



Quiz night 2022

Welcome to the 8th Carbon Brief quiz night.

We will be starting promptly at 7.15pm. Please feel free to make use of the bar in the meantime. The first drink is on us.

Canapés will be served at to the tables at halftime.

We hope to conclude the quiz around 9.30pm, but the bar will stay open till late.

Twitter #CBQuiz

Wifi: TannerCo Events
Password: C&H3v3nt5

Participating organisations

Ember	Met Office	National Trust	BEIS	European Climate Foundation	Association for Decentralised Energy
Energy Transitions Commission	FCDO	Verisk Maplecroft	US Embassy	Grantham Institute	Aldersgate Group
Carbon Tracker Initiative	Climate Home News	Cli-Mates	HM Treasury	UCL	IIASA
Financial Times	CIFF	Department for Transport	PBL	University of Exeter	DMI
E3G	Priestly Centre	WWF UK	Climate Outreach	InfluenceMap	Centre for Science and Environment
ECIU	Business Green	Energy foundations united	Defra	Changing Markets Foundation	
DeSmog	Skeptical Science	Earth Sciences UCL	Climate Change Committee	Imperial College London	

Previous winners

2015



DECC Science



Department of Energy & Climate Change

2019



Friends of the Earth, Climate Outreach and Possible



Friends of the Earth



2016



BEIS Science



Department for Business, Energy & Industrial Strategy

2020



University of East Anglia



University of East Anglia

2017



Friends of the Earth



Friends of the Earth

2021



University of East Anglia



University of East Anglia

2018



BEIS International climate and energy (ICE)



Department for Business, Energy & Industrial Strategy

Round 1. General Knowledge

1. How many years did the "100 Years War" between France and England actually last? (1 pt)

(a) 106 (b) 116 (c) 126 (d) 136

2. Match the Marvel hero to their alter ego: (8 pts)

(a) Carol Danvers (b) James Rhodes (c) Jennifer Walters (d) Natasha Romanoff
(e) Quentin Beck (f) T'Challa (g) Wade Wilson (h) Wanda Maximoff

Black Panther; Black Widow; Captain Marvel; Deadpool;
Mysterio; Scarlet Witch; She-Hulk; War Machine;

**3. If Serena Williams equals 23, solve this equation...
((Nadal + Murray) - Raducanu) / Osaka = ? (1 pt)**

(a) 5 (b) 6 (c) 8 (d) 10

4. Which of these animals cannot swim? (1 pt)

(a) Guinea pig (b) Hippopotamus
(c) Rat (d) Two-toed sloth

5. Will Smith's face-slapping appearance at the 2022 Oscars made headlines around the world, but which four actors did he beat to the Best Actor award? (4 pts)

(a) Javier Bardem (b) Benedict Cumberbatch (c) Jamie Dornan (d) Adam Driver
(e) Idris Elba (f) Andrew Garfield (g) Tom Hardy (h) James McAvoy
(i) Brad Pitt (j) Denzel Washington

6. Which African country has the "Caprivi Strip" protruding 280 miles from its north-eastern corner? (1 pt)

(a) Botswana (b) Cameroon
(c) Namibia (d) Zambia

7. Margaret Hale, Molly Gibson and Mary Barton are among the heroines of which Victorian novelist? (1 pt)

(a) Charles Dickens (b) George Eliot
(c) Elizabeth Gaskell (d) Thomas Hardy

8. What was the UK number one single on September 8 (on the day of the death of Queen Elizabeth II) (1 pt)

(a) Kate Bush, Running Up That Hill (b) Lewis Capaldi, Forget Me
(c) Eliza Rose and Interplanetary Criminal, B.O.T.A (Baddest Of Them All)
(d) Harry Styles, As It Was

9. Who scored the opening goal for England in the UEFA Women's Euro 2022 final at Wembley? (1 pt)

(a) Millie Bright (b) Chloe Kelly (c) Beth Mead (d) Ella Toone

10. Which country is the most linguistically diverse in the world? (1 pt)

(a) Brazil (b) China (c) India (d) Papua New Guinea

Round 2. Policy

1. Match the ministry to the country: (10 pts)

- (a) Department of Climate Change, Energy, the Environment and Water
- (b) Ministry for the Ecological Transition and the Demographic Challenge
- (c) Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection
- (d) Ministry of Climate and Environment
- (e) Ministry of Climate Change
- (f) Ministry of Ecology and Environment
- (g) Ministry of Environment and Forestry
- (h) Ministry of Environment, Forest and Climate Change
- (i) Ministry of the Environment And Sustainable Development
- (j) Ministry of Natural Resources and Environment

Argentina; Australia; China; Germany; India;
Kenya; Pakistan; Poland; Russia; Spain;

2. When was the term "loss and damage" first used at UN climate negotiations? (1 pt)

- (a) 1986 (b) 1991 (c) 2002 (d) 2018

3. How much money is the Inflation Reduction Act earmarked to spend on climate and energy measures in the US over the next 10 years? (1 pt)

- (a) \$169bn (b) \$269bn (c) \$369bn (d) \$469bn

4. In the run-up to COP26, who said "the way to reduce climate emissions from flying isn't to stop flying"? (1 pt)

- (a) Boris Johnson (b) Kwasi Kwarteng (c) Alok Sharma (d) Liz Truss

5. Name the missing minister in this sequence....

Charles Hendry, John Hayes, XXXXXX, Matt Hancock. (1 pt)

- (a) Michael Fallon (b) Andrea Leadsom
(c) Baroness Neville-Rolfe (d) Amber Rudd

6. The long-delayed UN Biodiversity Conference known as COP15 is due to be held in Montreal in December. But where was COP14 held? (1 pt)

- (a) Mexico City (b) New York (c) São Paulo (d) Sharm El-Sheikh

7. In a recent review of 32 independent studies, how many backed the use of hydrogen for home heat? (1 pt)

- (a) 0 (b) 2 (c) 11 (d) 32

8. Chinese media reports say the country plans to add 874GW of wind and solar during 2021-25. How many times larger is this than current UK wind and solar capacity? (1 pt)

- (a) 8 times (b) 12 times (c) 15 times (d) 21 times

9. When David Cameron "cut the green crap" by slashing the Energy Company Obligation (ECO) in 2013, how much was it supposed to save households per year? (1 pt)

- (a) £10-15 (b) £30-35 (c) £50-55 (d) £90-95

10. Who first proposed the climate-finance target of '\$100bn a year from 2020'? (2 pts)

- (a) Gordon Brown in a speech in London in June 2009
(b) Hillary Clinton at COP15 in Copenhagen in Dec 2009
(c) Angela Merkel in a speech in Brussels in Sept 2009
(d) Barack Obama in a speech in New York in Sept 2009

Carbon Brief Quiz 2022: Half-time leaderboard

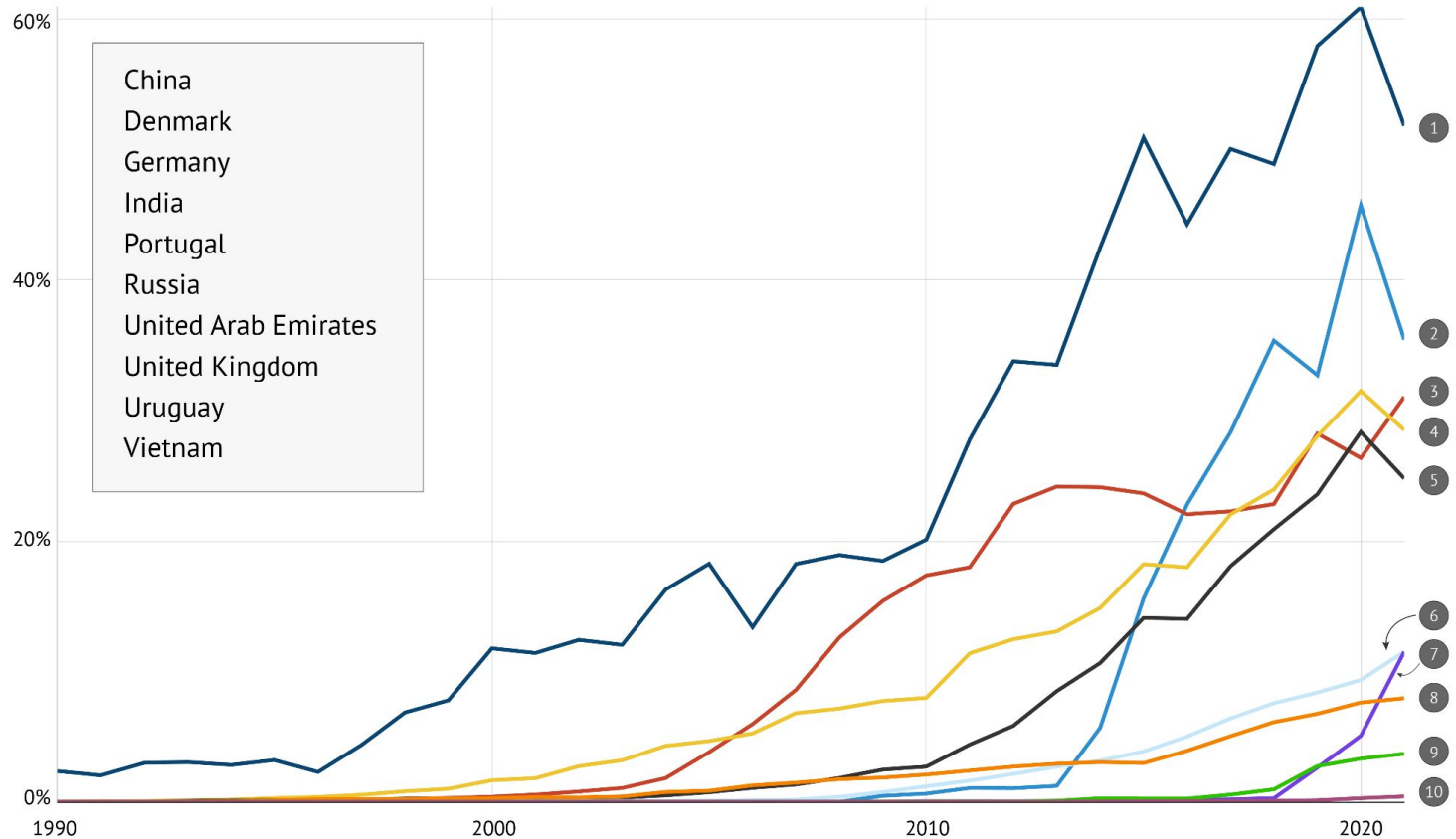
Position	Team	Score	Position	Team	Score
1	The Climate Justice League (Centre for Science and Environment)*	31	=22	Defra-nitely Climate Experts (Defra)*	21
2	Trick or Heat (BEIS International)	30	=22	For Frack's Sake (Ricardo)*	21
3	InfluenceMap (InfluenceMap)*	27	=22	The Arctic Penguins (Grantham Institute, Imperial College)*	21
4	Cli-Mates (Cli-Mates)*	26	=27	Hot analysis, cool climate (International Climate Analysts)	20
=5	Carbon Trackers (Carbon Tracker Initiative)	25	=27	Northern Powerhaus (Priestley Centre, University of Leeds)*	20
=5	E3G (E3G)	25	=27	Devonians go Carboniferous (again) (Uni Exeter/Met Office)*	20
=5	ECIU (ECIU)*	25	=27	Carbon SeQUIZtrationers (Verisk Maplecroft)*	20
=5	Mrs Miggins' Vegan Pie Shop (Climate Change Committee)*	25	=27	Skeptical Science (Skeptical Science)*	20
=9	We're Trying Our Best (BEIS SICE)	24	=32	Carbon Bubbles (Changing Markets Foundation and others)	19
=9	Still Making Mission Possible (Energy Transitions Commission)*	24	=32	Down to Earth Sciences (Earth Sciences UCL)	19
=9	Catch Us CIFF You Can (CIFF)*	24	=32	Oxford's Quiz School (of Enterprise & the Environment)	19
=12	Chaos with Ed Miliband (ECF)	23	=35	Everything's Fine (BEIS Science and Innovation)	18
=12	Institute for Sustainable Resources (UCL)*	23	=35	Planet Saviors ((Cohort 9 Grantham Institute))	18
=12	Green is the new black (University of Exeter)*	23	=35	Spread the MESSAGE (IIASA))*	18
=12	DMI Arctic CMIPsters (DMI)*	23	=38	The Penny Pinchers (HM Treasury)	17
=16	Team Panda (WWF UK)	22	=38	It Could Be Worse (Energy foundations united)	17
=16	Jacob Dees-Mogg (DeSmog (& co))	22	=38	YOU SHALL NOT GAS (*)	17
=16	Did you see the crowd outside parliament advocating for onshore wind? I hear they're big fans	22	=41	Zero Equizzion Vehicles (Department for Transport)	16
=16	Glasgow Climate Pack (FCDO)	22	=41	901ers (University of Exeter, Room 901)*	16
=16	Under the Weather (Met Office)*	22	43	The Piers Corbyn Fan Club (University of Exeter)*	15
=16	FT Climate Capital (Financial Times)*	22	44	IRA (Inflation Reduction Act) (U.S. Embassy)	12
=22	Ember (Ember)	21	45	In this quiz we'll probably net-zero (Met Office)*	11
=22	Wham bam thank CBAM (Aldersgate Group)	21			

Round 3

<https://bit.ly/cbquiz2022>

Match the country with its share of wind and solar electricity

Share of electricity supply from wind and solar, %



Carbon Brief analysis of figures from BP and Ember.

Round 4. Science

1. According to the IPCC's WG2 report, the threat that climate change poses to human well-being and the health of the planet is what? (1 pt)

(a) Unambiguous (b) Undeniable (c) Unequivocal (d) Unmistakeable

2. Match the World Weather Attribution statement to the extreme event in 2022: (4 pts)

(a) Eastern South Africa extreme rains (April)
(b) India & Pakistan's heatwave (March-May)
(c) Pakistan's extreme monsoon rainfall (June-August)
(d) UK's 40C heatwave (July)

30 times more likely; At least 10 times more likely;
Likely increased; Twice as likely;

3. If you encountered a "moulin" on an ice sheet, what would you see?

(1 pt)

(a) A mountain protruding above the surface
(b) A vertical shaft melted by running water
(c) A mass of rocks and sediment deposited by a glacier
(d) An individual lake on the surface

4. Match the IPCC special report to the year in which it was published:

(5 pts)

(a) Aviation and the global atmosphere
(b) Global warming of 1.5C
(c) Land use, land-use change and forestry
(d) Renewable energy sources and climate change mitigation
(e) Safeguarding the ozone layer and the global climate system

1999; 2000; 2005; 2011; 2018;

5. Which southern-hemisphere island, 93% of which is covered with glaciers, is the world's most remote island? (1 pt)

(a) Bouvet island (b) Campbell Island (c) Macquarie Island (d) Tristan da Cunha

6. The Fujita scale is used to categorise the intensity of what? (1 pt)

(a) Avalanches (b) Lightning
(c) Sandstorms (d) Tornadoes

7. Before the ongoing "triple-dip" event, when were the last three La Nina events (according to NOAA)? (3 pts)

(a) 1997-98 (b) 2003-04 (c) 2009-10 (d) 2010-12
(e) 2014-16 (f) 2016 (g) 2017-18 (h) 2018-19

8. Which two of these names are NOT on the list for Atlantic hurricanes in 2022? (2 pts)

(a) Alex (b) Bertha (c) Colin (d) Debby
(e) Earl (f) Fiona (g) Gaston (h) Hermine

9. This year, Antarctic sea ice hit a record low extent for the satellite record. What size did it reach? (1 pt)

(a) 1.66m km² (b) 1.92m km² (c) 2.22m km² (d) 2.57m km²

10. How many UK weather stations recorded a temperature of 40C or more this summer? (1 pt)

(a) 3 (b) 5 (c) 7 (d) 9

Round 5

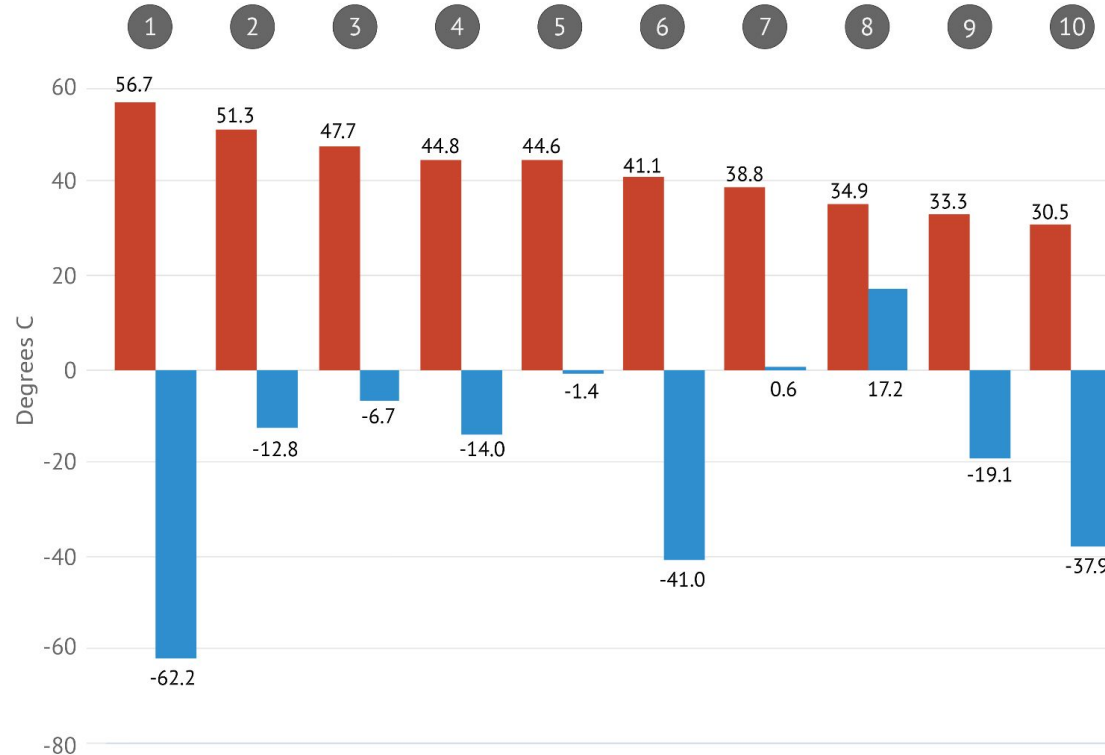
<https://bit.ly/cbquiz2022>

Match the country with its record max and min temperature

Record max and min temperatures, degrees C

● Record max

● Record min



- Algeria
- Brazil
- Burkina Faso
- Cuba
- Eswatini
- Greenland
- Hong Kong
- Iceland
- Ireland
- Japan
- Maldives
- Thailand
- United Kingdom
- United States

From the internet. Please note there will be 4 countries left over.



Carbon Brief Quiz 2022: Final leaderboard

Position	Team	Score	Position	Team	Score
1	The Climate Justice League (Centre for Science and Environment)*	87	=23	Hot analysis, cool climate (BEIS)	50
2	ECIU (ECIU)*	76	=23	Defra-nitely Climate Experts (Defra)*	50
3	FT Climate Capital (Financial Times)*	71	=26	Catch Us ClIFF You Can (ClIFF)*	49
4	Cli-Mates (Cli-Mates)*	68	=26	Skeptical Science (Skeptical Science)*	49
5	InfluenceMap (InfluenceMap)*	67	=28	Everything's Fine (BEIS Science and Innovation)	48
6	Still Making Mission Possible (Energy Transitions Commission)*	62	=28	901ers (University of Exeter, Room 901)*	48
=7	Carbon Trackers (Carbon Tracker Initiative)	61	=28	Devonians go Carboniferous (again) (Uni Exeter/Met)*	48
=7	Institute for Sustainable Resources (UCL)*	61	=31	Wham bam thank CBAM (Aldersgate Group)	47
=9	Ember (Ember)	60	=31	We're Trying Our Best (BEIS Science and Innovation)	47
=9	DMI Arctic CMIPsters (DMI)*	60	=31	Glasgow Climate Pack (FCDO)	47
11	Northern Powerhaus (University of Leeds)*	59	=34	It Could Be Worse (Energy foundations united)	46
12	Oxford's Quiz School (of Enterprise & the Environment)	57	=34	Did you see the crowd outside parliament advocating for onshore wind? I hear they're big fans (National Trust)	46
=13	Mrs Miggins' Vegan Pie Shop (CCC)*	56	=34	Trick or Heat (BEIS International)	46
=13	The Arctic Penguins (Imperial College London)*	56	37	YOU SHALL NOT GAS ()*	44
15	Chaos with Ed Miliband (ECF)	55	=38	Down to Earth Sciences (Earth Sciences UCL)	43
16	Green is the new black (University of Exeter)*	54	=38	Under the Weather (Met Office)*	43
=17	Team Panda (WWF UK)	53	40	The Piers Corbyn Fan Club (University of Exeter)*	42
=17	Zero Equizzion Vehicles (Department for Transport)	53	41	Jacob Dees-Mogg (DeSmog (& co))	40
19	E3G (E3G)	52	42	Planet Savors (Imperial College London (Cohort 9))	38
=20	Carbon SeQUIZtrationers (Verisk Maplecroft)*	51	43	The Penny Pinchers (HM Treasury)	36
=20	Spread the MESSAGE (IIASA)*	51	44	In this quiz we'll probably net-zero (Met Office)*	35
=20	For Frack's Sake (Ricardo)*	51	45	IRA (Inflation Reduction Act) (U.S. Embassy - Environment, Science, Technology, and Health Unit)	33
=23	Carbon Bubbles (Changing Markets Foundation)	50			

Answers

Round 1. General Knowledge

1. How many years did the "100 Years War" between France and England actually last? (1 pt)

(b) 116

2. Match the Marvel hero to their alter ego: (8 pts)

(a) Carol Danvers/Captain Marvel (b) James Rhodes/War Machine
(c) Jennifer Walters/She-Hulk (d) Natasha Romanoff/Black Widow
(e) Quentin Beck/Mysterio (f) T'Challa/Black Panther
(g) Wade Wilson/Deadpool (h) Wanda Maximoff/Scarlet Witch

**3. If Serena Williams equals 23, solve this equation...
((Nadal + Murray) - Raducanu) / Osaka = ? (1 pt)**

(b) 6

4. Which of these animals cannot swim? (1 pt)

(b) Hippopotamus

5. Will Smith's face-slapping appearance at the 2022 Oscars made headlines around the world, but which four actors did he beat to the Best Actor award? (4 pts)

(a) Javier Bardem (b) Benedict Cumberbatch (f) Andrew Garfield
(j) Denzel Washington

6. Which African country has the "Caprivi Strip" protruding 280 miles from its north-eastern corner? (1 pt)

(c) Namibia

7. Margaret Hale, Molly Gibson and Mary Barton are among the heroines of which Victorian novelist? (1 pt)

(c) Elizabeth Gaskell

8. What was the UK number one single on September 8 (on the day of the death of Queen Elizabeth II) (1 pt)

(c) Eliza Rose and Interplanetary Criminal, B.O.T.A (Baddest Of Them All)

9. Who scored the opening goal for England in the UEFA Women's Euro 2022 final at Wembley? (1 pt)

(d) Ella Toone

10. Which country is the most linguistically diverse in the world? (1 pt)

(d) Papua New Guinea

Round 2. Policy

1. Match the ministry to the country: (10 pts)

- (a) Department of Climate Change, Energy, the Environment and Water / Australia
- (b) Ministry for the Ecological Transition and the Demographic Challenge / Spain
- (c) Ministry for the Environment, Nature Conservation, Nuclear Safety and Consumer Protection / Germany
- (d) Ministry of Climate and Environment / Poland
- (e) Ministry of Climate Change / Pakistan
- (f) Ministry of Ecology and Environment / China
- (g) Ministry of Environment and Forestry / Kenya
- (h) Ministry of Environment, Forest and Climate Change / India
- (i) Ministry of the Environment And Sustainable Development / Argentina
- (j) Ministry of Natural Resources and Environment / Russia

2. When was the term "loss and damage" first used at UN climate negotiations? (1 pt)

- (b) 1991

3. How much money is the Inflation Reduction Act earmarked to spend on climate and energy measures in the US over the next 10 years? (1 pt)

- (c) \$369bn

4. In the run-up to COP26, who said "the way to reduce climate emissions from flying isn't to stop flying"? (1 pt)

- (d) Liz Truss

5. Name the missing minister in this sequence....

Charles Hendry, John Hayes, XXXXXX, Matt Hancock. (1 pt)

- (a) Michael Fallon

6. The long-delayed UN Biodiversity Conference known as COP15 is due to be held in Montreal in December. But where was COP14 held? (1 pt)

- (d) Sharm El-Sheikh

7. In a recent review of 32 independent studies, how many backed the use of hydrogen for home heat? (1 pt)

- (a) 0

8. Chinese media reports say the country plans to add 874GW of wind and solar during 2021-25. How many times larger is this than current UK wind and solar capacity? (1 pt)

- (d) 21 times

9. When David Cameron "cut the green crap" by slashing the Energy Company Obligation (ECO) in 2013, how much was it supposed to save households per year? (1 pt)

- (b) £30-35

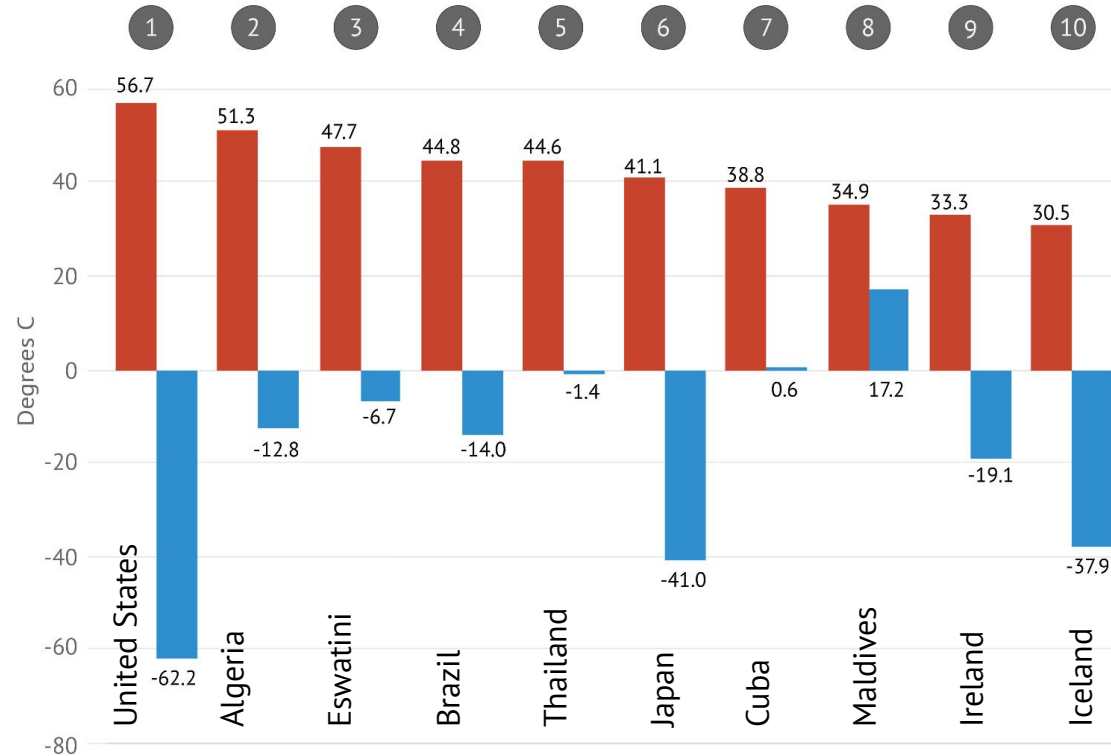
10. Who first proposed the climate-finance target of '\$100bn a year from 2020'? (2 pts)

- (a) Gordon Brown in a speech in London in June 2009

Match the country with its record max and min temperature

Record max and min temperatures, degrees C

● Record max ● Record min

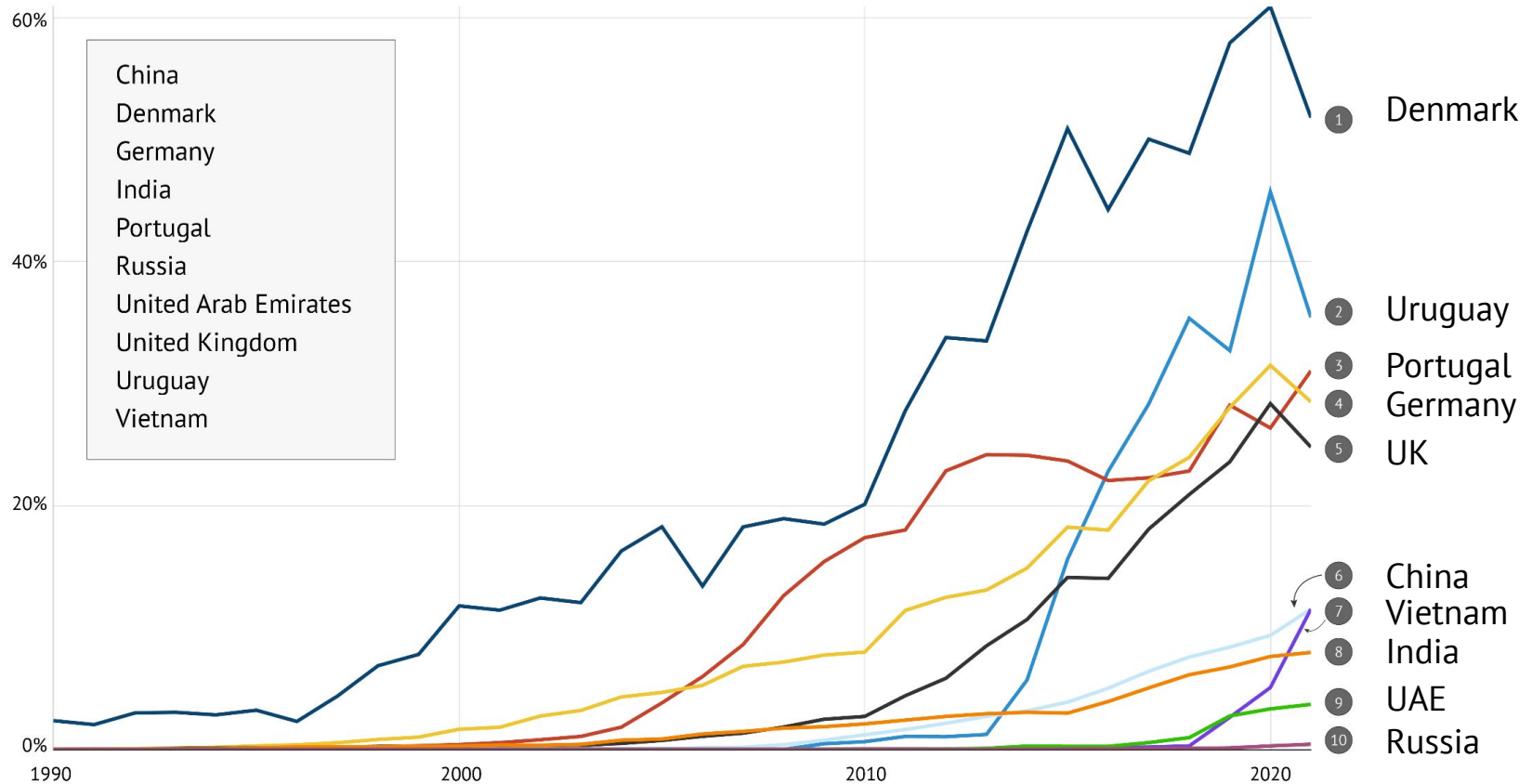


- Algeria
- Brazil
- Burkina Faso
- Cuba
- Eswatini
- Greenland
- Hong Kong
- Iceland
- Ireland
- Japan
- Maldives
- Thailand
- United Kingdom
- United States

From the internet. Please note there will be 4 countries left over.

Match the country with its share of wind and solar electricity

Share of electricity supply from wind and solar, %



Carbon Brief analysis of figures from BP and Ember.

Round 4. Science

1. According to the IPCC's WG2 report, the threat that climate change poses to human well-being and the health of the planet is what? (1 pt)

(c) Unequivocal

2. Match the World Weather Attribution statement to the extreme event in 2022: (4 pts)

- (a) Eastern South Africa extreme rains (April) / Twice as likely
- (b) India & Pakistan's heatwave (March-May) / 30 times more likely
- (c) Pakistan's extreme monsoon rainfall (June-August) / Likely increased
- (d) UK's 40C heatwave (July) / At least 10 times more likely;

3. If you encountered a "moulin" on an ice sheet, what would you see?

- (1 pt)
- (b) A vertical shaft melted by running water

4. Match the IPCC special report to the year in which it was published: (5 pts)

- (a) Aviation and the global atmosphere / 1999
- (b) Global warming of 1.5C / 2018
- (c) Land use, land-use change and forestry / 2000
- (d) Renewable energy sources and climate change mitigation / 2011
- (e) Safeguarding the ozone layer and the global climate system / 2005

5. Which southern-hemisphere island, 93% of which is covered with glaciers, is the world's most remote island? (1 pt)

(a) Bouvet island

6. The Fujita scale is use to categorise the intensity of what? (1 pt)

(d) Tornadoes

7. Before the ongoing "triple-dip" event, when were the last three La Nina events (according to NOAA)? (3 pts)

(d) 2010-12 (f) 2016 (g) 2017-18

8. Which two of these names are NOT on the list for Atlantic hurricanes in 2022? (2 pts)

(b) Bertha (d) Debby

9. This year, Antarctic sea ice hit a record low extent for the satellite record. What size did it reach? (1 pt)

(b) 1.92m km²

10. How many UK weather stations recorded a temperature of 40C or more this summer? (1 pt)

(c) 7