# Kritisk optimisme og #ActualNews

Denis Rivin  $\diamond$   $\triangleq$   $\diamond$  2025

Vi er noget for hinanden Vi giver mere end vi tager Vi former fremtiden med mod

### Molslinjen investerer milliarder i to nye el-færger: »Vi fjerner 132.000 ton CO<sub>2</sub> om året«

Batterier 22. juli kl. 13:30 Q 42 kommentarer



Efter planen skal de nye elektriske katamaraner erstatte de dieseldrevne katamaranfærger i løbet af 2027 og 2028. Illustration: Henning Bagger/Ritzau Scanpix.

Med milliardprojektet vil Molslinjen sænke CO₂-udledningen markant. De nye færger skal lades på en halv time og holde en topfart på 74 km/t. Home News Sport Business Innovation Culture Arts Travel Earth Audio Video Live

### The scientists learning to speak whale

10 April 2024 Share **< Save** □



A humpback whale and her calf (Credit: Jodi Frediani)

In a world-first, scientists had a "conversation" with a whale. Now, researchers are trying to find out what they are actually saying.

A growling "throp" noise emanates from the research vessel's underwater speaker. A humpback breaks away from its group and approaches. The mammal circles the boat. It surfaces and then dives again, tail slipping noiselessly into the water, and echoes the call back.

Researchers who <u>"conversed" with a humpback whale</u> say their encounter could be the first step towards communication with non-

**FEBRUARY 26, 2024** 

PACIFIC WHALE FOUNDATION

### PWF Researcher Documents First-Ever Humpback Whale Copulation

On January 19, 2022, off the coast of Maui, Hawai'i, an unprecedented event was recorded for the first time two humpback whales copulating. While this observation is remarkable on its own, this story has a remarkable twist – the encounter involved two male whales.



Humpback whales have long been subjects of fascination for researchers due to their intricate social behaviors, many of which are thought to relate to reproduction. Despite being extensively studied for decades, the sexual behavior of humpback whales has remained mostly a mystery, even for whale experts. However, a Pacific Whale Foundation researcher recently unveiled a historic finding—the first-ever documented copulation in humpback whales!

Published on Feb. 27, 2024, the article reports a significant breakthrough in our understanding of humpback whale behavior. The observation, made on January 19, 2022, off the coast of Maui, Hawai'i, reveals an

### ≡ Bloomberg

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The Downtown Dilemma: Office of the Future Bikes Lanes for Busines

CityLab + Economy

### Istanbul Tries Free Public Transit to **Help Job Seekers**

The Turkish city is the largest to invest in transportation in hopes of boosting employment.









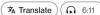


A tram passes Istanbul's New Mosque. Photographer: Nicole Tung/Bloomberg

#### By Jennifer Hattam

November 1, 2024 at 5:00 AM GMT+1 Corrected November 1, 2024 at 2:06 PM GMT+1







Unemployed Istanbul residents can now travel for free on public transportation. The measure, announced this summer by Mayor Ekrem İmamoğlu, is seen as a way to remove barriers to finding a job in the me Copy Link 

### In Oslo, construction projects are now clean and quiet

Nick Hedley | Cities, Climate & Energy | February 5, 2025



An electric excavator in Oslo. Photo: Oslo's climate agency

In Norway's capital, building projects are no longer the noisy, polluting affairs they once were thanks to a pioneering zero-emission construction policy.

As of January 2025, all contractors providing work to Oslo's government have to use clean and quiet concrete trucks, excavators, and other machinery. The industry has had plenty of time to prepare for the shift: From 2019, the use of emission-free equipment wasn't mandatory, but did give firms an edge over their competitors when bidding for work, as did the use of recycled or low-carbon materials.

In 2023, 77% of city-managed projects used zeroemission machinery, according to Oslo's climate agency.

The policy hasn't materially driven up construction costs, according to green procurement official Geir Rossebø. That's because the total cost of owning and operating electric equipment is competitive - even if upfront costs remain higher for the time being.



Sign in

### This saltwater lagoon is legally a person. Here's why that could help it survive

By Nell Lewis, CNN

① 4 min read · Published 4:32 AM EDT, Mon April 29, 2024



Europe's largest saltwater lagoon has faced environmental collapse. Now it's a legal person

Goldman Environmental Prize

#### 4 of 8

The environmental damage has been linked to the intensive agriculture in the surrounding region. Run-offs from nitratefilled fertilizers entered the lagoon, causing extreme eutrophication - the accumulation of algae that depletes the water of oxygen.



Editor's Note: Call to Earth is a CNN editorial series committed to reporting on the environmental challenges facing our planet, together with the solutions. Rolex's Perpetual Planet Initiative has partnered with CNN to drive awareness and education around key sustainability issues and to inspire positive action.

(CNN) - Mar Menor, Europe's biggest saltwater lagoon, sits on the coast of southeastern Spain. A strip of sand separates the 52-square-mile area from the Mediterranean creating warm



Home News Sport Business Innovation Culture Arts Travel Earth Audio Video Live

# Pioneering gene therapy restores UK girl's hearing

9 May 2024

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Michelle Roberts Digital health editor



Opal playing at home

### A UK girl born deaf can now hear unaided, after a groundbreaking gene-therapy treatment.

Opal Sandy was treated shortly before her first birthday - and six months on, can hear sounds as soft as a whisper and is starting to talk, saying words such as "Mama", "Dada" and "uh-oh".

Given as an infusion into the ear, the therapy replaces faulty DNA causing her type of inherited deafness.

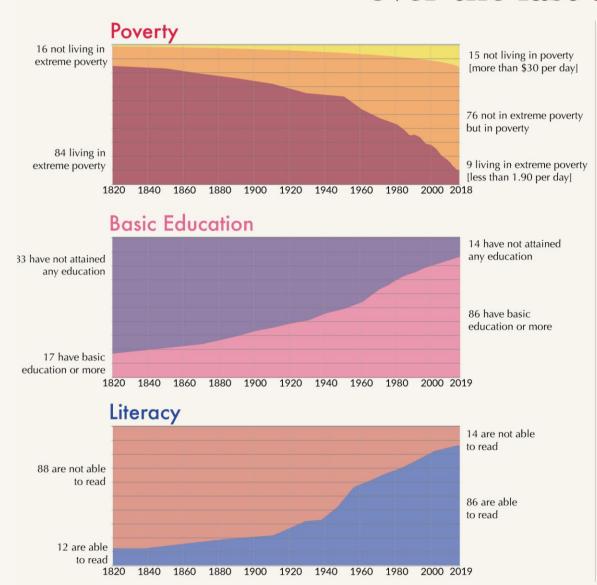


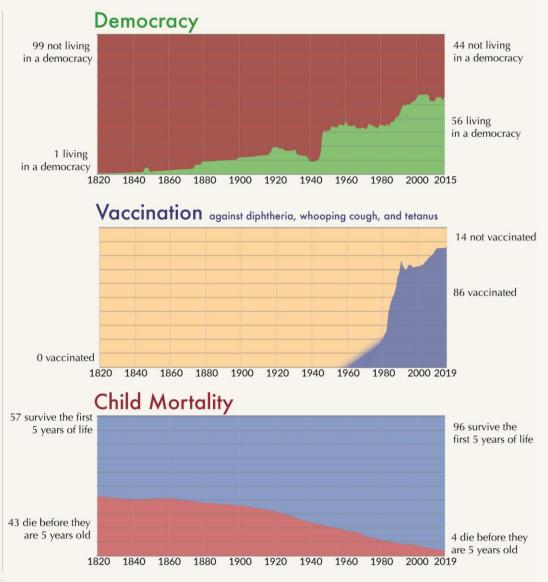
Seventy-eight per cent of people in England and Wales think that crime has gone up in the last few years, according to the <u>latest</u> <u>survey</u>. But the data on actual crime shows the exact opposite.



# The World as 100 People over the last two centuries







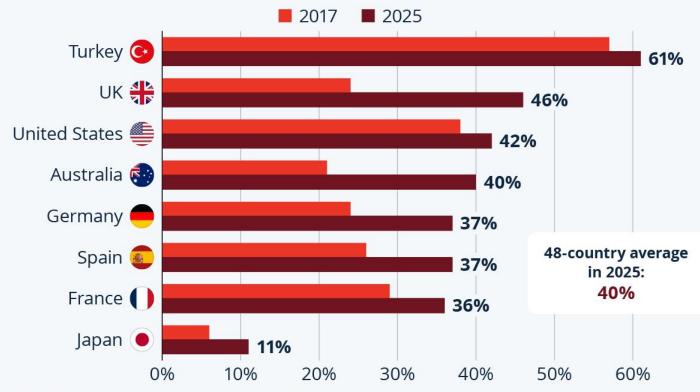






# Too Much Bad News? News Avoidance on the Rise

Share of respondents in selected countries who sometimes/often actively avoid the news



~ 2,000 people per country surveyed Jan.-Feb. 2017/2025.

Source: Reuters Institute | Digital News Report 2025











# lying

Tory leader in Wales first to be accused of deception during debate on new legislation

#### Alex Barton

3 July 2024 • 9:33am

Related Topics General Election 2024, Wales, Labour Party, Conservative Party













Mick Antoniw said law would disqualify Members of the Senedd if found guilty of deliberate deception | CREDIT: Chris Fairweather/Huw Evans/Shutterstock

The Welsh Government has committed to introduce a law which will make it illegal for politicians to lie.

Mick Antoniw, the Labour-led Government's counsel general, said it would disqualify Members of the Senedd and candidates from the house if they were found guilty of deliberate deception.

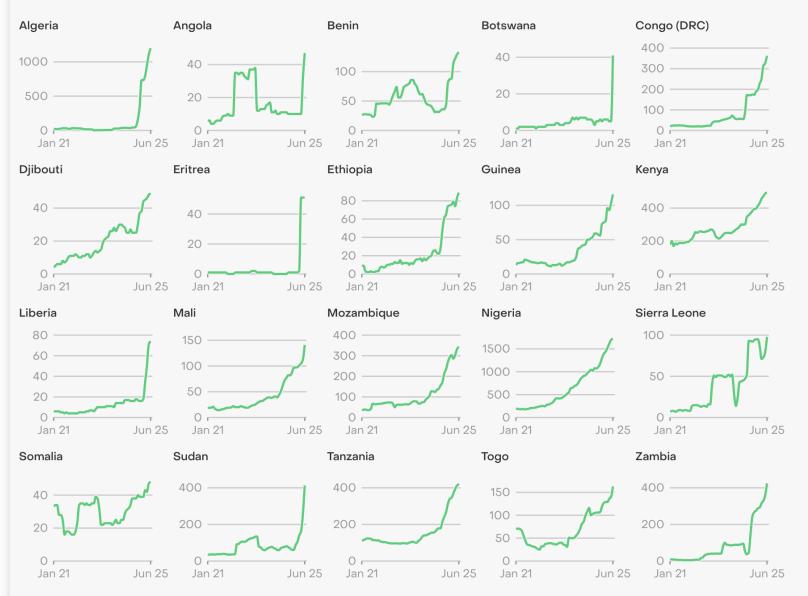
### More stories





# 20 African countries imported a record amount of solar panels in the 12 months to June 2025

Rolling 12 months imports of solar panels from China, megawatts



EMB=R

Source: <u>China's Solar PV Export Explorer</u> · Four additional countries also set a record in June, but for very low volumes (Congo, Equatorial Guinea, Eswatini, Saint Helena).





# 'Grøn omstilling'

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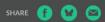


WILD LIFE | 12.19.2024

## Prowling for Pelicans

In Mozambique's Gorongosa National Park, wildlife is making a comeback.

Photograph by Charlie Hamilton James









On a trip to Gorongosa National Park in central Mozambique, photographer Charlie Hamilton James was particularly keen to capture the park's lions (Panthera leo) on the extensive floodplain that appears after the seasonal rains—"a feature," he says, "that makes the park so special."

The floodplain attracts birds such as storks and great white pelicans (*Pelecanus* onocrotalus), which move through the water in coordinated V-formations as they herd fish into the shallows. Although lions are mostly nocturnal hunters, Hamilton James caught one lioness repeatedly charging at the pelicans by day. "It was a pretty unique scene, and one I have never witnessed in years working with lions," he says. (The birds



# **Park Rangers Are Using Silent Ebikes to Catch Poachers**

A Swedish electric bike is helping Mozambique's park rangers protect game and reducing the need for fossil fuel infrastructure in Africa's remotest areas.



PHOTOGRAPH: JUSTIN SULLIVAN/CAKE

WIRED

# Niokolo-Koba National Park in Senegal removed from the List of World Heritage in Danger



© UNESCO

The UNESCO World Heritage Committee, meeting in New Delhi (India), decided on Wednesday to remove Niokolo-Koba National Park in Senegal from the List of World Heritage in Danger, following the positive steps taken by the State Party, which have contributed to improving the natural

Wednesday, 24 July 2024

 $\equiv$ 

Opinion | David Fickling, Columnist

### Sea Turtles Aren't Vanishing. In Fact They're Thriving

Their positive fate shows how even when our ability to harm the planet is immense, its ability to heal is formidable.

December 18, 2024 at 9:00 PM UTC



### By David Fickling

David Fickling is a Bloomberg Opinion columnist covering climate change and energy. Previously, he worked for Bloomberg News, the Wall Street Journal and the Financial Times.





A lot more than you think are swimming in the sea. Photographer: Anadolu/Getty Images

□ Save

**★** Translate

Listen 6:19

It's hard to forget your first glimpse of a turtle in its natural environment.

**⇔** Copy Link

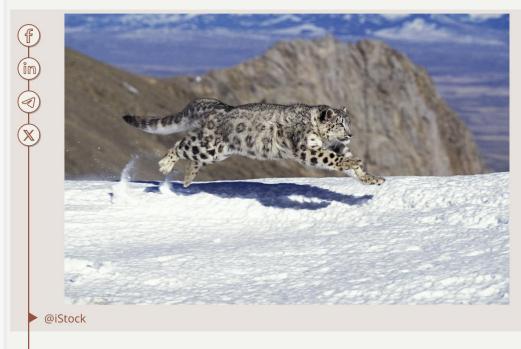


Kazakhstan Kyrgyzstan Tajikistan Turkmenista

Features Opinions Business & Economy Local Politics International Affairs

30 December 2024

### Kazakhstan's Snow Leopard Population Reaches Near-Historic Levels



The snow leopard population in Kazakhstan has rebounded to near-historic levels, with an estimated 152 to 189 individuals now residing in the country. This marks a significant achievement in conservation efforts, as such numbers were last observed in the 1980s. Despite this progress, human activity remains the most significant threat to the survival of this elusive predator.

Vector as the *irbis* the snew leanard is listed in the International Union for

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py Link

**Q** SEARCH

WORLD

### Study finds India doubled its tiger population in a decade

JANUARY 31, 2025 · 1:09 AM ET

By The Associated Press



Tigers are visible at the Ranthambore National Park in Sawai Madhopur, India. Satyajeet Singh Rathore/AP

BENGALURU, India - India doubled its tiger population in a little over a decade by protecting the big cats from poaching and habitat loss, ensuring thay have anough prove reducing human wildlife conflict, and increasing



French agrivoltaics company Sun'Agri says that two of its facilities increased grape yields by 20% to 60% in 2024, compared to areas without solar panels. The PV modules helped regulate temperature fluctuations, reducing summer heat peaks and winter temperature declines.

NOVEMBER 29, 2024 GWÉNAËLLE DEBOUTTE





ARTS & LIFE PODCASTS ARCHIVE

**NEWS ANALYSIS** 

# Russia's Coal Industry Is Collapsing. Will it Drag the Economy Down With It?

**By Moscow Times Reporter** July 28, 2025















MOST

1 FSB Nati Atta 2 EUE Russ 3 Billio Laur





Coal mining at the Yunyaginsky open pit coal mine of VorkutaUgol in the town of Vorkuta, north of the Arctic Circle.

Slumping global coal prices and sanctions have put Russia's coal industry on the brink of collapse, forcing the government to intervene as it scrambles to protect both a key energy source and a major employer.



# Three years into the Ukraine war, is Europe's energy system cleaner?

In response to the invasion, Europe mostly ditched Russian fossil fuels and built a cleaner grid. But wholesale decarbonization has proven elusive.













Chimney sweep Udo Löbel inspects a water-to-water heat pump with a well in the basement of a detached house in Munich on Dec. 13, 2023. (Felix Hörhager/picture alliance via Getty Images)

When Russia invaded Ukraine three years ago, it ignited an energy crisis that threatened to upend Europe.



**VIDEN** 

**KROPPEN** 

**TEKNOLOGI** 

**NATUR** 

DR LYD

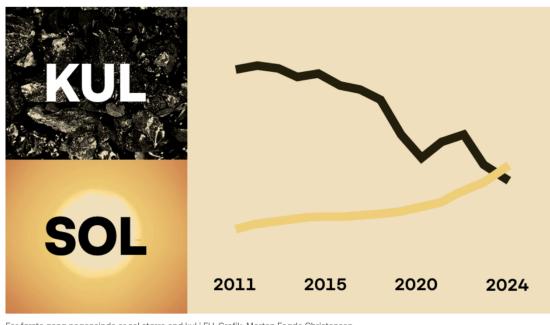
SAMMEN I BEVÆGELSE



**KLIMA** 

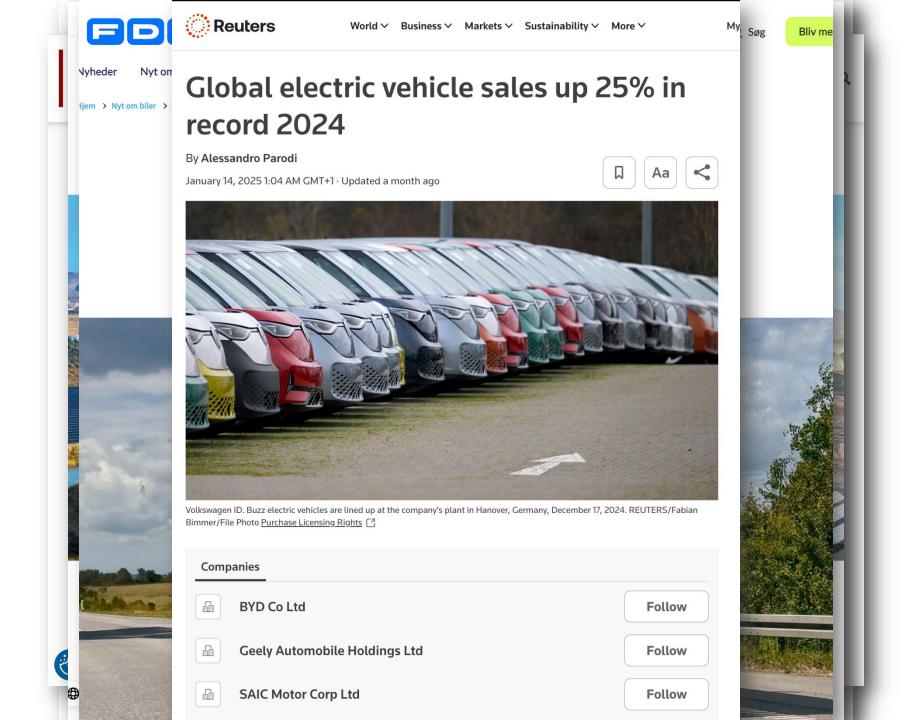
# For første gang overhaler solen det sorte kul

Europa og særligt Danmark har sparet milliarder på indkøb af fossil energi.



For første gang nogensinde er sol større end kul i EU. Grafik: Morten Fogde Christensen







yheder Nyt om biler Bilist FDM Mener Medlemsnyt Trafik

1jem > Nyt om biler > Elbiler skubber benzinbiler af banen

## Elbiler skubber benzinbiler af banen

Bilsalget tippede i 2024. For første gang i Danmark udgør elbiler nu over halvdelen af nye personbiler, efter at december toppede med 61,5 pct. Det samlede bilsalg står dog i stampe. En Tesla blev atter den mest solgte model, mens Tesla som mærke fik markant baghjul af VW.







**ENERGY TRANSITION** 

# Pakistan is experiencing a solar power boom. Here's what we can learn from it

Nov 25, 2024



Head, External Relations and Communications, Engro Corporation

#### Mujtaba Khan

Chief Executive Officer, Reon Energy Limited

- · Pakistan's unstable electricity grid has driven a boom in adoption of renewable energy, led by solar.
- · This sudden expansion in private renewables risks driving the national grid into a downward debt spiral.
- The Pakistan case study illustrates how energy transitions must be carefully managed, incorporating renewables through grid modernization.











2020.









# **STATEMENT: UK Eliminates Coal from Power Generation**

October 1, 2024

### **Statement**

Topic International Climate Action Region Europe







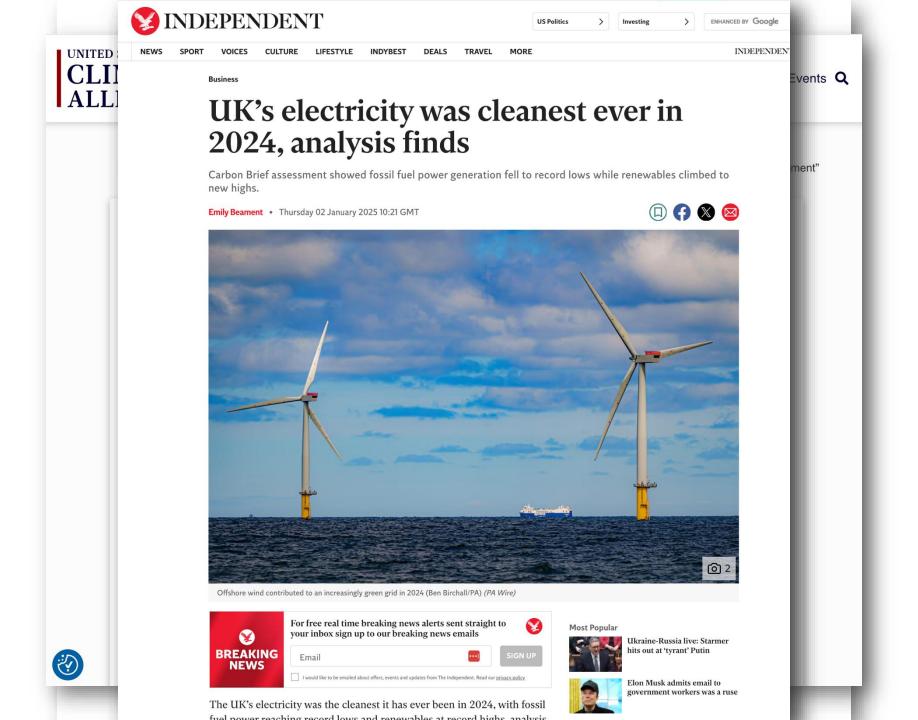


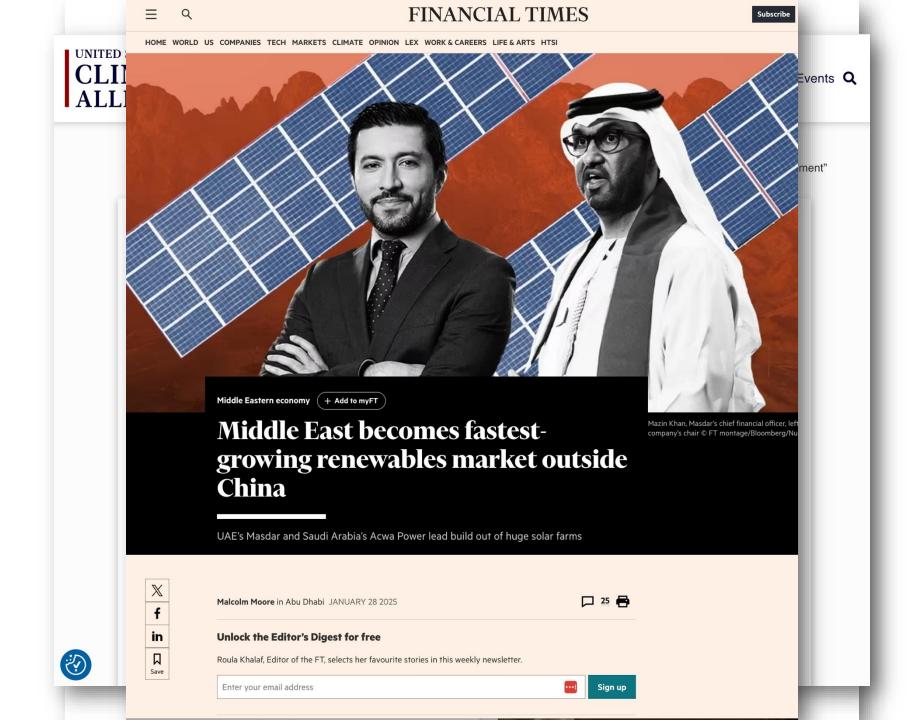
Kingdom has officially closed its last coal-fired power plant, marking the end of coal use to generate electricity in the country. This closure comes a year earlier than initially anticipated. The UK had already dramatically reduced coal's share of the power mix, from 39% in 2012 to just 2% in

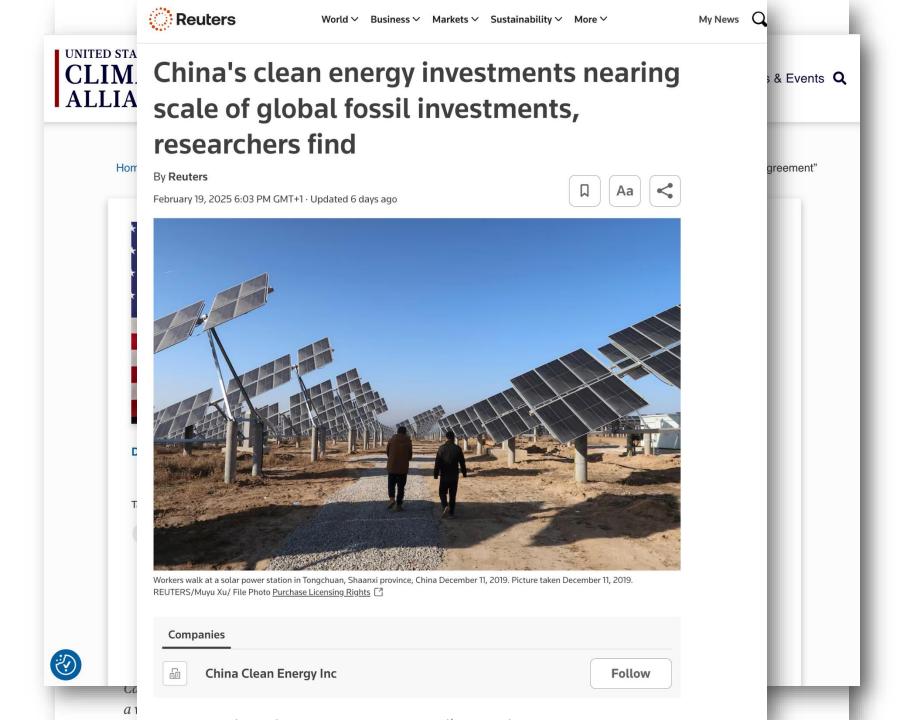
LONDON (October 1, 2024) - Today, the United

The UK is among several countries that have rapidly reduced coal use in recent years, according to WRI analysis. Its pace of coal phase-out closely mirrors the reductions needed globally to keep the world aligned with 1.5 degrees of warming. It is estimated that the world will need to scale down coal power from 35.5% of electricity generation in 2023 to 4% by 2030.











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Home / U.S. Climate Alliance to the International Community: "We Will Continue America's Work to Achieve the Goals of the Paris Agreement"



#### **Download the Letter**

Tags

2025

Press Release

Press Release | January 2025

## U.S. Climate Alliance to the International Community: "We Will Continue America's Work to Achieve the Goals of the Paris Agreement"

January 20, 2025

**WASHINGTON, D.C.** — As the Trump administration announced it will withdraw the U.S. from the Paris Agreement, the co-chairs of the U.S. Climate Alliance — New York Governor Kathy Hochul and New Mexico Governor Michelle Lujan Grisham — today delivered a letter to UN Climate Change Executive Secretary Simon Stiell making it clear to the global community that climate action will continue in the U.S.

"We write as co-chairs of the United States Climate Alliance, a bipartisan coalition of two dozen governors representing nearly 60 percent of the U.S. economy and 55 percent of the U.S. population, to make it clear to you, and the rest of the world, that we will continue America's work to achieve the goals of

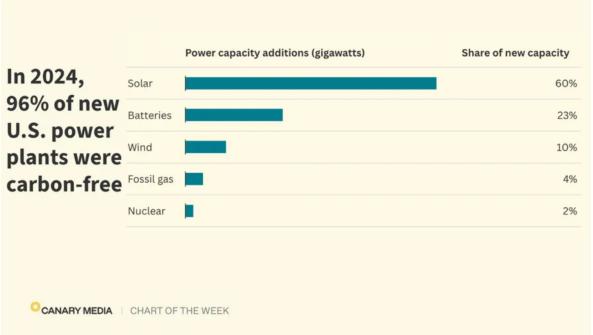




## Chart: 96 percent of new US power capacity was carbon-free in 2024

Solar, batteries, and wind accounted for the vast majority of new electrons on the U.S. grid last year, but fossil fuel use remains high.





Canary Media's <u>chart of the week</u> translates crucial data about the clean energy transition into a visual format.

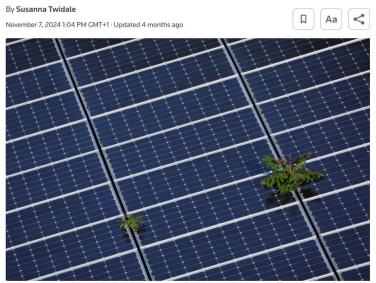
## 'Grøn omstilling'

Omfang **Acceleration** 

Alsidighed

Mindset

#### Exclusive: Global solar capacity hits 2 TW on path to climate goal, data shows



Plants grow through an array of solar panels in Fort Lauderdale, Florida, U.S., May 6, 2022. REUTERS/Brian Snyder/File Photo Purchase Licensing Rights [3

Companies		
66	Global Solar Energy, Inc.	Follow

LONDON, Nov 7 (Reuters) - Global solar capacity has reached a record 2 terawatts (TW) of capacity, with more added in the last two years than the previous 68 combined, exclusive data from the sector's global industry group shared with Reuters showed.

The updated figures have not previously been published, and the Global Solar Council said they give the fullest picture yet because they include small, rooftop installations often left out of official government data.

After the 2 TW milestone was breached this quarter, global solar capacity has become enough to power around 92 million U.S. households, the council said.

"Governments often don't have the full picture in terms of solar because they're often missing a lot of the small rooftop projects because they just never get registered anywhere in a lot of countries," Sonia Dunlop, CEO of the Global Solar Council, told Reuters in an interview.

The challenge now, she said, was to achieve 8 TW of installed solar power in total by 2030, which the data suggests is possible and would amount to more than half of the 11 TW of renewable capacity needed to









## Millions of new materials discovered with deep learning

**29 NOVEMBER 2023** 

Amil Merchant and Ekin Dogus Cubuk





Al tool GNoME finds 2.2 million new crystals, including 380,000 stable materials that could power future technologies

Modern technologies from computer chips and batteries to solar panels rely on

## 'Grøn omstilling'

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nature > news > article

NEWS 20 February 2025

#### Rare genetic disorder treated in womb for the first time

The child, who is now almost three years old, shows no signs of the often fatal motor neuron disease.

By Smriti Mallapat









Babies with severe spinal muscular atrophy lack sufficient proteins to maintain motor neurons. Credit: YsaL/Getty

A two-and-a-half-year-old girl shows no signs of a rare genetic disorder,



A patient has been functionally cured of type 1 diabetes with a new stem cell therapy Depositphotos

A patient with type 1 diabetes has been functionally cured of the disease, requiring no insulin doses for over a year. The treatment involves growing and transplanting new insulin-



Michelle Roberts Digital health editor

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Opal playing at home

#### A UK girl born deaf can now hear unaided, after a groundbreaking gene-therapy treatment.

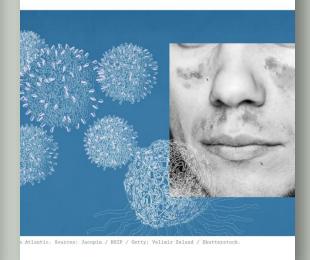
Opal Sandy was treated shortly before her first birthday - and six months on, can hear sounds as soft as a whisper and is starting to talk, saying words such as "Mama", "Dada" and "uhoh".

Given as an infusion into the ear, the therapy replaces faulty DNA causing her type of inherited deafness.



Lupus has long been considered incurable—but a series of breakthroughs are fueling hope.

By Sarah Zhang



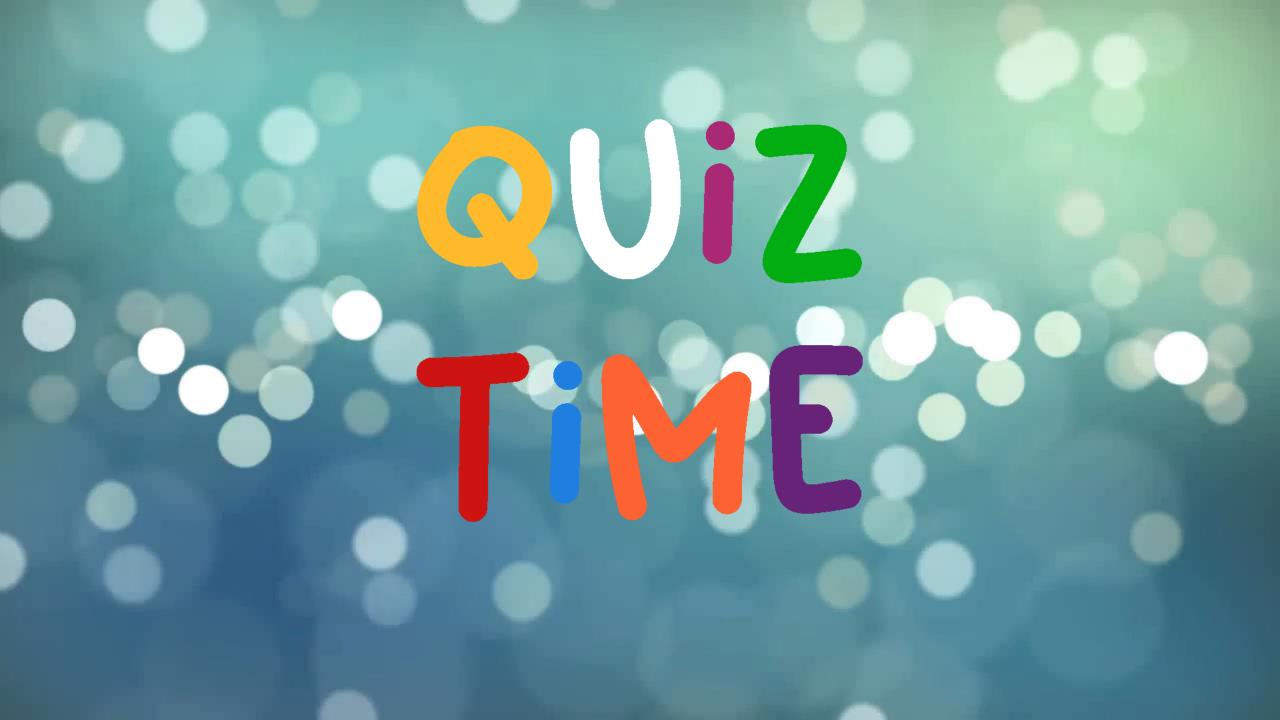
## 'Grøn omstilling'

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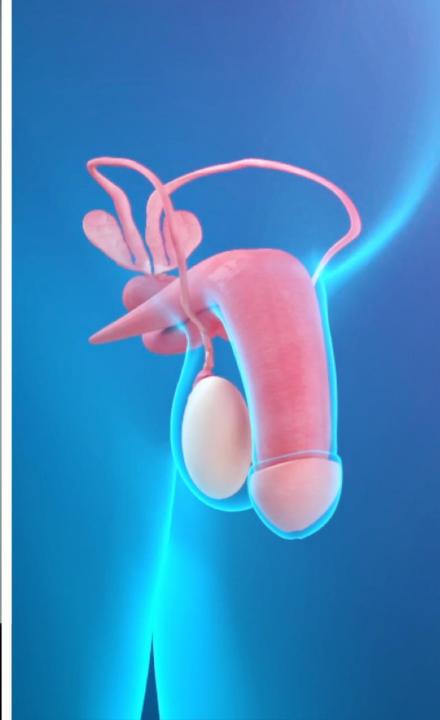
Alsidighed

**Mindset** 











FEATURES

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NEWS

TECH

#### **GLASGOW CLUB SWG3 STARTS USING** DANCERS' BODY HEAT TO POWER **VENUE**

It's hoped that the new energy system will help the venue to reduce its carbon emissions by about 70 tonnes of CO2 a year



CHRISTIAN EEDE

MONDAY, OCTOBER 10, 2022 - 18:04



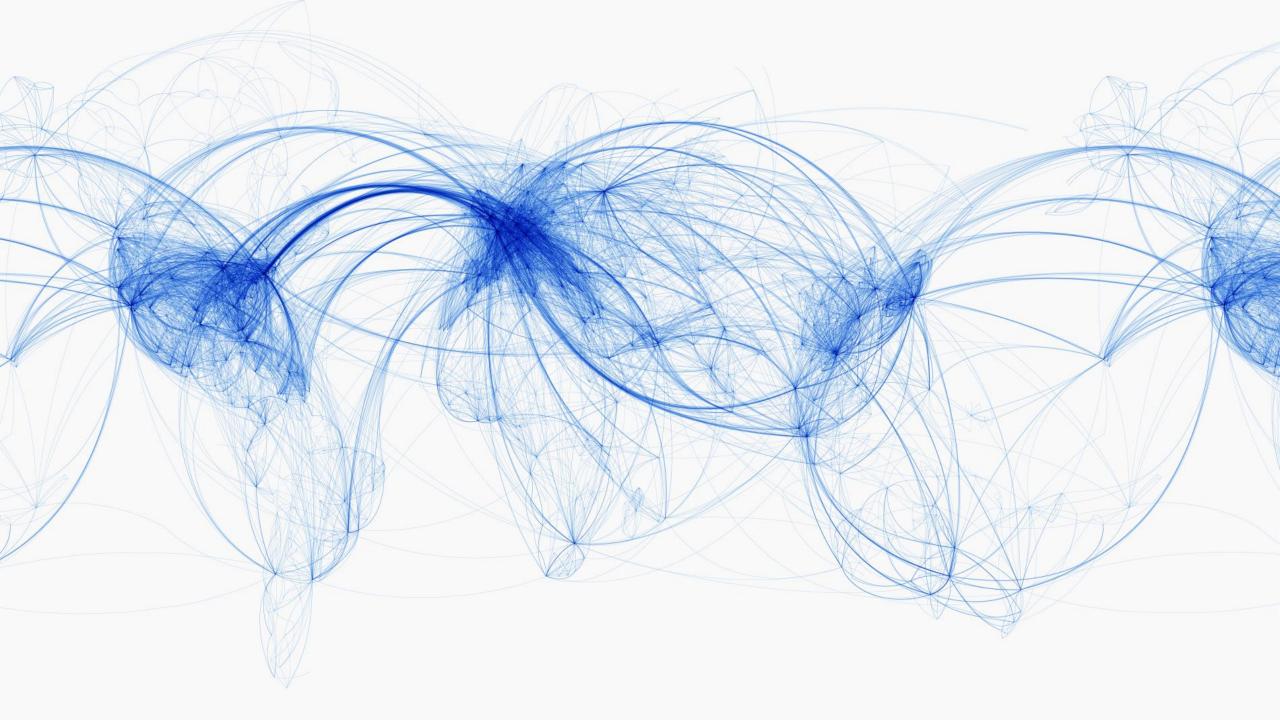




Glasgow warehouse venue SWG3 has installed a new energy system that recycles dancers' body heat to power the space.

With the new system, BODYHEAT, set up, the heat generated by dancers inside the club is piped via a carrier fluid to 200m bore holes





#### All three statements are true at the same time

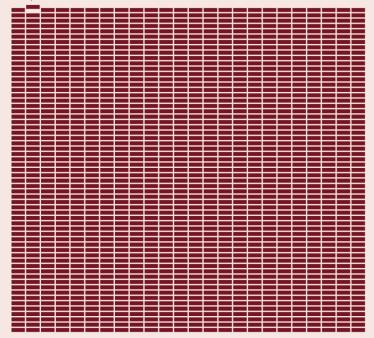


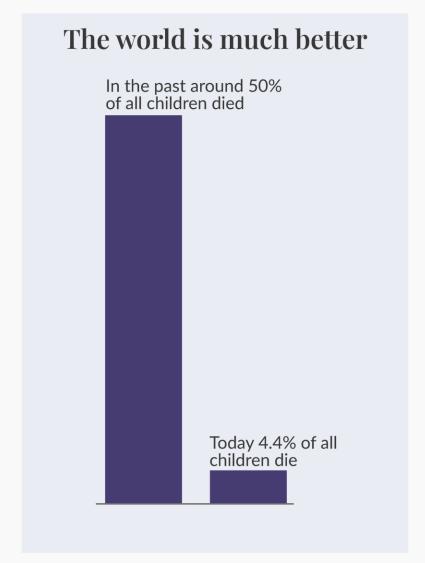
#### The world is awful

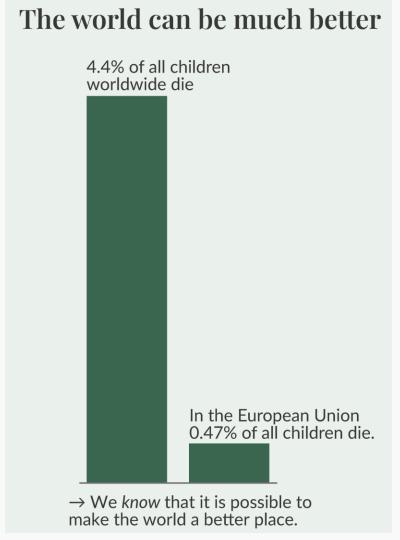
Globally 4.4% of all children die before they are 15 years old.

This means every day 16,000 children die.

Each rectangle represents the death of 11 children. That's the number of children who die every minute.







Data: 2020 data from UN IGME and historical data from Volk and Atkinson (2013).

OurWorldinData.org – Research and data to make progress against the world's largest problems.

# Hvad gør vi?

Vi er noget for hinanden Vi giver mere end vi tager Vi former fremtiden med mod

#### **Personligt**

Mærk efter og tag styring

Vær noget for hinanden

Kortlæg egne værdier og energi, indtag nγheder når det passer DIG. Prioriter mentalt helbred.

Arranger chatrum eller saloner til at fordøje udvikling i fællesskab – DEL optimisme.

#### **Organisation**

Giv mere end I tager

**Prioriter fremskridt** 

Regenerativ ledelse: Vækst er uløseligt forbundet med hele økosystemets sundhed. Ansvar for langsigtet konsekvens.

Ansæt en formidler af fremskridt – til at inspirere, zoome ud og synliggøre det mulige.

#### Samfund

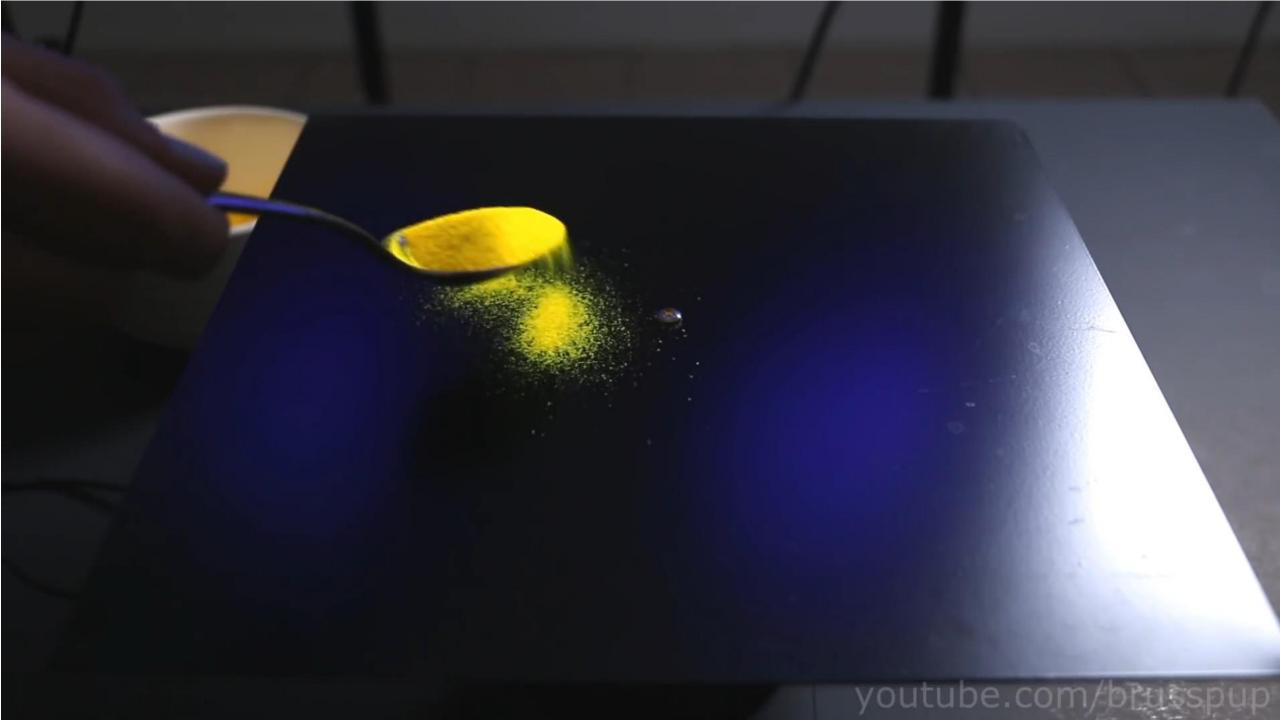
Form fremtiden

Samarbejd om en **Ny Fælles Fortælling** om en fremtid folk har lyst til!



### Få menneskehed på bølgelængde





#### Where is water in the body

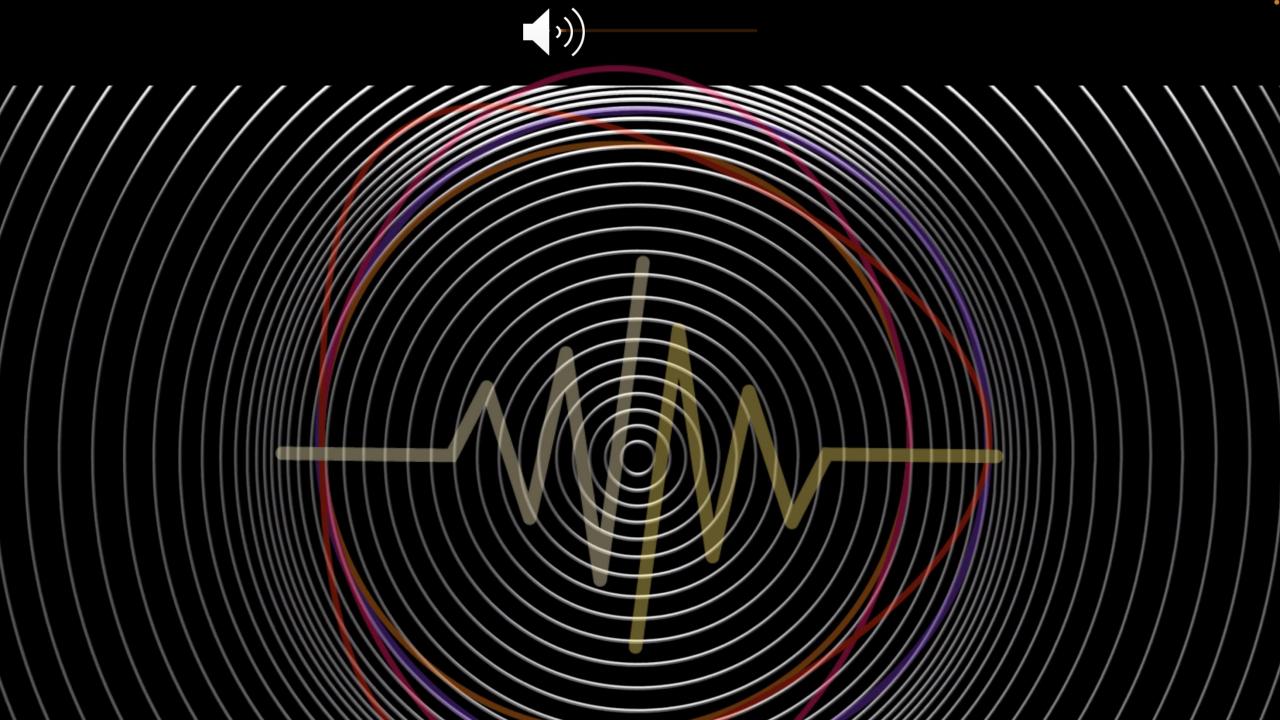
Water exists throughout the body. Cells contain <u>60%</u> of all water in the body, with roughly <u>one-third</u> of the remainder, surrounding the cells.

Some organs contain much more water than others. The brain and kidneys possess the highest percentage of water; the bones and teeth contain the lowest proportion.

The chart below gives the <u>highest to the lowest percentages</u> of water:

Body part	Water percentage
Brain	80–85%
Kidneys	80–85%
Heart	75–80%
Lungs	75–80%
Muscles	70–75%
Liver	70–75%
Skin	70–75%
Blood	50%
Bones	20–25%
Teeth	8–10%

Regardless of water content, all parts of the body need water to work properly.





Kritisk optimisme, radikal innovation og klimafremskridt

Din mailadresse

Skriv mig op!



◆ ▲ ◆ Sneleoparder og en menneskehed på bølgelængde

#176 • februar 21, 2025 • 8 min læsetid



◆ ▲ ◆ UFO'er, crossfit og kold kanvas

#175 • februar 07, 2025 • 9 min læsetid



◆ ▲ ◆ Vindmøllefrys, biblobalsam og myg som medicin

#174 • januar 31, 2025 • 7 min læsetid



◆ ▲ ◆ Solceller booster vinhøst og ladere øger omsætning

#173 • januar 17, 2025 • 8 min læsetid



◆ ▲ ◆ Moderkager, GLP-1 og psykedelika til golfere

#172 • januar 03, 2025 • 9 min læsetid



◆ ▲ ◆ Drømmesludder, genbrug i gigaklasse og to sol-TW

#171 • december 13, 2024 • 9 min læsetid











# Kritisk optimisme og #ActualNews

Denis Rivin  $\diamond$   $\triangleq$   $\diamond$  2025