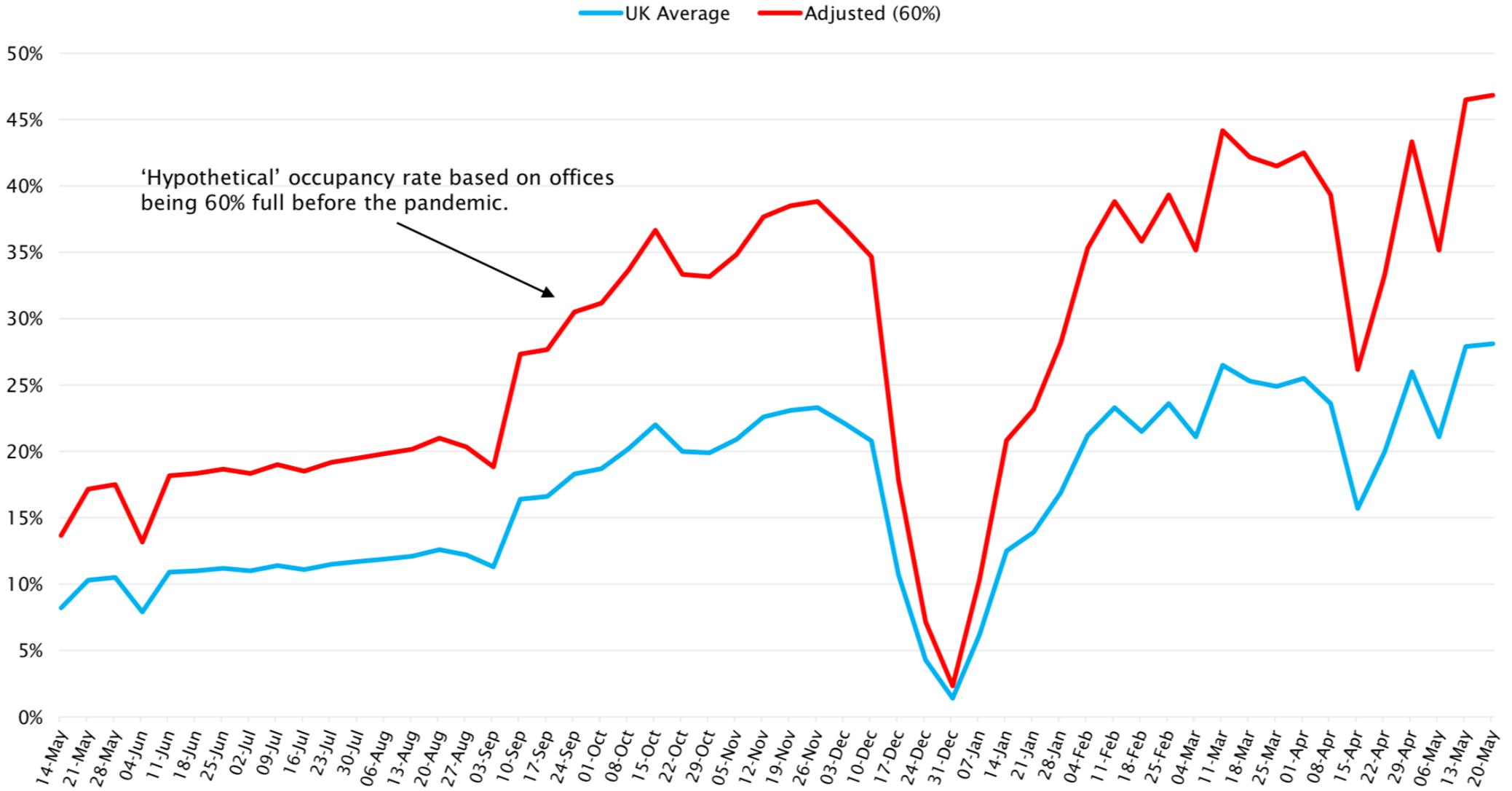
Friday



“WE’RE ALL  
TWATS NOW”

# ReTurn - Report - 25/05

## National Average Office Occupancy



Dates relate to the week ending Friday.

pwc



**Lord Sugar** ✓  
@Lord\_Sugar



This is a bloody joke. The lazy gits make me sick. Call me old fashioned but all this work from home BS is a total joke. There is no way people work as hard or productive as when they had to turn up at a work location. The pandemic has had long lasting negative effect.

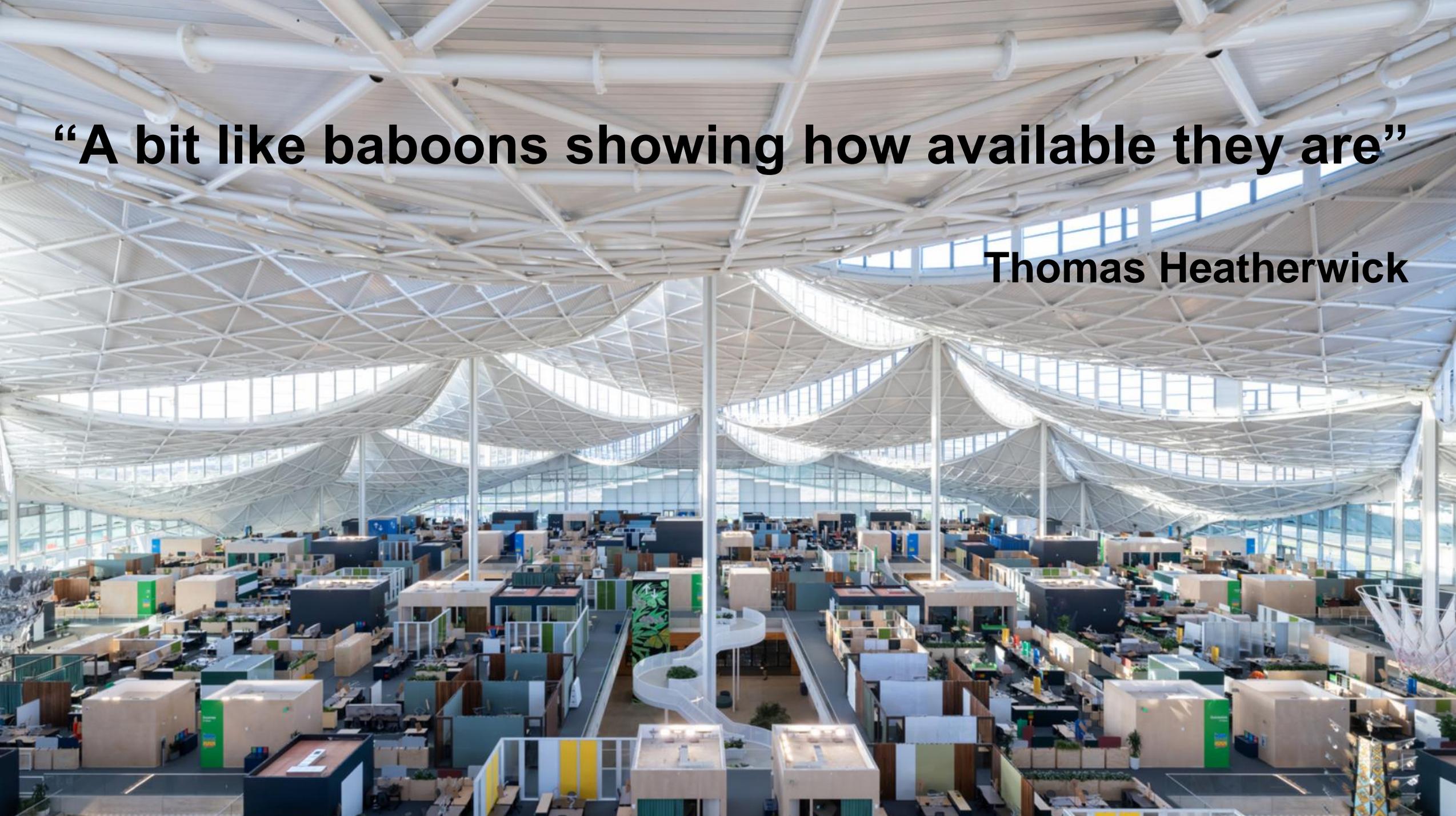
*“Come back to the office, or pretend to work somewhere else...and you’re fired!”*

Elon Musk



**“A bit like baboons showing how available they are”**

**Thomas Heatherwick**





“The space also has a long table where employees can collaborate when necessary...”

Thomas Heatherwick





**PWC ‘Batwing’ – massively OVER-specced!**

# Why British offices are the worst in the world

A study of 17 countries has found British office workers suffer the most for their salaries - and it's all to do with cold and ugly open-plan design



📷 Too much noise, too cold and no satisfaction: life in the British office. Photograph: Alamy

the  
office

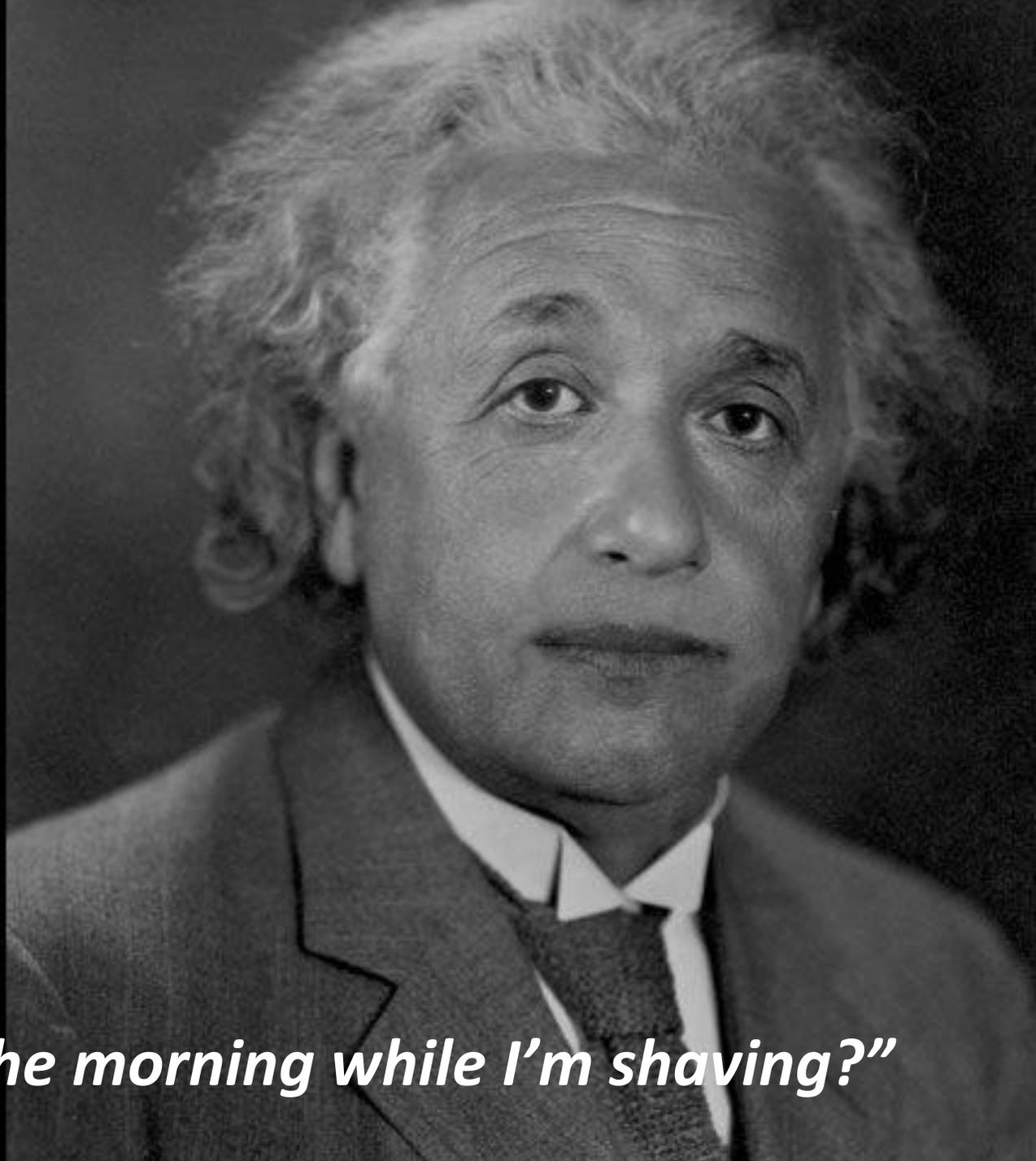
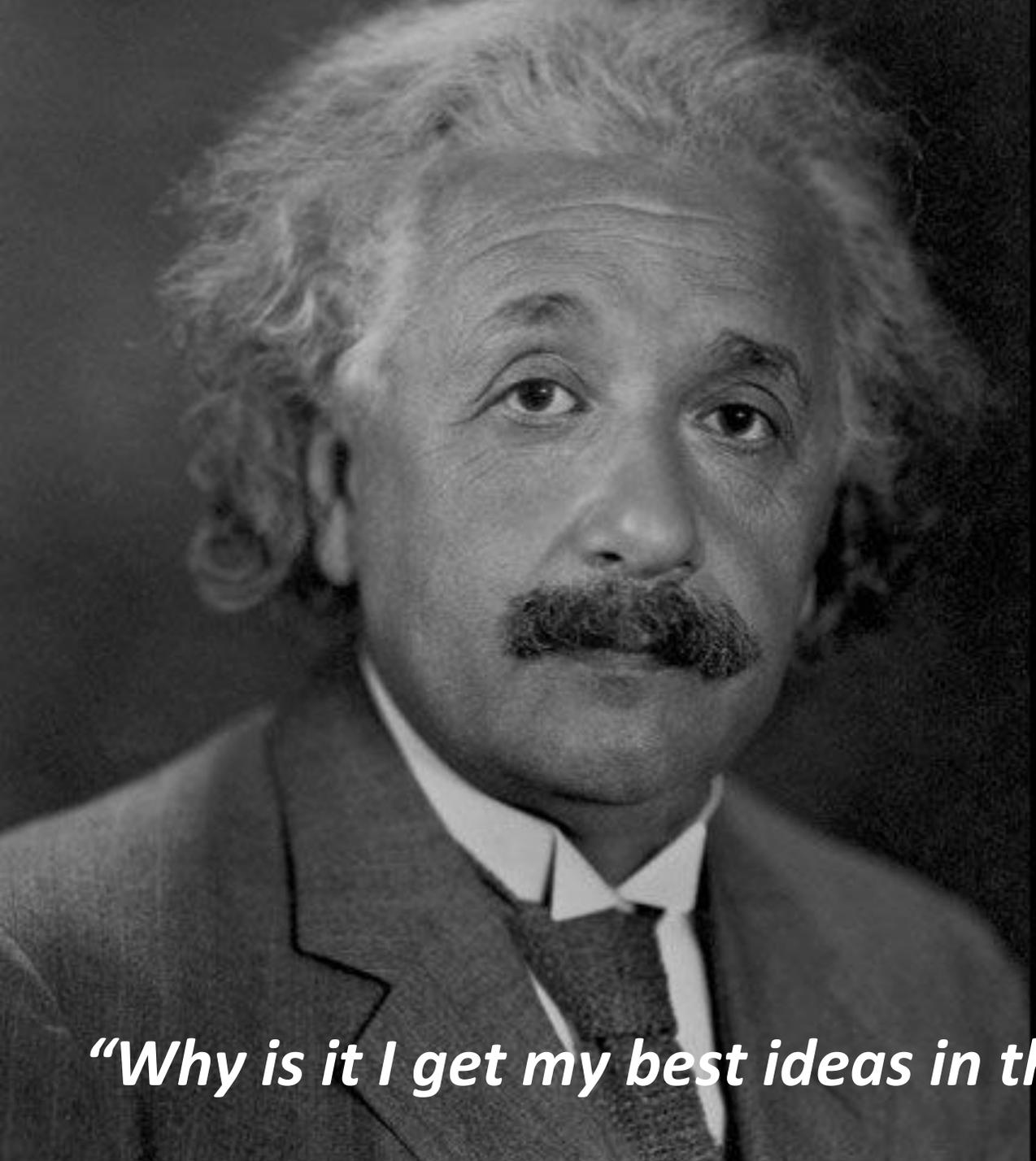




**BIG TRAIN: "no w@nking in the office"**

“AI Desko”





*“Why is it I get my best ideas in the morning while I’m shaving?”*



**72% of people get their best ideas in the shower**

# HOME is...

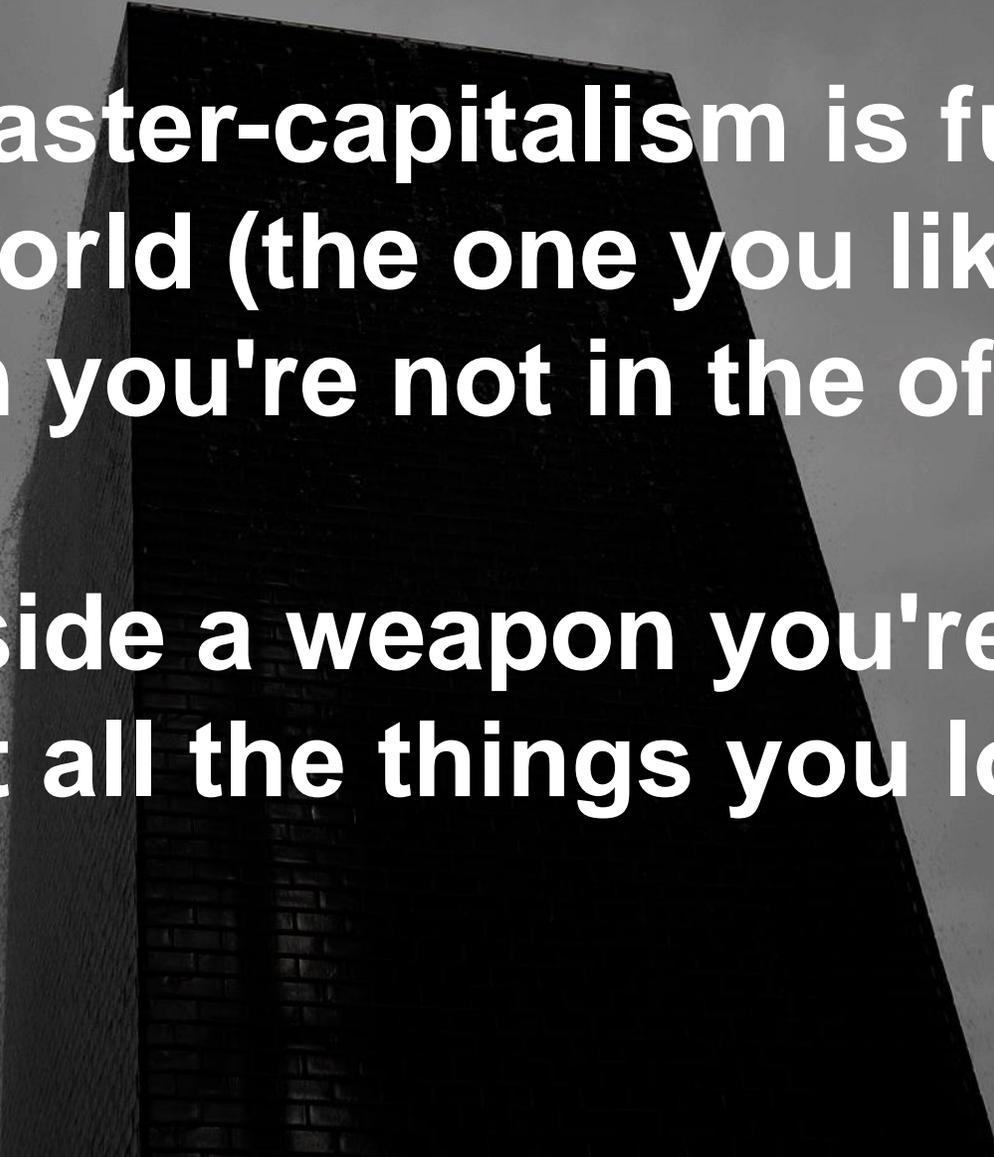
1. A safe space
2. An autonomous space
3. A creative space
4. A place of 'automatic' tasks
5. Where you sleep
6. Where you do your hobbies
7. Where your memories are
8. NOT the office!



A close-up photograph of Chris de Burgh speaking into a black microphone. He has dark hair and is wearing a blue and red striped shirt. The background is dark blue. The word 'kultur' is visible in the top left corner.

kultur

**“Office life is the  
Chris de Burgh of  
buildings...soulless”**



**“Your totem to disaster-capitalism is fucking the rest of the world (the one you like to escape into when you're not in the office).**

**It's like working inside a weapon you're being asked to point at all the things you love”**



HALSBURY

Tel : 01508 521500

info@halsburyhomes.com

OUR  
HOMES

BUYING WITH  
HALSBURY

OUR  
STORY

CLASSICAL  
ARCHITECTURE

LATEST  
NEWS

GET IN  
TOUCH

**800,000 new houses built since Zero Carbon Homes Bill axed in 2015**

ST  
GEORGE'S  
PARK

THE ONLY  
THING THAT  
SHOULD BE  
RISING IS  
THE PEOPLE

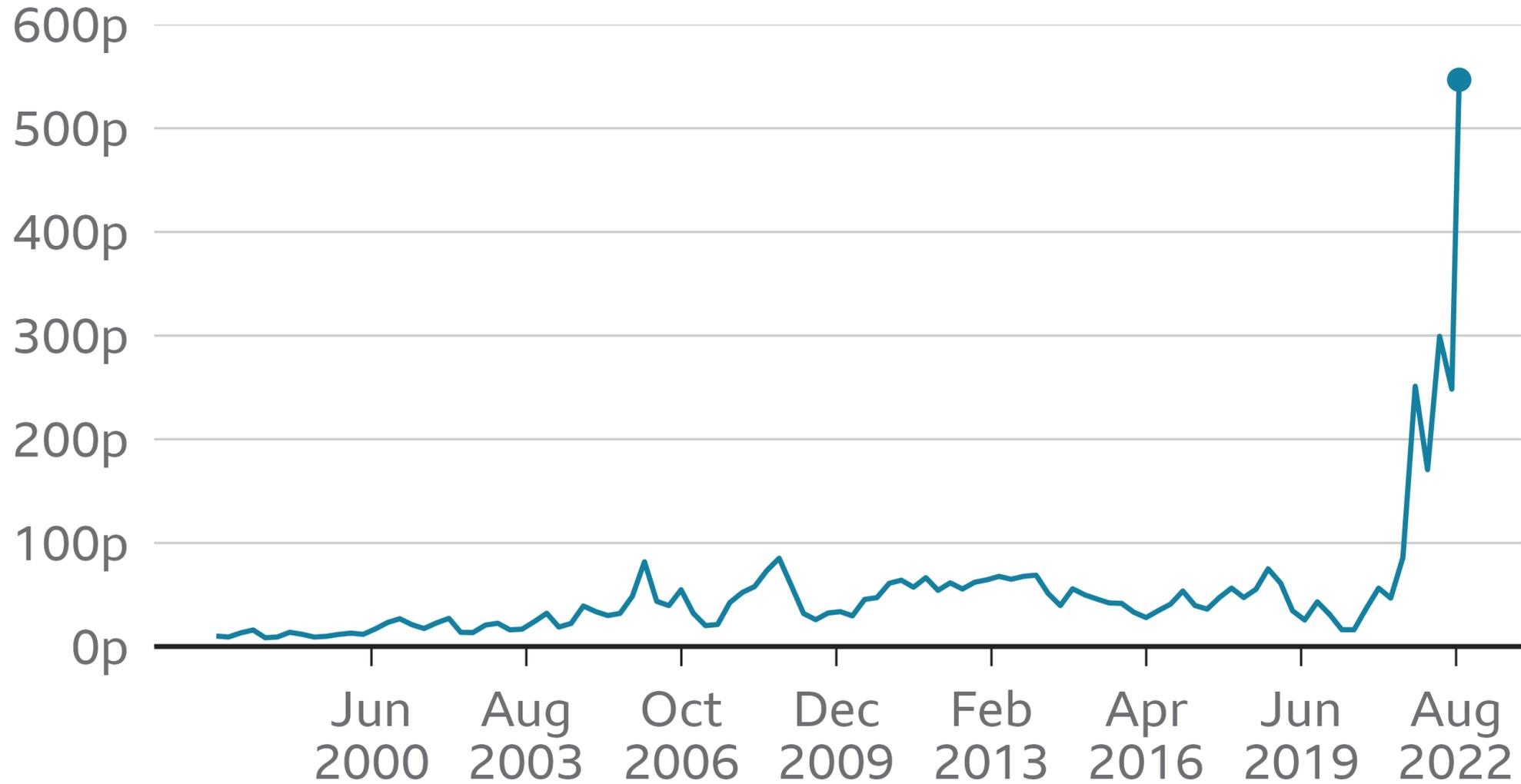
STAND UP  
TO RACISM  
Say it loud  
Say it clear  
Refugees  
welcomed

Stop the War  
Coalition



# Gas prices are still rising **...and are the highest they've EVER been**

Daily price of UK gas futures



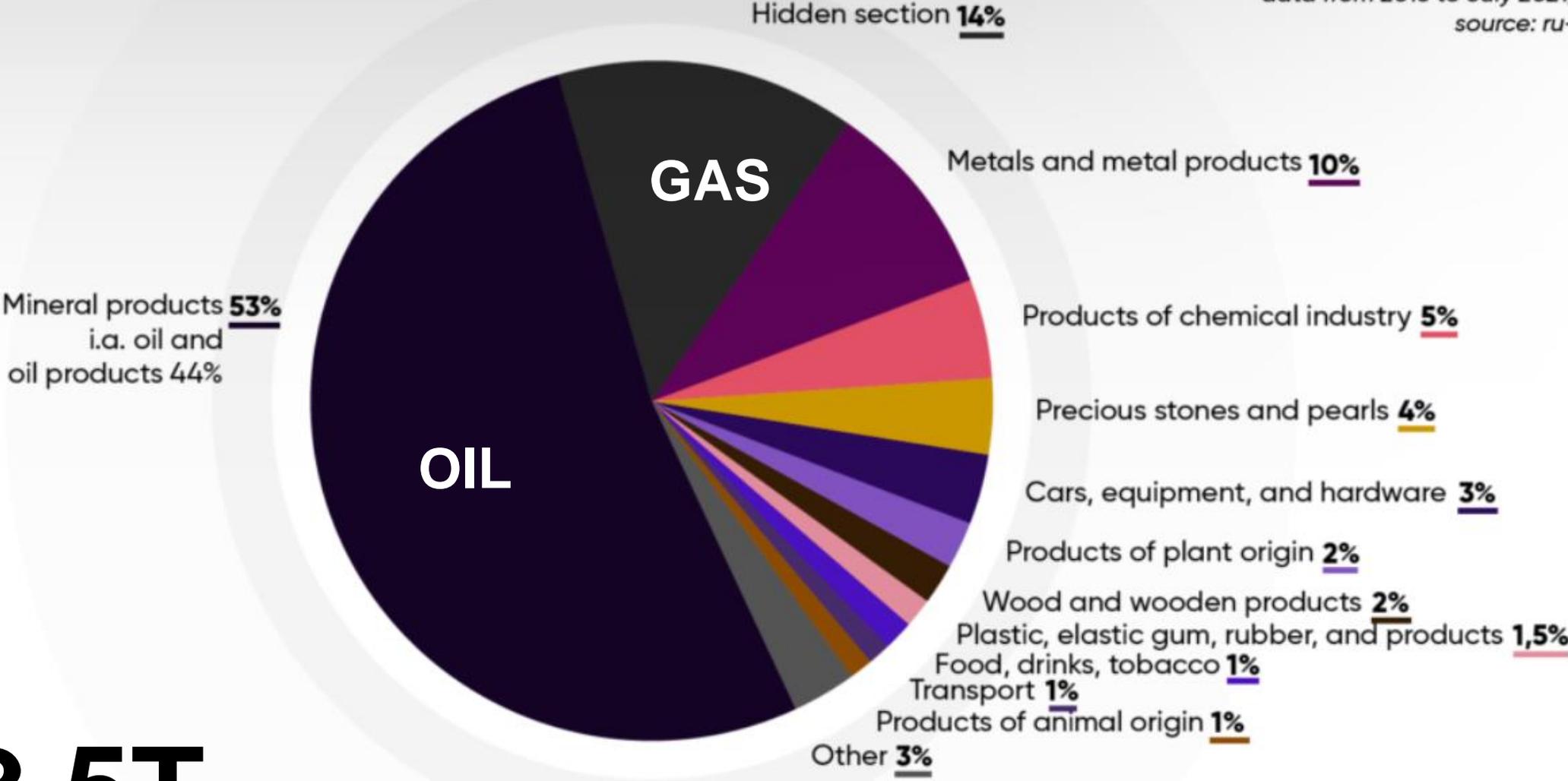
Source: Bloomberg



# WHAT RUSSIA SELLS ABROAD



data from 2013 to July 2021, inclusive  
source: ru-stat.com



**\$3.5T**

**Greenhouse gas  
emissions**

# British banks finance 805m tonnes of CO2 production a year

**Emissions from projects and companies backed by the City are nearly double those of the UK**

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**Kalyeena  
Makortoff**  
*Banking  
correspondent*

🐦 @kalyeena

Tue 25 May 2021 07.01  
BST



▲ If the City of London were a country it would rank as the world's ninth highest CO2 emitter, when the results of investments are taken into account, according to Greenpeace and the WWF. Photograph: Bloomberg/Getty Images

[Home](#) > [Environment](#) > [Climate change and energy](#)

Press release

# **UK enshrines new target in law to slash emissions by 78% by 2035**

The UK's sixth Carbon Budget will incorporate the UK's share of international aviation and shipping emissions for the first time, to bring the UK more than three-quarters of the way to net zero by 2050.

Press release: 18 July 2022

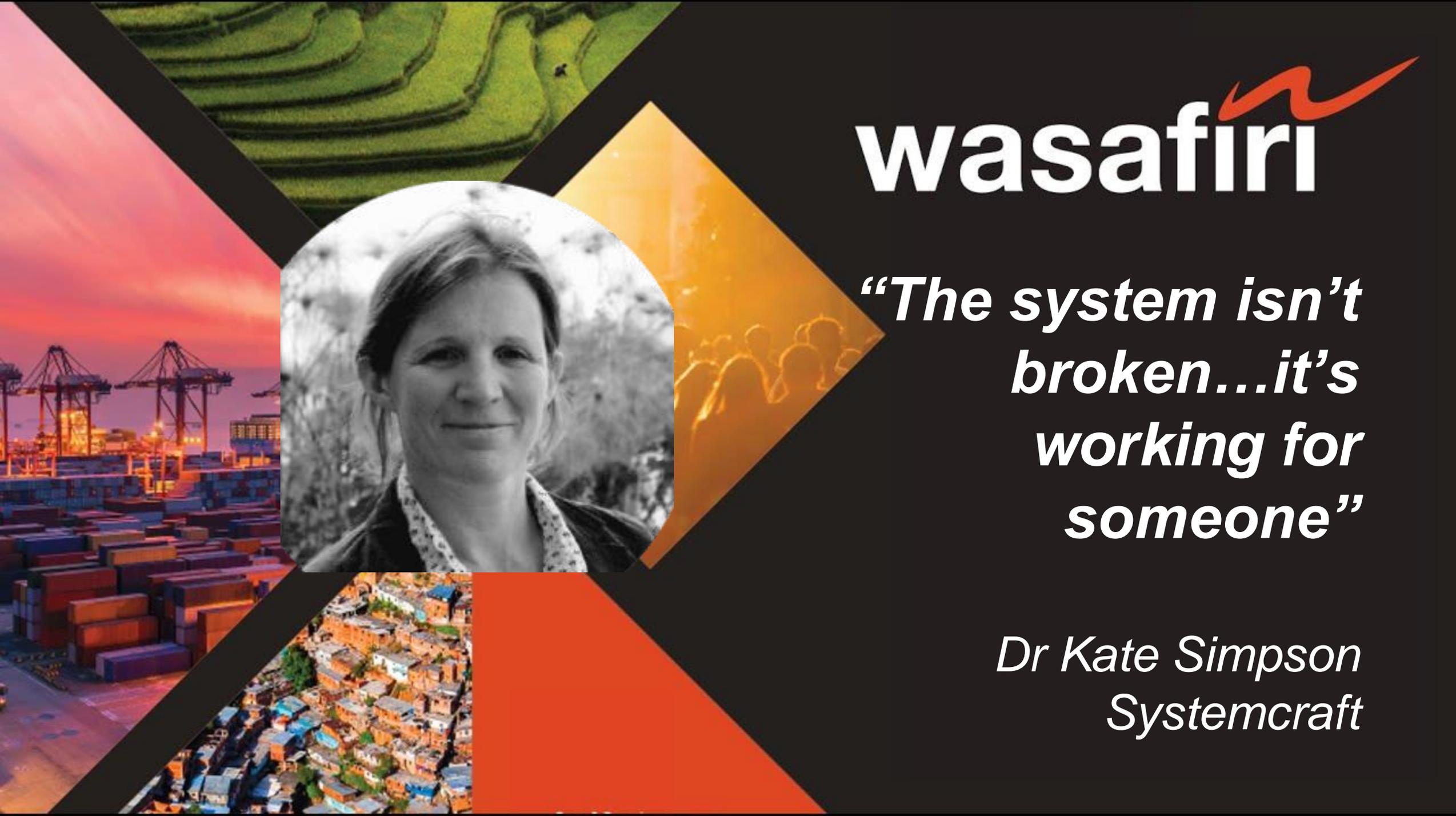
# Historic High Court ruling finds UK government's climate strategy 'unlawful'

In a landmark victory for climate justice that comes as the UK faces its hottest day on record, the High Court has ruled that the government's Net Zero Strategy breaches the Climate Change Act.

The three legal challenges brought by ClientEarth, Friends of the Earth, Good Law Project and environmental campaigner Jo Wheatley, were heard together at the Royal Courts of Justice in June.

In a judgment published today – amid the Met Office's first ever red alert for extreme heat – Mr Justice Holgate finds that the Net Zero Strategy, which sets out plans to decarbonise the economy, doesn't meet the government's obligations under the Climate Change Act to produce detailed climate policies that show how the UK's legally-binding carbon budgets will be met.

It also finds that parliament and the public were effectively kept in the dark about a shortfall in meeting a key target to cut emissions.



# wasafiri

*“The system isn’t  
broken...it’s  
working for  
someone”*

*Dr Kate Simpson  
Systemcraft*

# ZEMBLANITY

*“Making unhappy, unlucky discoveries...by design”*



**HOW DO WE UNF\*\*\* OURSELVES?**



WHAT IF



**PROSPERITY**  
*successful*  
*flourishing*  
*thriving*

Image: Nivanh Chanthara

***“The best way to give effective and lasting protection from climate chaos is through action that addresses inequities such as those based on gender, ethnicity, disability, age, location and income”***

**IPCC 28.2.22**

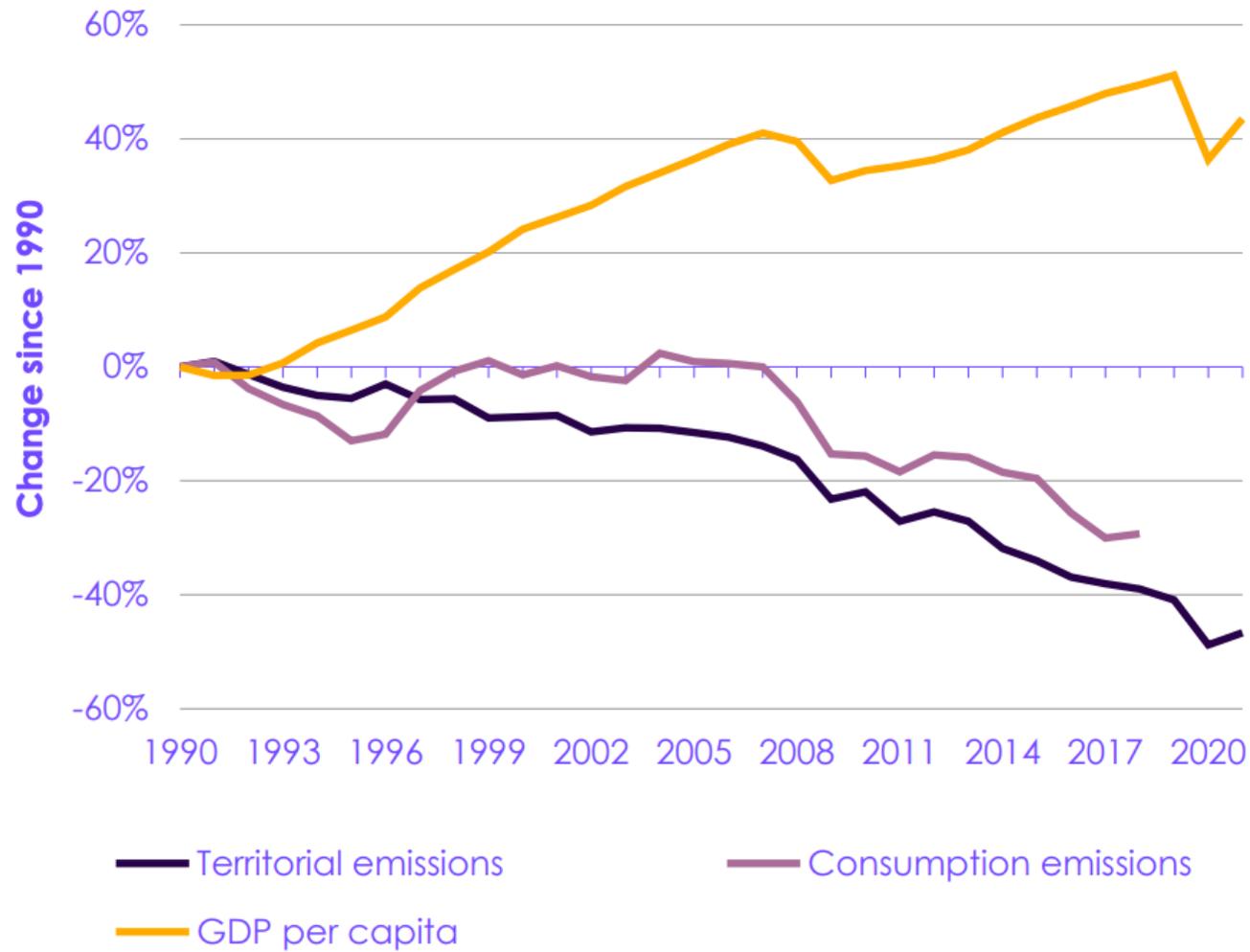
# THE RACE TO NET ZERO

*“The destination is agreed, it’s only how fast we get there that is up for debate”*





# The UK's historical emissions and GDP



Source: BEIS (2022) *Provisional UK greenhouse gas emissions national statistics 2021*; BEIS (2022) *Final UK greenhouse gas emissions national statistics: 1990 to 2020*; Defra (2021) *UK's Carbon Footprint 1997-2018*; ONS (2022) *GDP & population data*; CCC analysis.



# Change in UK emissions 2019-2021



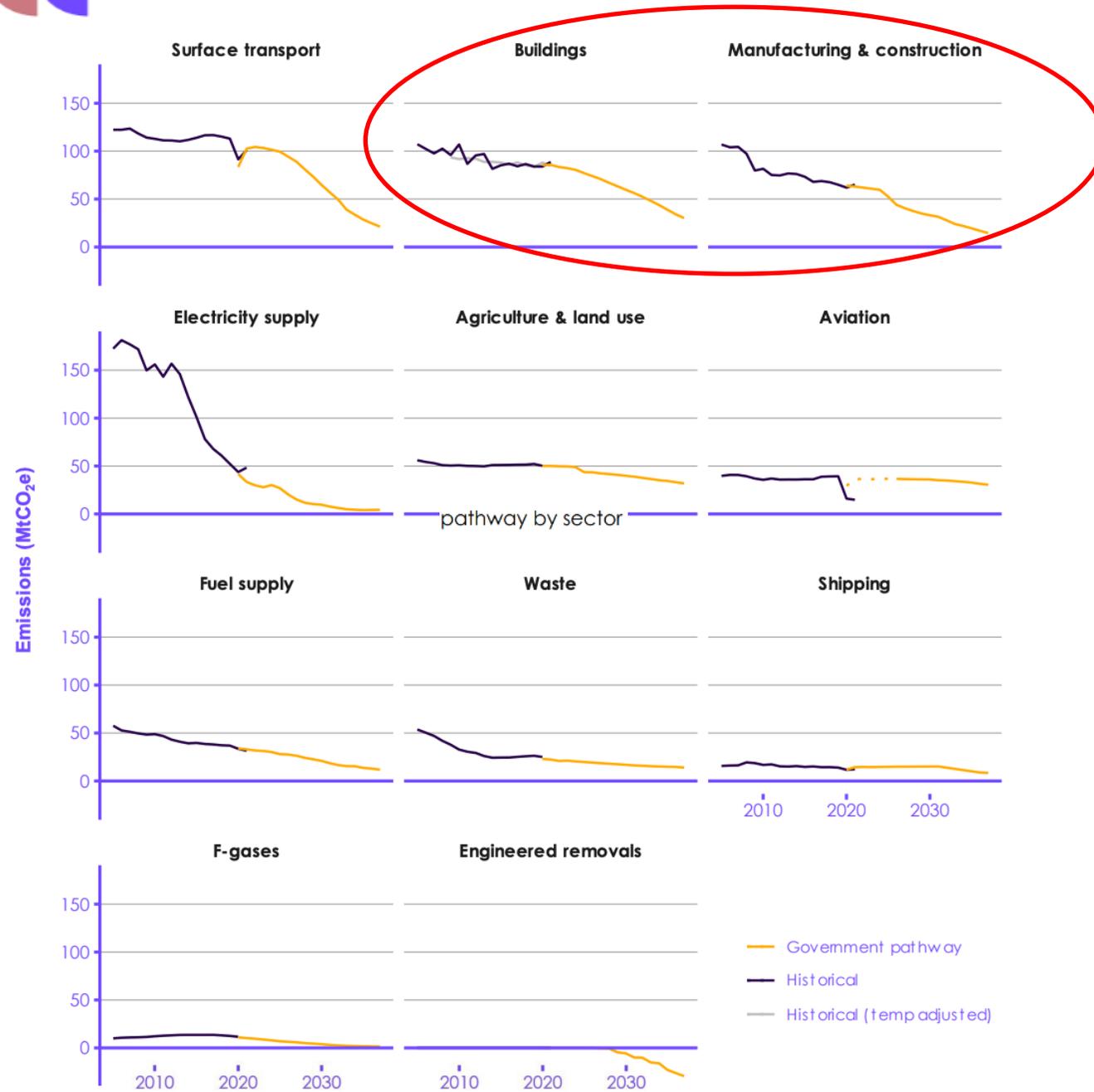
Source: BEIS (2022) *Provisional UK greenhouse gas emissions national statistics 2021*; BEIS (2022) *Final UK greenhouse gas emissions national statistics*; BEIS (2022) *Energy Trends: UK oil and oil products March 2022*; CCC analysis.

Notes: Global warming potentials from the IPCC Fifth Assessment Report (AR5) without feedback are used.

\*Provisional 2021 estimates are not made for non-CO<sub>2</sub> greenhouse gases, so the change in 2021 agriculture and land use emissions is not shown.



# UK historical emissions compared to the Government's pathway by sector



Summary of progress against key indicators

Surface transport	Electricity supply	Buildings	Manufacturing and construction	Agriculture and land use
BEV car sales	Offshore wind, installed	Energy demand	Sector territorial emissions	Agriculture CH <sub>4</sub>
EV cars sales	Onshore wind, installed	Energy efficiency retrofits	Sector consumption emissions	Agriculture N <sub>2</sub> O
BEV van sales	Solar PV, installed	Non-res buildings energy intensity	Carbon intensity of energy	New woodland
EV van sales	Grid emissions intensity	Low-carbon heat supply	Material and product use	Woodland management
ICE car intensity	Unabated gas generation	Heat pump installations	Steel: energy efficiency	Peat restoration
ICE van intensity	Low-carbon flexible capacity	Heat pump costs	Paper: energy efficiency	Energy crops
Charge points	Nuclear	Electricity to gas price ratio	Low-carbon energy use	Farmer action
Car km	Flexible demand	Heat networks	Industrial hydrogen project pipeline	Crop yields
Van km	Onshore networks	Retrofit coordinators	Industrial CCS project pipeline	Livestock numbers
HGV km	Offshore networks	Willingness to replace boiler	Average embodied carbon of buildings	Meat consumption

Key:



On track

Slightly off track

Significantly off track



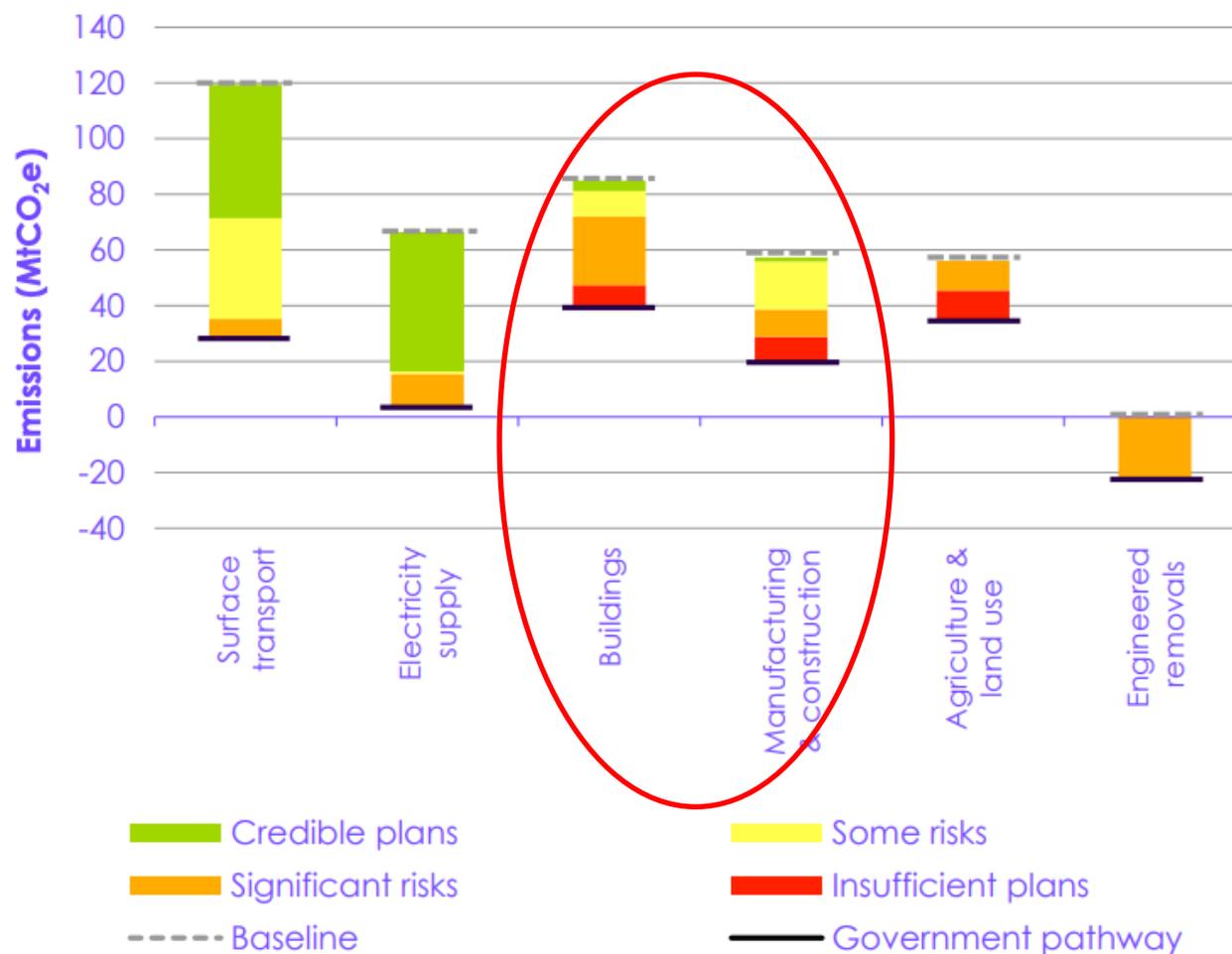
Too early to say

Data not reported

No benchmark or target



# Assessment of policies and plans in 2035 for key sectors



Source: CCC (2020) *The Sixth Carbon Budget*; BEIS (2021) *Net Zero Strategy: Build Back Greener*; DfT (2022) *Jet zero: further technical consultation*; BEIS (2021) *Energy and emissions projections: Net Zero Strategy baseline*; CCC analysis.

Notes: The baseline is an adjustment to the Government's Net Zero Strategy baseline, with the impact of some policies removed so that they can be assessed. Global warming potentials from AR5 without feedback are used.

Summary policy scorecard for sectors up to the Sixth Carbon Budget

Sector	Change in emissions: 2019-2035	Delivery mechanism and responsibilities	Funding and other incentives	Enablers in place / barriers overcome	Timeline for future policies	Overall sector assessment
Surface transport	-84 MtCO <sub>2</sub> e	G	Y	O	G	Y
Electricity supply	-48 MtCO <sub>2</sub> e	G	G	Y	Y	G
Manufacturing & construction	-45 MtCO <sub>2</sub> e	O	O	O	O	O
Buildings	-45 MtCO <sub>2</sub> e	O	O	O	O	O



Credible plans



Some risks



Significant risks



Insufficient plans



Not applicable

# The Rise of the New (Renewables) Pushes Out the Old (Fossil Fuels)

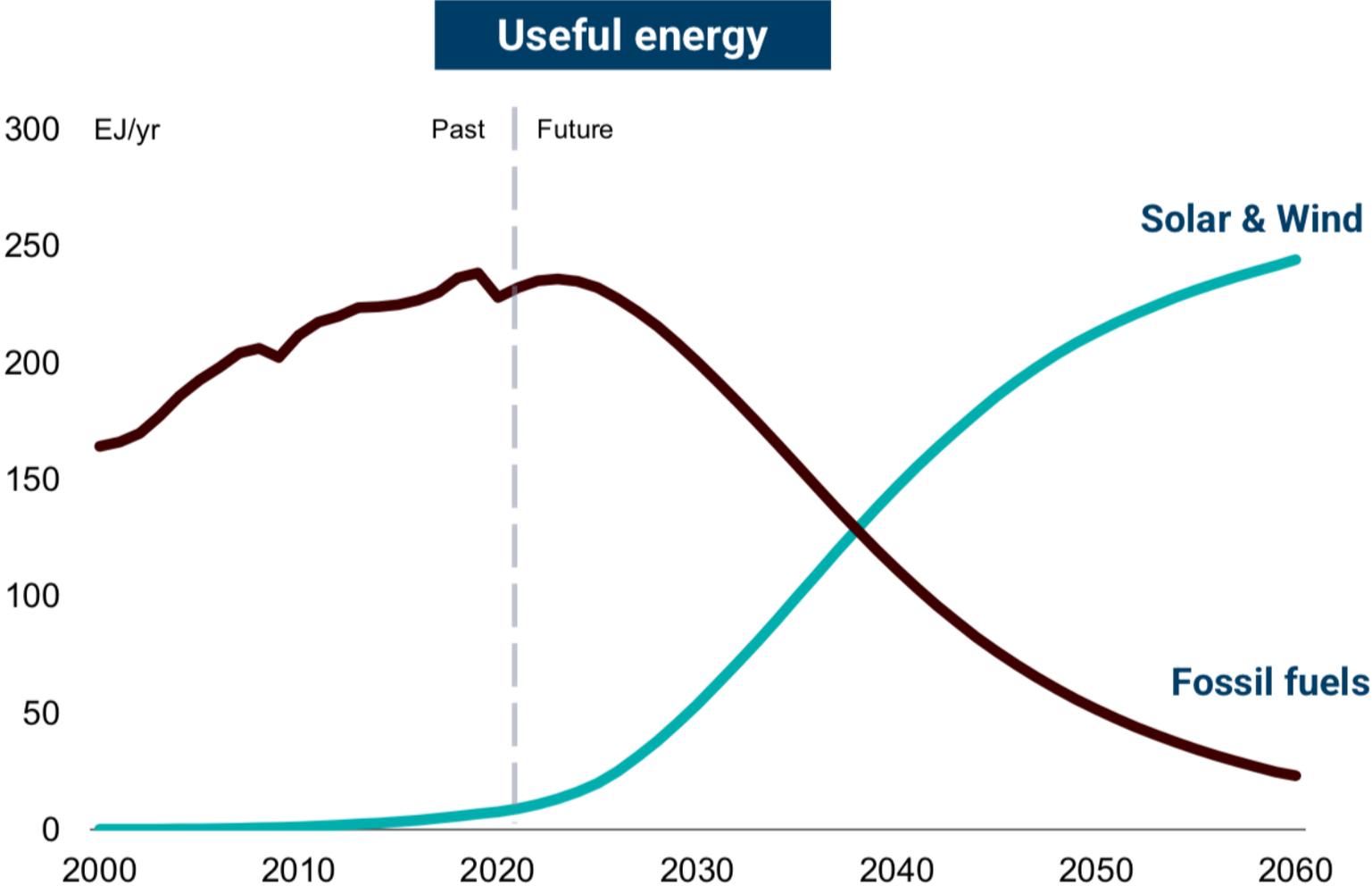
The new, not the old, sets the speed of change

The growth of renewables inevitably means a decline in demand for fossil fuels.

It is the new technology that sets the speed of change, not the old.

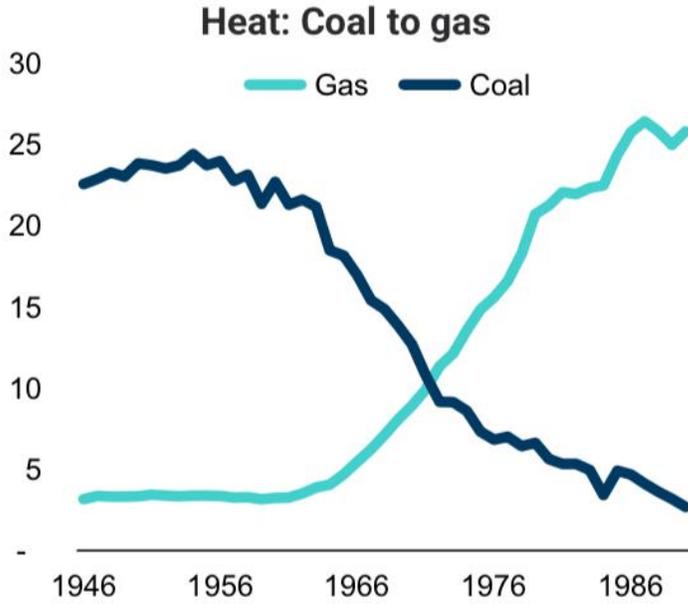
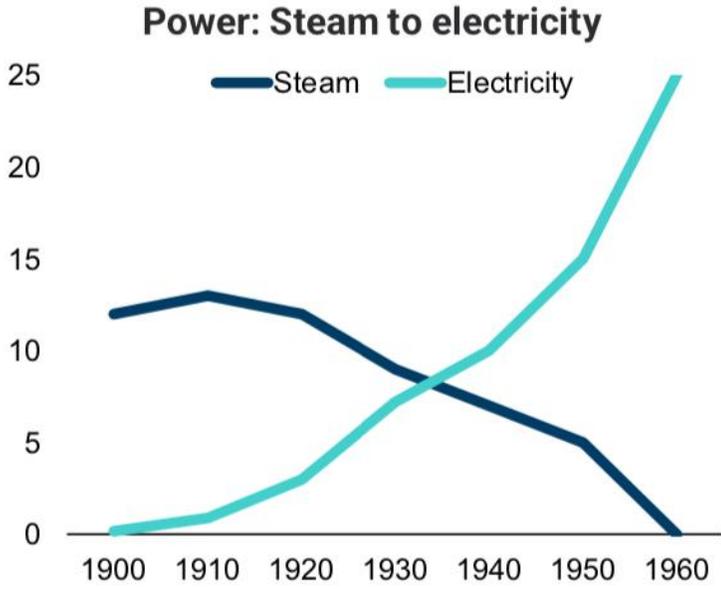
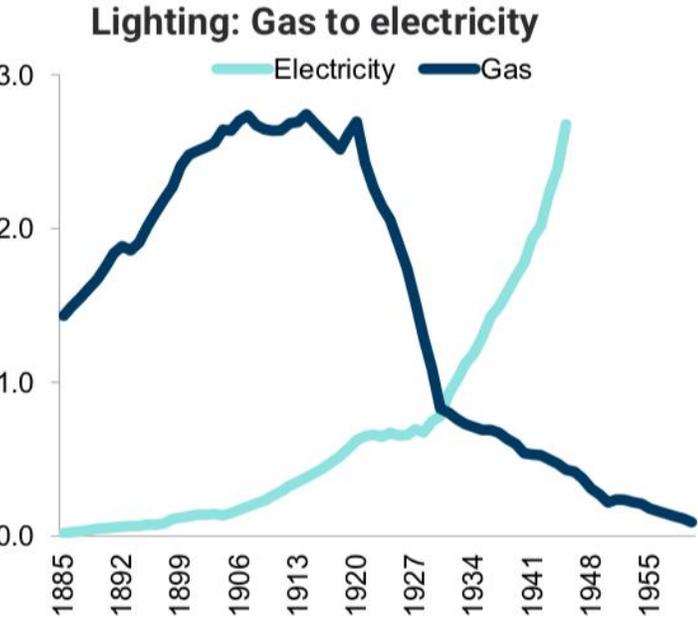
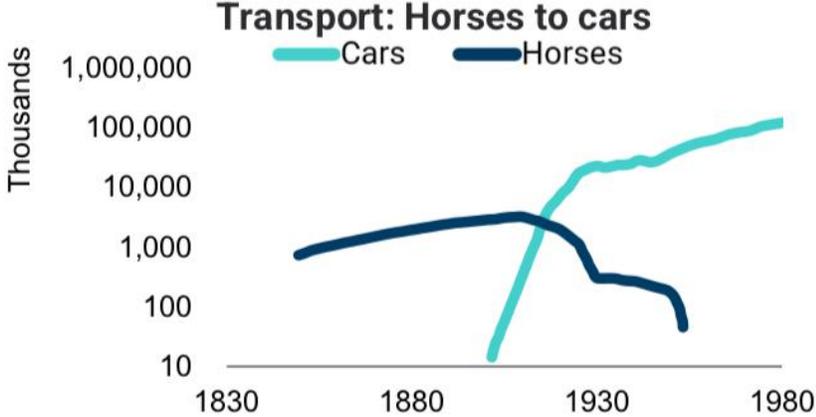
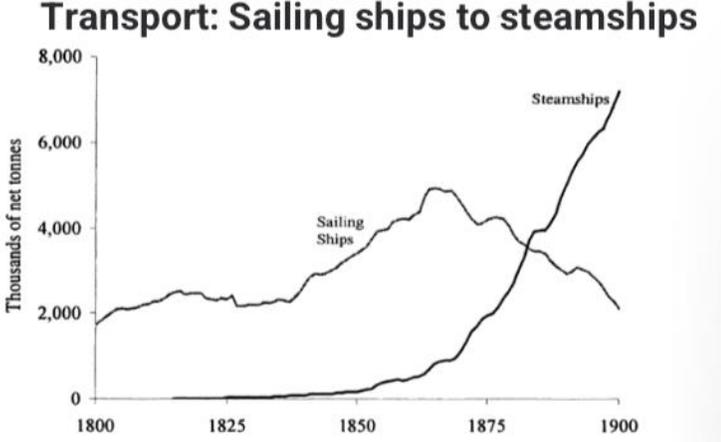
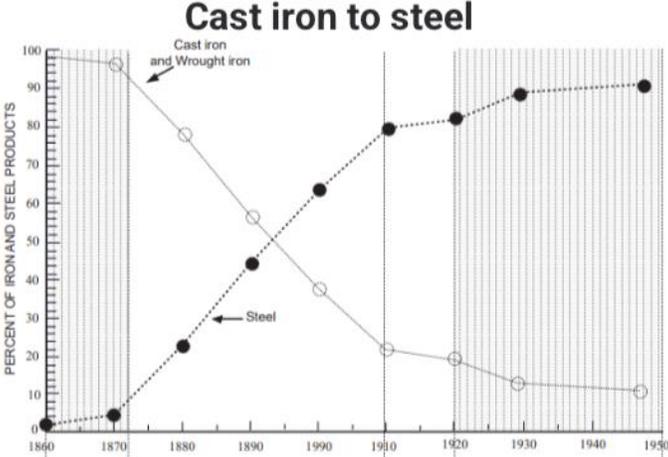
The very size of the fossil fuel system makes it extremely vulnerable to this type of disruptive change.

There is no debate that we will still need a lot of fossil fuels in 20 years' time. But the point is we will need much less than today.



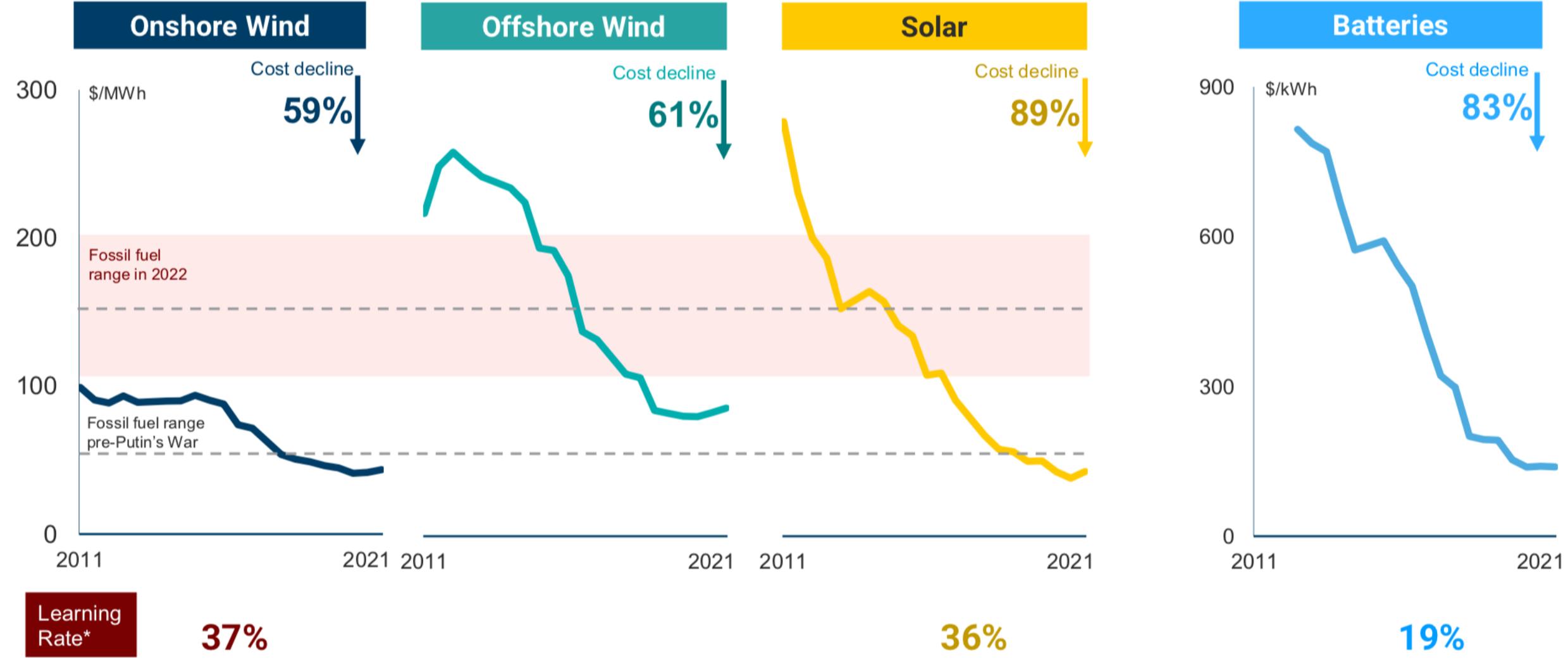
# This X Pattern Is Common to Most Technology Shifts

As superior new technologies grow, demand for old technologies peaks early and falls fast



# We Are in the Middle of an Energy Technology Cost Revolution

The cost of new energy technologies has fallen by 60%–90% in 10 years



# Efficiency Is Moving from Incremental to Systemic

As new energy technology penetration increases, efficiency gains will rise



Efficiency gain

Solar as a primary energy source is

**250%**

more efficient than coal



A heat pump is

**300%**

more efficient than a gas boiler

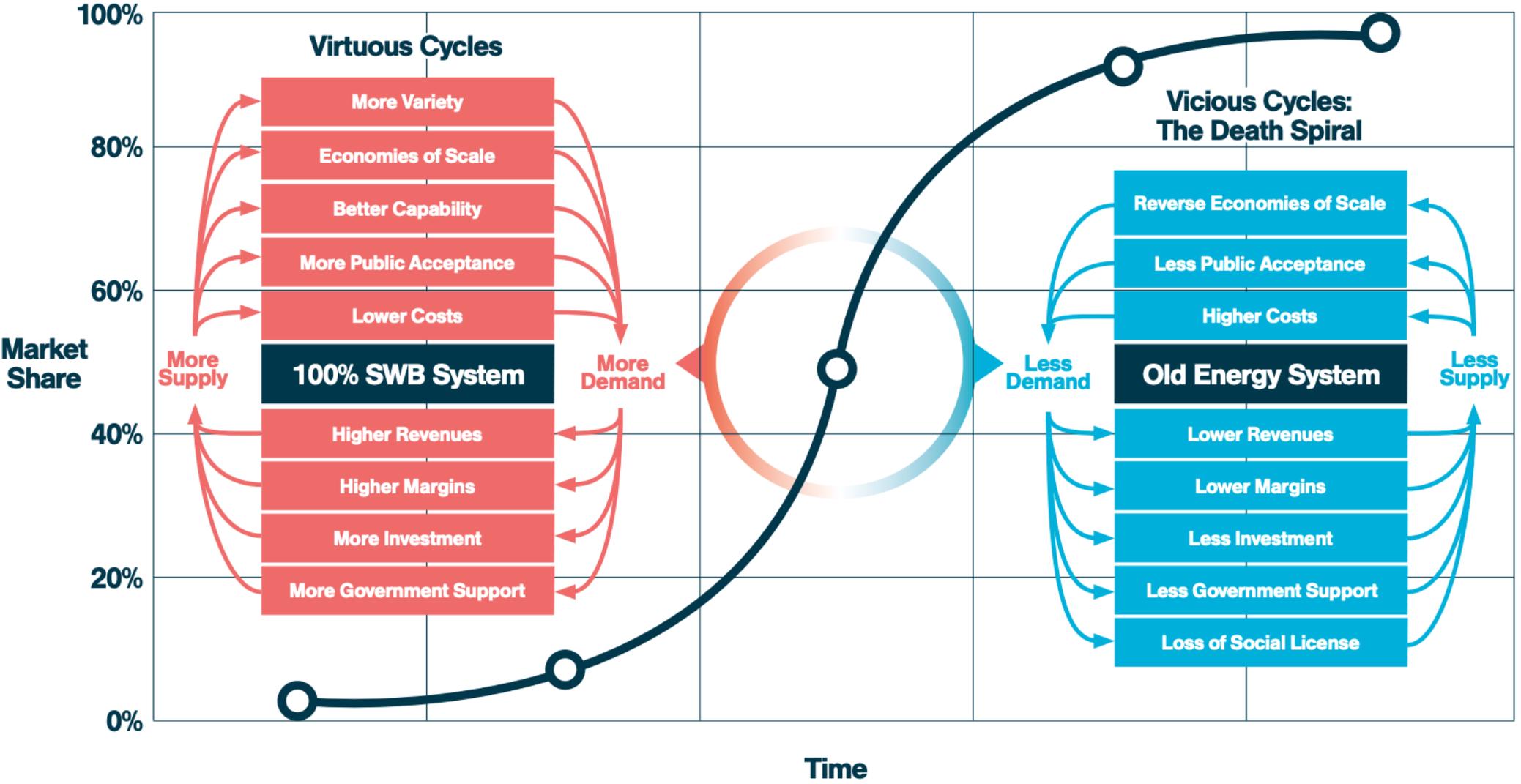


An electric vehicle is

**400%**

more efficient than an ICE

**Figure 4. Causal Feedback Loops Drive Disruption**



History shows that technology disruptions are nonlinear because they are driven by reinforcing causal feedback loops. These loops interact with and amplify one another, accelerating the adoption of new technology in a virtuous cycle while at the same time accelerating the abandonment of old technology in a vicious cycle. The net result of these systems dynamics is that disruption tends to unfold with surprising swiftness.

Source: RethinkX.

# Because Superior Technology Drives Change

Renewables have fundamentally different characteristics with far-reaching consequences

## The Age of Carbon

**Commodity-based system**  
**No learning curve (or decreasing returns)**  
**Geographically concentrated**  
**Finite**  
**Continuous material flow required**  
**EROI falling**  
**Heavy**  
**Fiery molecules**  
**Low efficiency**  
**Pervasive negative externalities**  
**Trillions of dollars of rent for oligarchs**  
**Concentrates power**

## The Age of Renewables

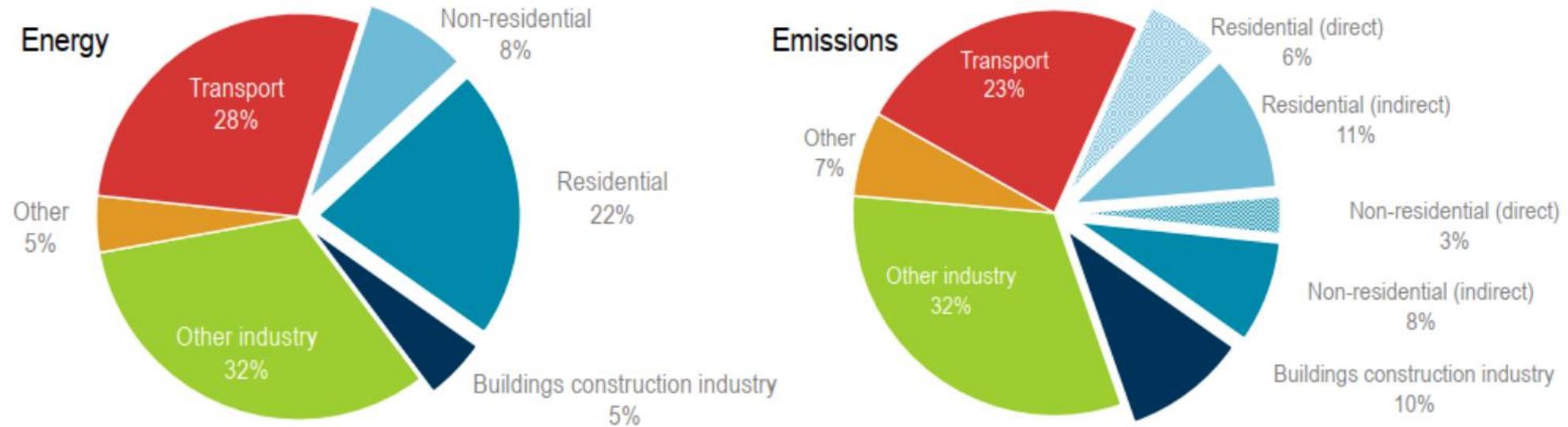
**Technology-based system**  
**Learning curve (increasing returns)**  
**Everywhere**  
**Abundant**  
**Zero marginal cost**  
**EROI rising**  
**Light**  
**Obedient electrons**  
**High efficiency**  
**Much lower impact on nature**  
**No superprofits**  
**Distributes power**

*“End the environmental obsession of climate alarmism”*  
Jacob Rees-Mogg, Business Secretary

**FRACK  
OFF!**



# The 2020 Buildings-GSR: CO2 emissions

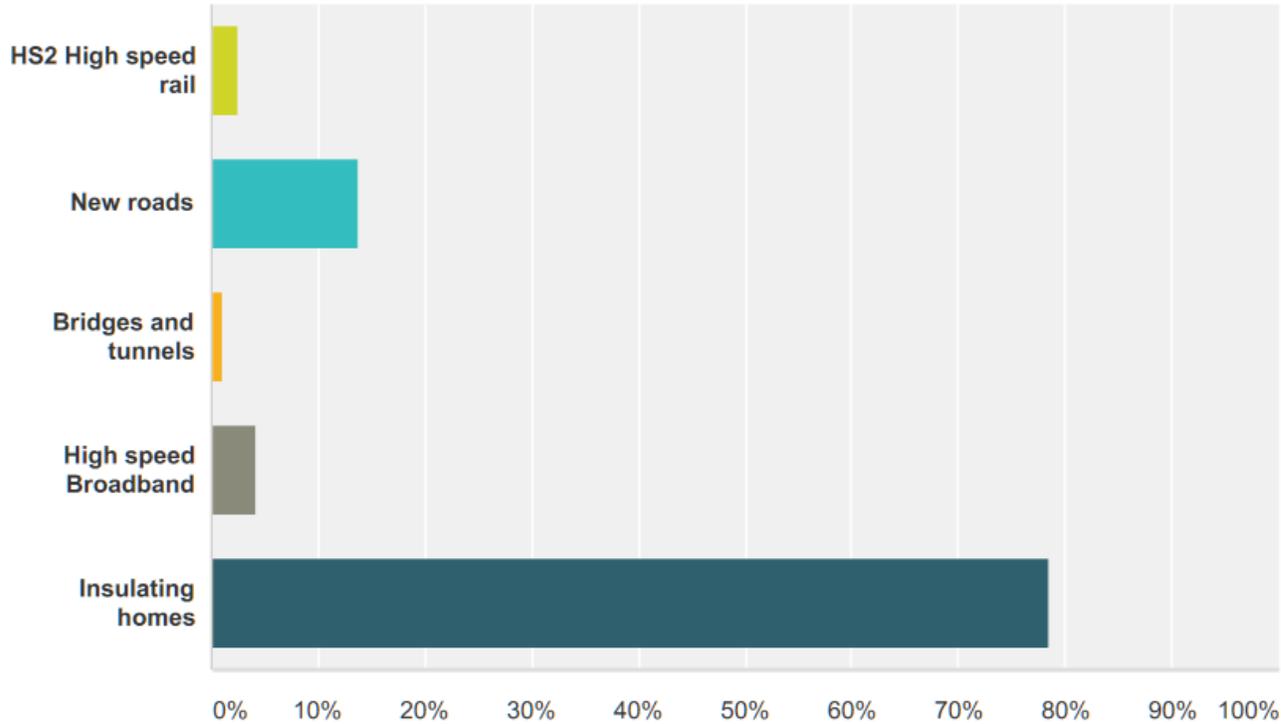


**Despite stable energy demand, CO2 emissions from building operations and construction reached their highest level ever recorded in 2019 at around 10 GtCO<sub>2</sub>, or 38% of global CO<sub>2</sub> emissions.**

# Public priorities...COSY HOMES

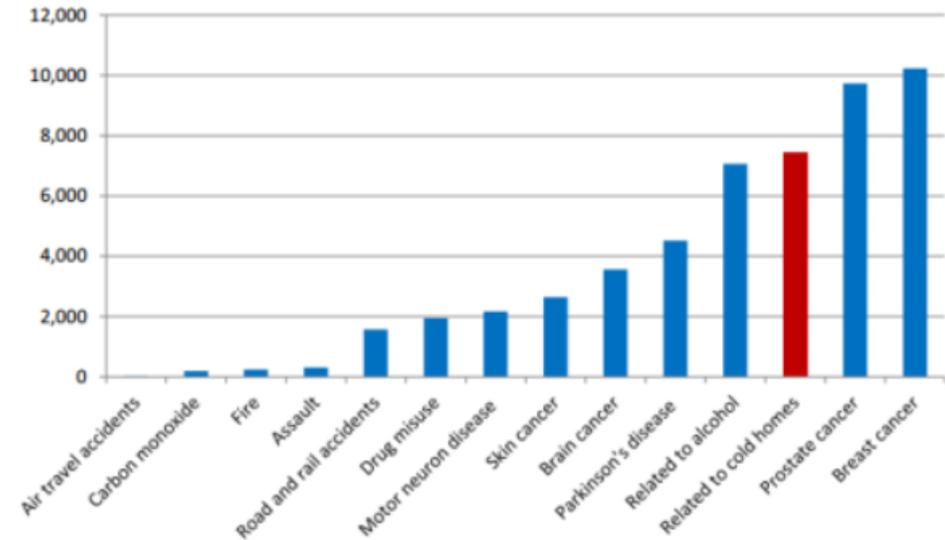
## Q10 Which do you think should be the Government's number 1 big infrastructure spending priority?

Answered: 2,004 Skipped: 46



## Cold Homes Kill More People Than Alcohol, Road Accidents Or Drug Abuse

Deaths and illnesses caused by cold homes have been neglected by successive Governments.





“Reasonable and prescient”



M | A | R | R | S

BAD 707

BAD

PUMP UP THE VOLUME

A COLOURBOX/A. R. KANE COLLABORATION

PUMP  
UP THE  
VOLUME



**THE  
JUMP**



Source: S. Wynes and K.A. Nicholas 2017 *Environ. Res. Lett.* 12 074024



**LESS STUFF  
MORE JOY**

# END CLUTTER

Keep products for  
at least **seven years**

# TRAVEL FRESH

If you can,  
**no personal vehicles**

# EAT GREEN

A **plant based diet** —  
no waste, healthy amount

# DRESS RETRO

**Three new items**  
of clothing per year

# HOLIDAY LOCAL

**One flight** every  
three years

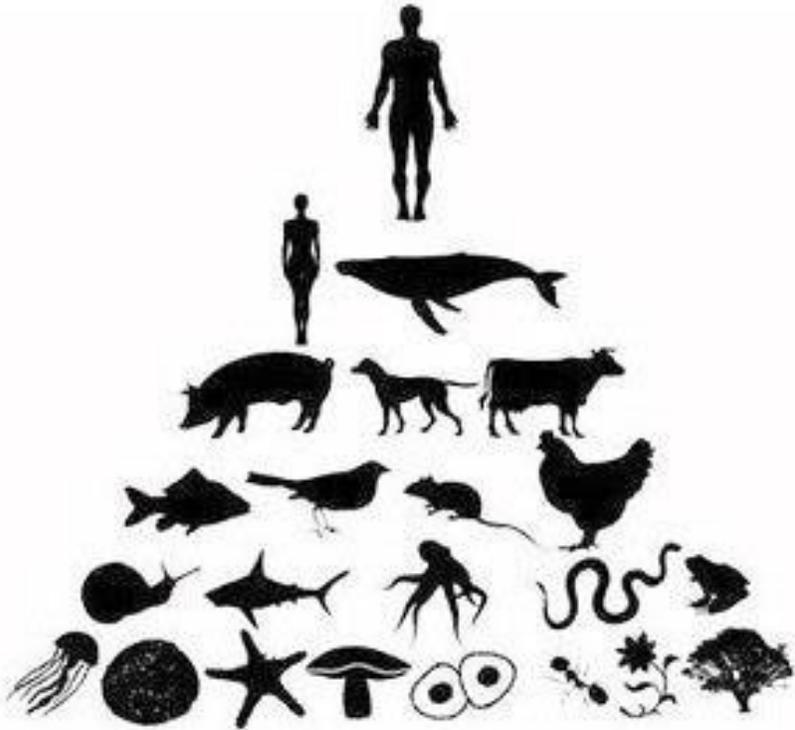
# CHANGE THE SYSTEM

At least **one life shift** to  
nudge the system

**THE JUMP = 25% of  
emissions reductions  
needed by 2030\***

**\*60% of reductions involve behavioural or societal  
change – Committee on Climate Change**

# EGO



**ANTHROPOCENTRIC**

# ECO



**ECOCENTRIC**

# SEVA



**IN SERVICE TO...**

**REPURPOSING**  
**REIMAGINING**  
**REGENERATING**

Every tonne of carbon  
that doesn't enter the  
atmosphere now  
alleviates future human  
suffering



**Ayana Elizabeth Johnson**



အသိပညာမရှိသူများသည်  
မတော်တရားမှုများကို

***‘The wise learn from the past  
The brave learn from the future’***



**WELCOME TO**  
**NORWICH**  
**A FINE CITY**

**TWINNED WITH**  
**ROUEN KOBLENZ NOVI SAD**

**BRITAIN'S POTENTIAL  
OUR CHILDREN'S FUTURE  
STABILITY & FREEDOM**

A neon sign for 'PUBLIC LUMBER' is displayed against a dark background. The sign consists of two rows of letters. The top row is illuminated with a yellow-to-orange gradient, and the bottom row is illuminated with a blue-to-cyan gradient. The letters are in a bold, sans-serif font. The sign is mounted on a wall with some visible wiring and pipes above it.

PUBLIC LUMBER

**PRIVATE SUFFICIENCY**

**ONLY THE...**

**im possible**



**...IS INTERESTING**

**Thank you**  
**Ed Gillespie**  
**@frucool**

*“Allow the world’s flaws  
and beauty to seep into  
your soul”*

Flemmich Webb, The Independent  
Review of ‘Only Planet’

