

Health that Will Save Consumers Money, and Increase Energy Security

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- ????CO₂????2????100????CO₂????????????????????????
- EV1????????????12,000????????????????????200????????????????????????
- ?????????????2032????????????????SUV????????67????????????????50????????35????????25????????

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Most Americans Are Not Completely Sold on Electric Vehicles

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- EV????4????????12????????EV????
- ?????43%????EV????????41%????

Americans Are Slow to Adopt Electric Vehicles

Thinking now about electric vehicles, which of the following applies to you -- you currently own an electric vehicle, you are seriously considering buying an electric vehicle, you might consider buying an electric vehicle in the future, or you would not buy an electric vehicle?



March 1-23, 2023

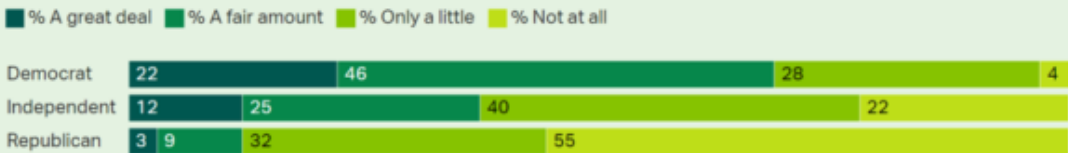
[Get the data](#) • [Download image](#)

GALLUP

- EV ownership is currently low, with only 4% of Americans owning an electric vehicle.
- However, 57% of Americans are considering buying an electric vehicle, either seriously (12%) or in the future (43%).
- The majority of Americans (41%) have decided they would not buy an electric vehicle.
- This suggests that while there is significant interest in electric vehicles, there are still barriers to widespread adoption.

Americans' Perceptions of Electric Vehicles' Effect on Climate Change, by Party ID

How much do you think the use of electric vehicles helps address climate change -- a great deal, a fair amount, only a little or not at all?



March 1-23, 2023
Those with no opinion are not shown.

[Get the data](#) • [Download image](#)

GALLUP

Democrat: 22% A great deal, 46% A fair amount, 28% Only a little, 4% Not at all

Independent: 12% A great deal, 25% A fair amount, 40% Only a little, 22% Not at all

Republican: 3% A great deal, 9% A fair amount, 32% Only a little, 55% Not at all

Overall: 57% A great deal or a fair amount, 43% Only a little or not at all

EV ownership is slow to grow, with only 4% of Americans currently owning one. While 57% are considering buying an EV, 41% have decided not to. Perceptions of EVs' effect on climate change vary by party ID, with Democrats and Independents more likely to see a great or fair amount of benefit, while Republicans are more likely to see only a little or no benefit.

Posted in EVs, Climate Change | No Comments »

IPCC AR6 Sea Level Projection Tool

20.05.2023 · Tuesday, May 16th, 2023



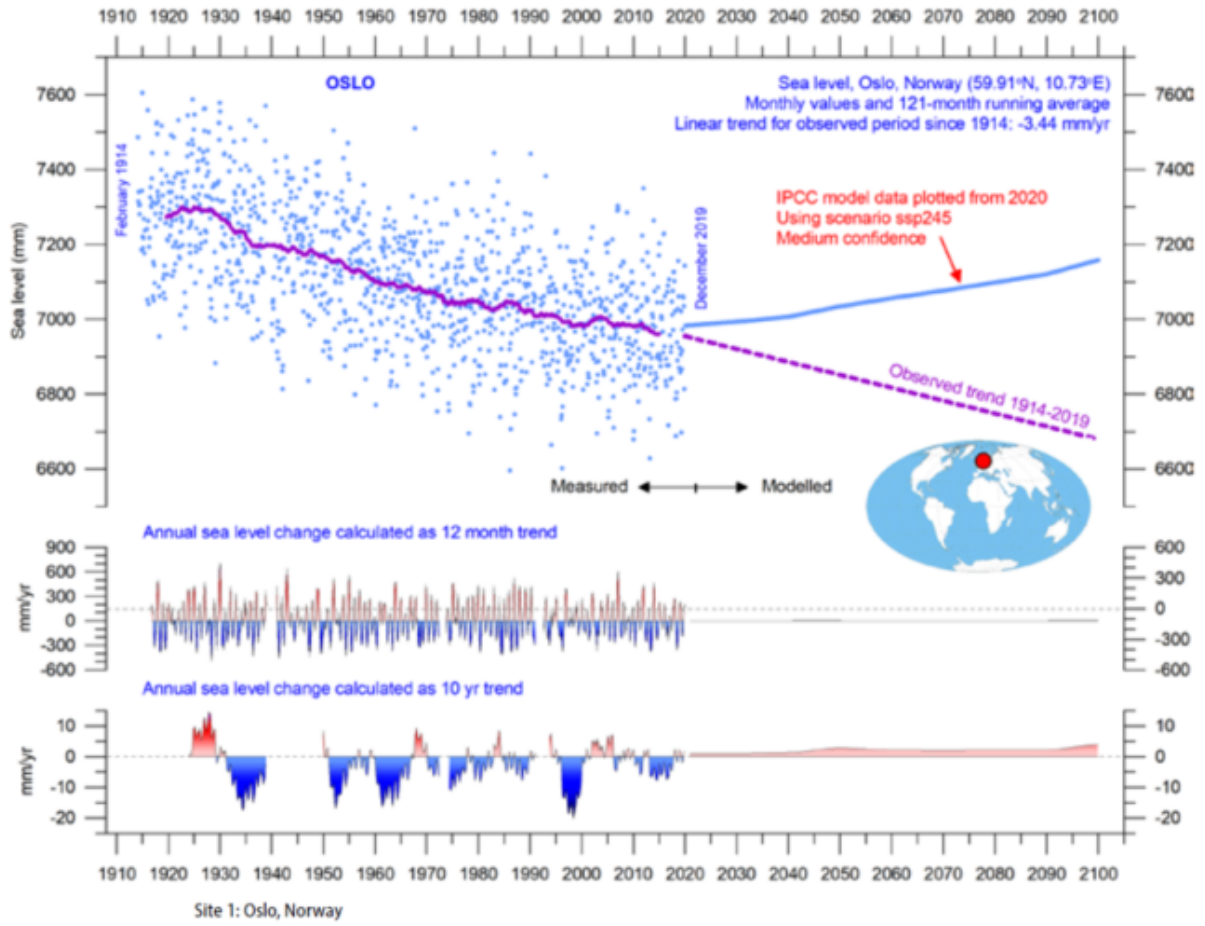
remotefx/iStock

IPCC AR6 Sea Level Projection Tool

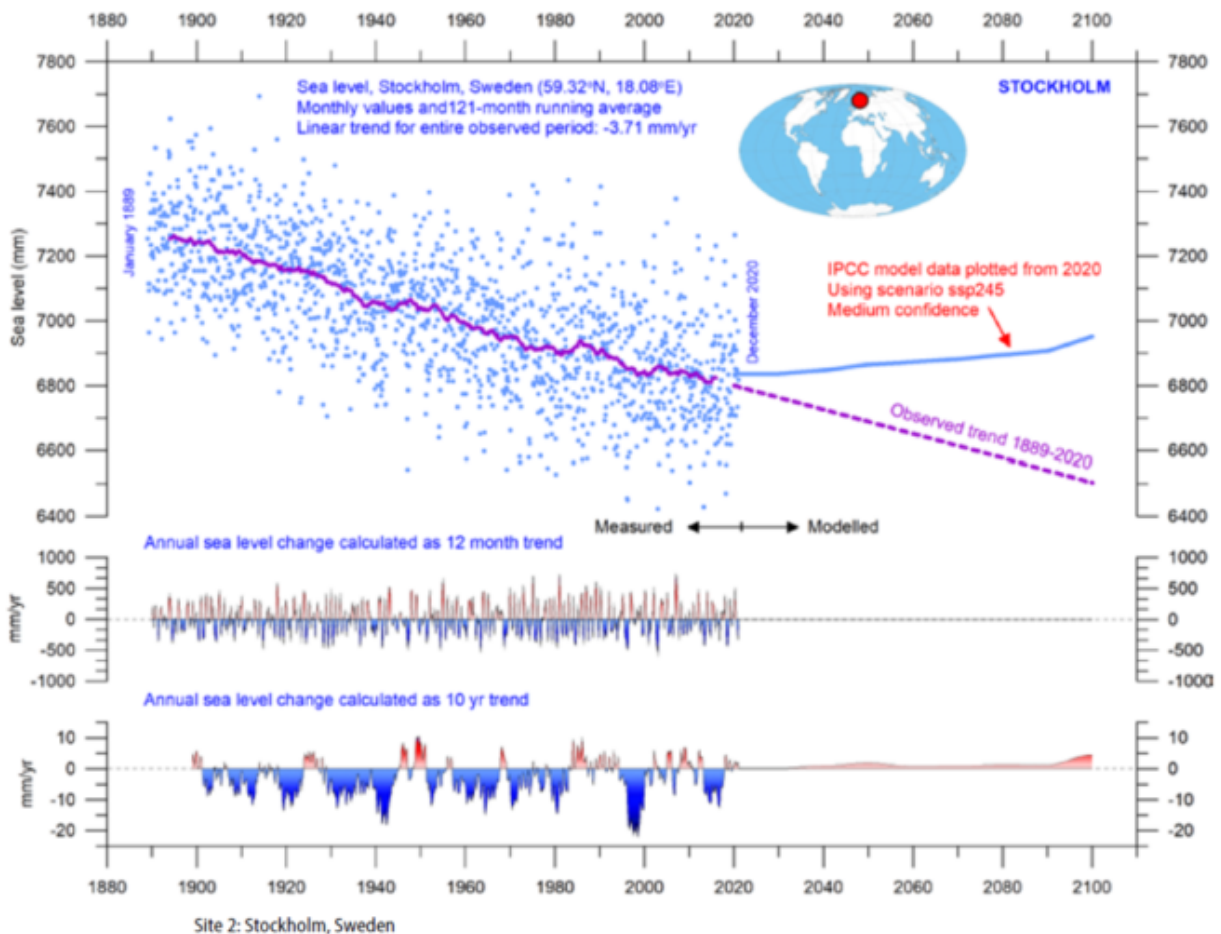
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IPCC AR6 Sea Level Projection Tool

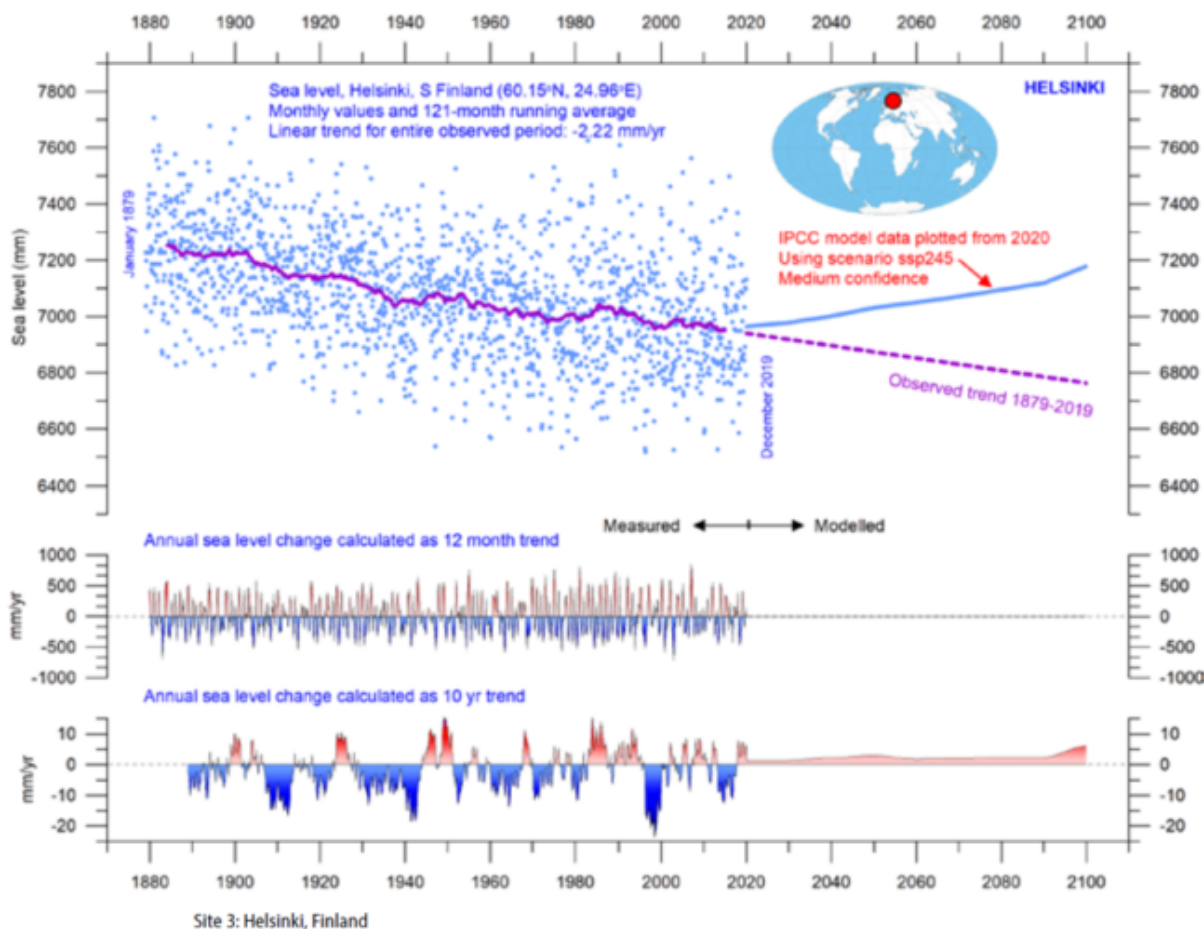
IPCC AR6 Sea Level Projection Tool



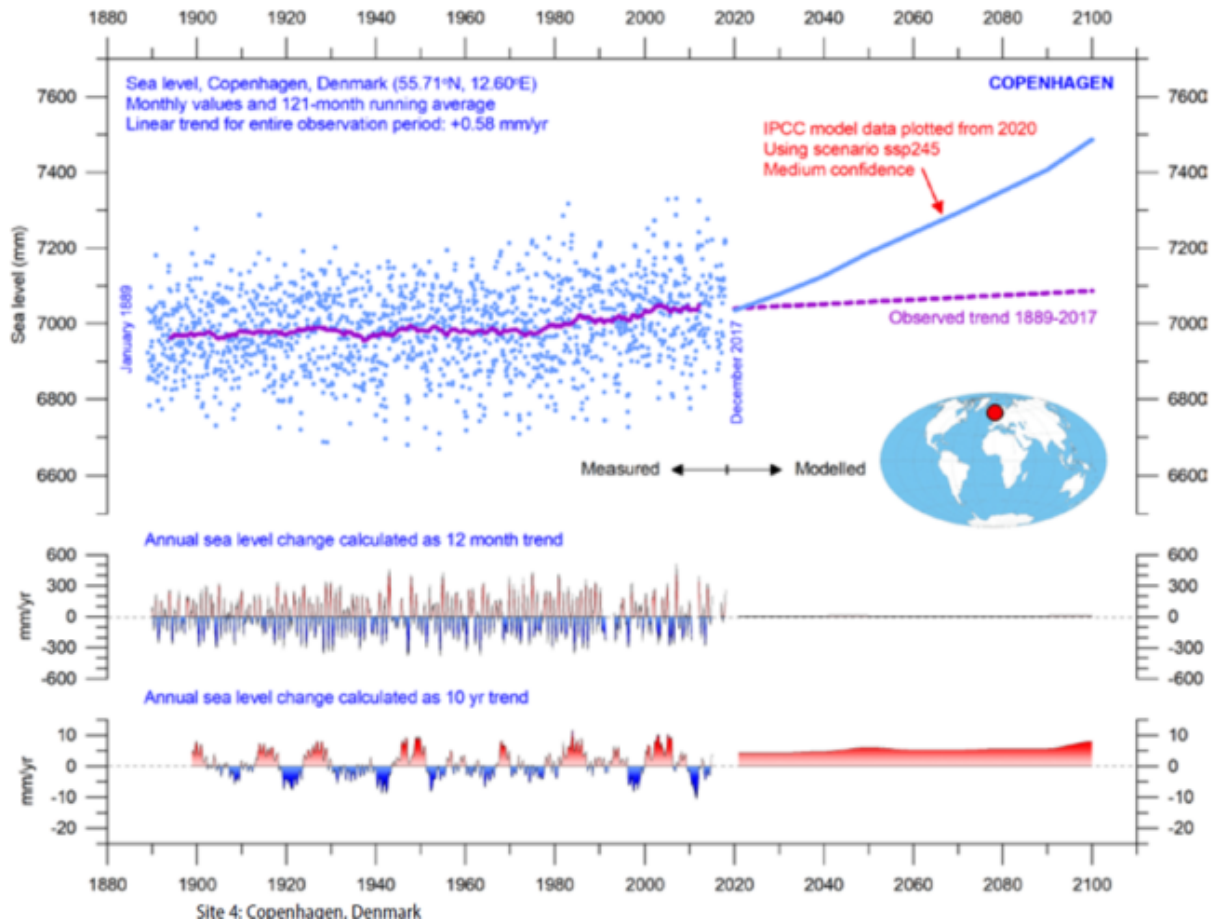
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Posted in ???, ????? | No Comments »

IPCC??????62????????????????

?? ?? · Monday, May 15th, 2023

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Wikipedia??

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Posted in ???, ????? | No Comments »

IPCC?????61?????????????????

?? ?? · Sunday, May 14th, 2023



borchee/iStock

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IPCC??????4??????Snow Cover Extent, SCE??

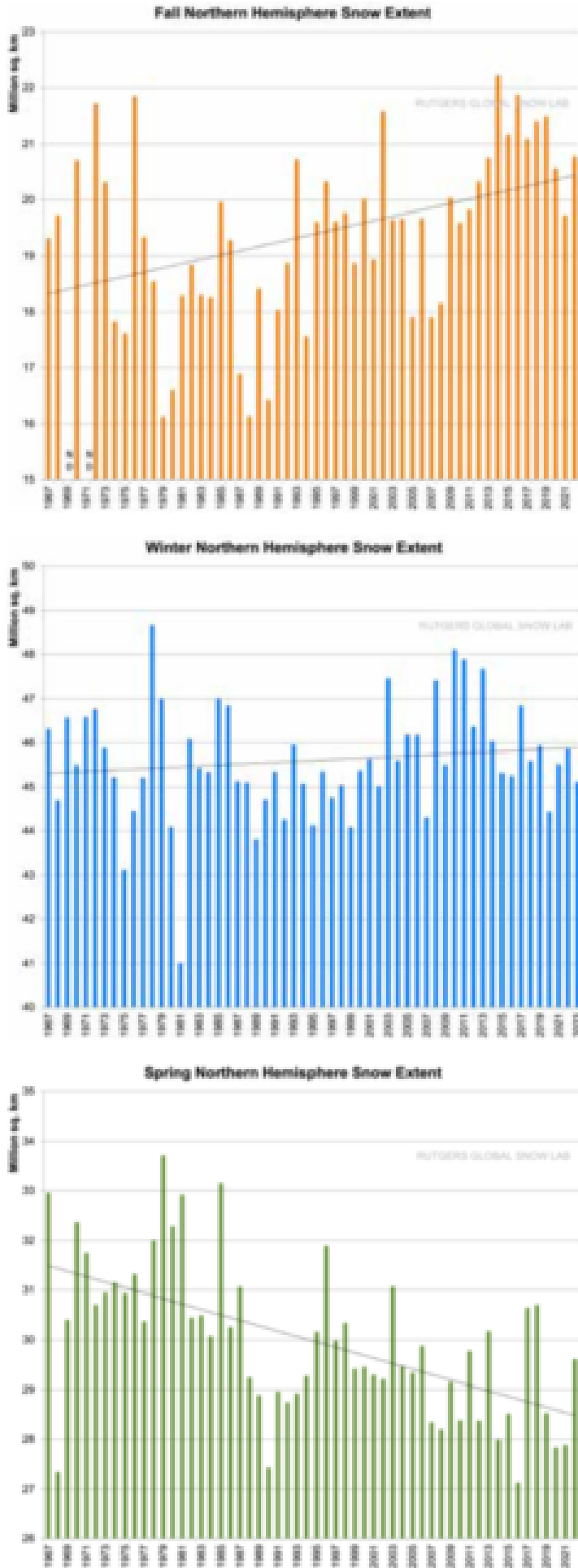


Figure 4: Snow cover extent (SCE) for the Northern Hemisphere for autumn, winter and spring. From: Rutgers Global Snow Lab (2023)

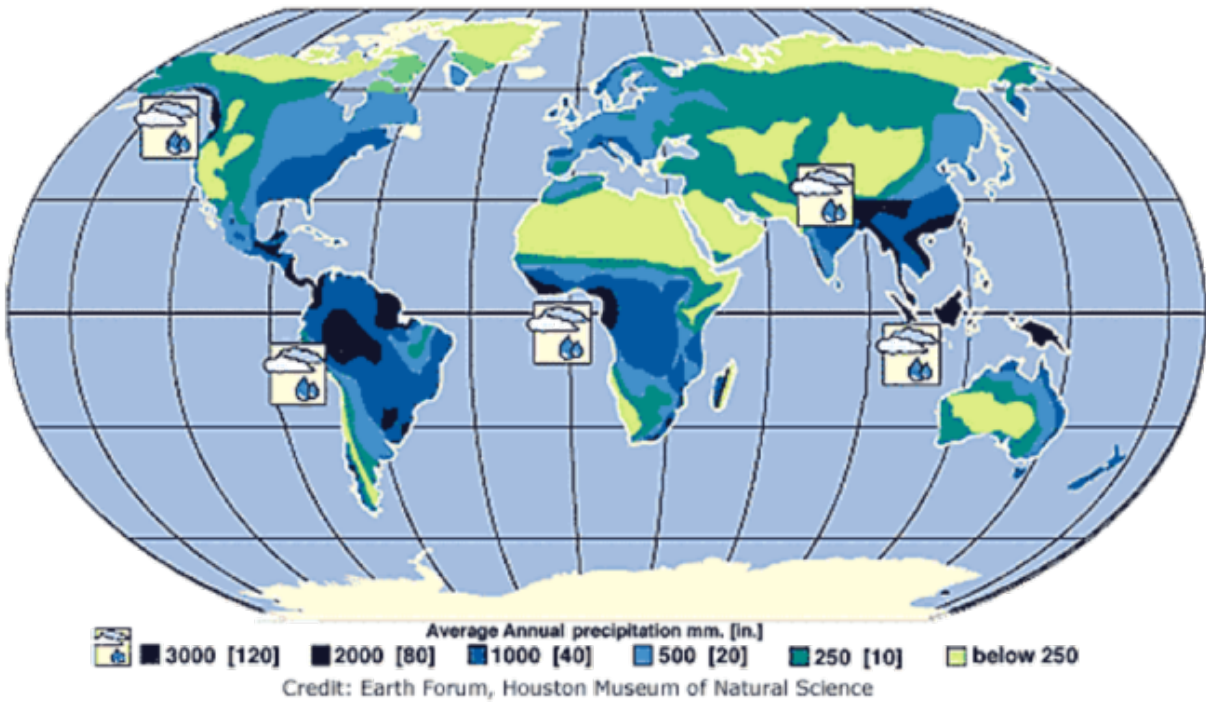
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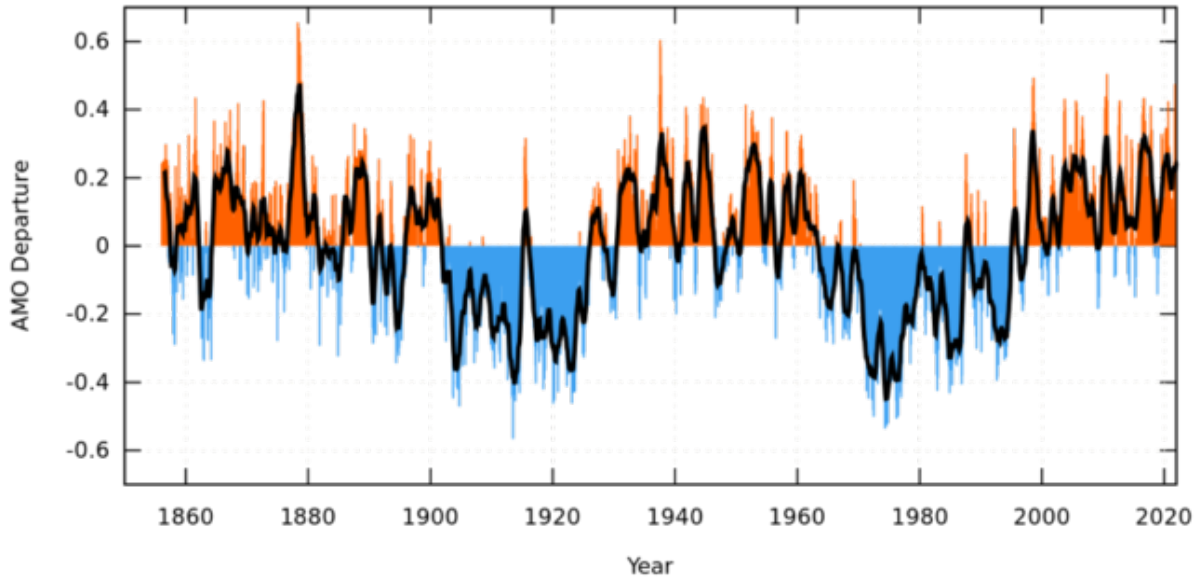
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Monthly values for the AMO index, 1856 - 2022



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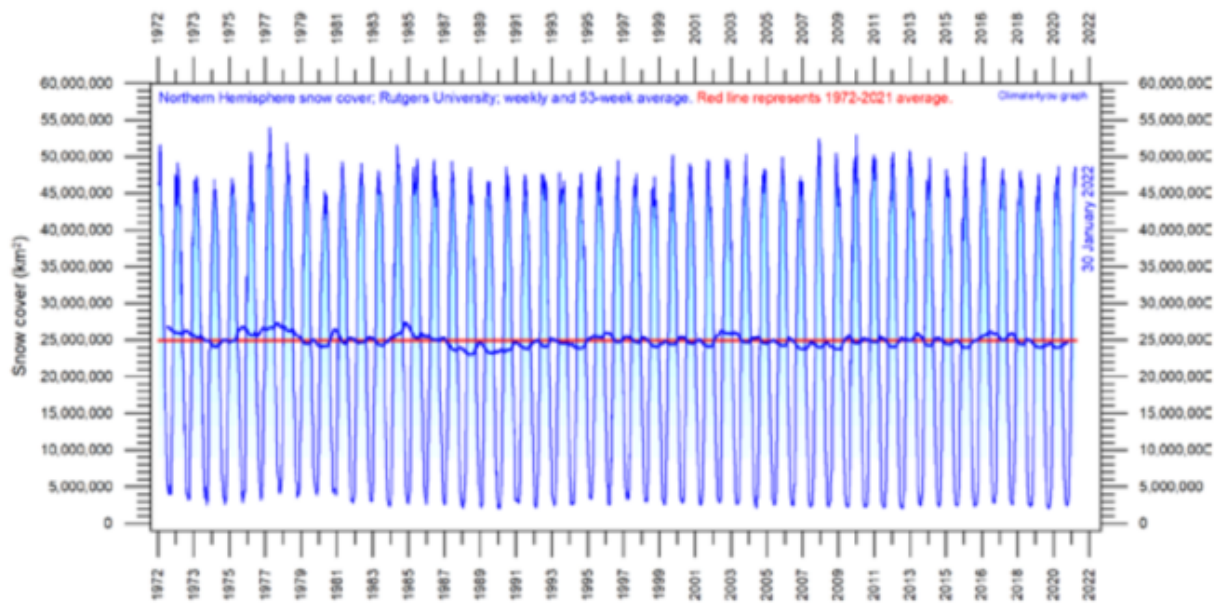


Figure 7: Northern hemisphere weekly snow cover since January 1972 according to the Rutgers University Global Snow Lab (<http://climate.rutgers.edu/snowcover>), the thin blue line is the weekly data, and the thick blue line is the running 53 week average (approximately 1 year). The horizontal red line is the 1972-2021 average. Last week shown: week 1 in 2022. Last figure update: 11 January 2022. Source: Ole Humlum, climate4you.com

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Posted in ???, ????? | No Comments »

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?? ??? ?? · Thursday, May 11th, 2023

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Posted in ???, ?? | No Comments »

RFK Jr.?2024????????????????

?? ?? · Wednesday, May 10th, 2023



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Kanur Ismail/iStock

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ESG 19 ESG

2024

CO2

年	日本	米国
1997年	▲6% (橋本政権)	▲7% (クリントン政権)
2015年	▲26% (安倍政権)	▲26% (オバマ政権)
2021年	▲46% (菅政権)	▲50~52% (バイデン政権)

CO2

CO2 CSR

2021 2021 46% 2024 ESG

ESG

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ESG CO2 CO ESG

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SDGs

Posted in ??????????, ??? | No Comments »

EU?EV????????????????e-fuel????

?? ?? · Sunday, April 30th, 2023



a-image/iStock

EU?EV?????

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Development Impact Meetings????????????????????

UN Secretary for Global Comms says we “own the science” on “climate change,”
and we think that “the world should know it.”

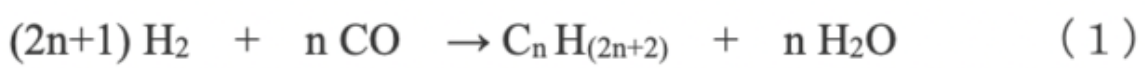
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Posted in ??????????, ??, ?????????? | No Comments »

G7????????????????????

?? ? · Tuesday, April 25th, 2023

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Posted in ??????????, ??? | [No Comments »](#)

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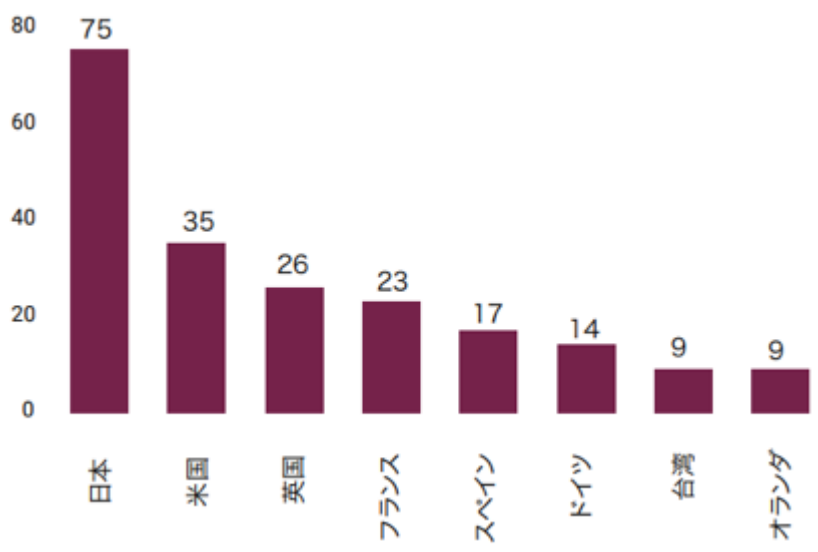
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気候変動 Aリスト 2022

Aリスト国・地域別企業数(上位8か国)



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Posted in ??????????, ??? | No Comments »

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?? ?? · Sunday, April 16th, 2023



deepblue4you/iStock

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Posted in ??????????, ??, ?? | No Comments »

Hydrogen

Friday, April 14th, 2023



Leestat/iStock

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2017-2021, 2021-2025, 2025-2030, 2030-2035, 2035-2040, 2040-2045, 2045-2050, 2050-2055, 2055-2060, 2060-2065, 2065-2070, 2070-2075, 2075-2080, 2080-2085, 2085-2090, 2090-2095, 2095-2100

2021-2025, 2025-2030, 2030-2035, 2035-2040, 2040-2045, 2045-2050, 2050-2055, 2055-2060, 2060-2065, 2065-2070, 2070-2075, 2075-2080, 2080-2085, 2085-2090, 2090-2095, 2095-2100

2017-2021, 2021-2025, 2025-2030, 2030-2035, 2035-2040, 2040-2045, 2045-2050, 2050-2055, 2055-2060, 2060-2065, 2065-2070, 2070-2075, 2075-2080, 2080-2085, 2085-2090, 2090-2095, 2095-2100

2017-2021, 2021-2025, 2025-2030, 2030-2035, 2035-2040, 2040-2045, 2045-2050, 2050-2055, 2055-2060, 2060-2065, 2065-2070, 2070-2075, 2075-2080, 2080-2085, 2085-2090, 2090-2095, 2095-2100

2017-2021, 2021-2025, 2025-2030, 2030-2035, 2035-2040, 2040-2045, 2045-2050, 2050-2055, 2055-2060, 2060-2065, 2065-2070, 2070-2075, 2075-2080, 2080-2085, 2085-2090, 2090-2095, 2095-2100

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?? ?? · Sunday, April 9th, 2023



Hello my names is james,I'm photographer./iStock

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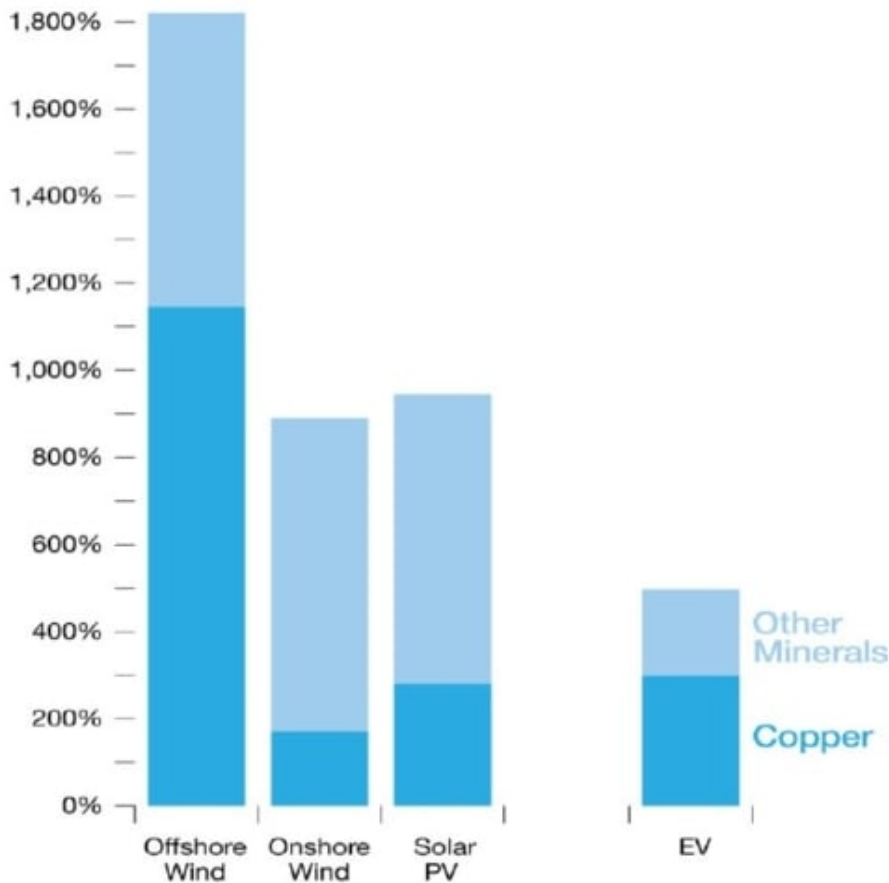
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Mineral Demands for Solar, Wind, and EV to Replace Hydrocarbon Machines

Increased Weight per Watt or per Car



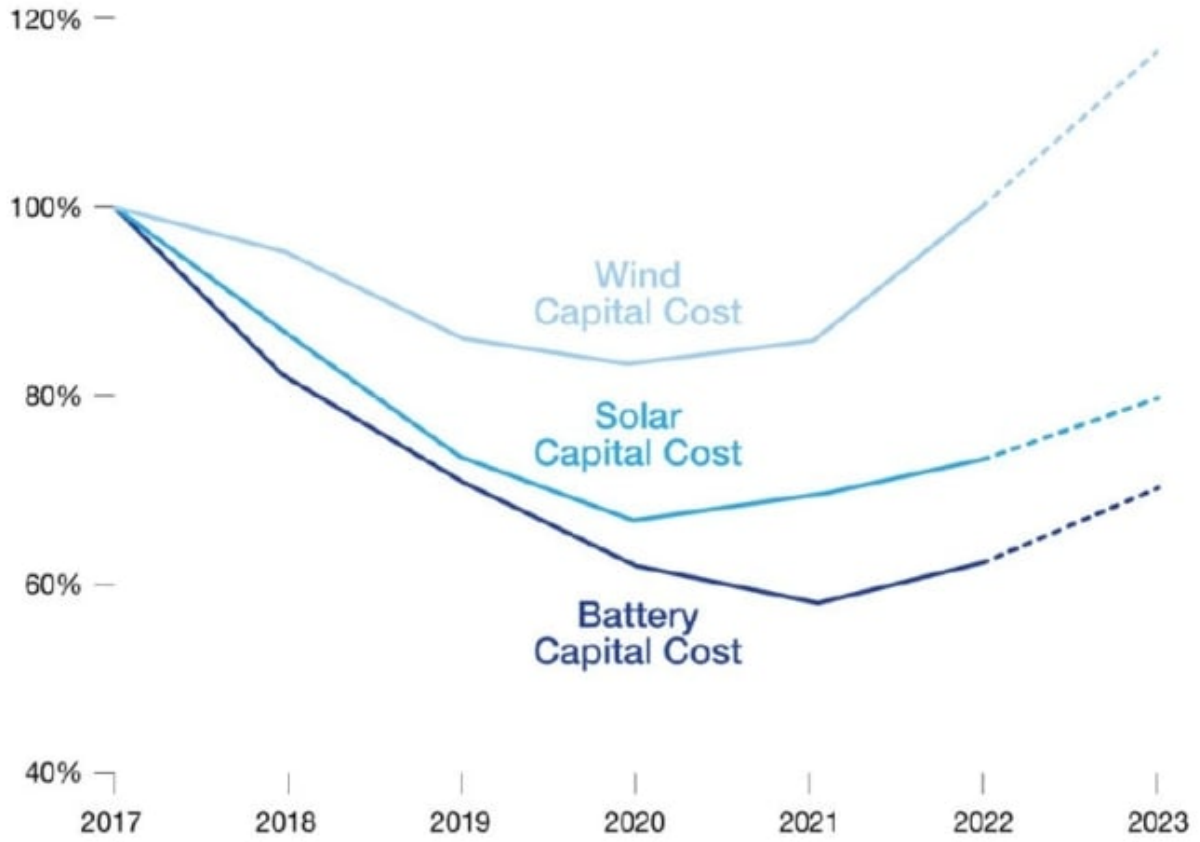
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Costs of Wind, Solar, and Battery Hardware

Change from 2017

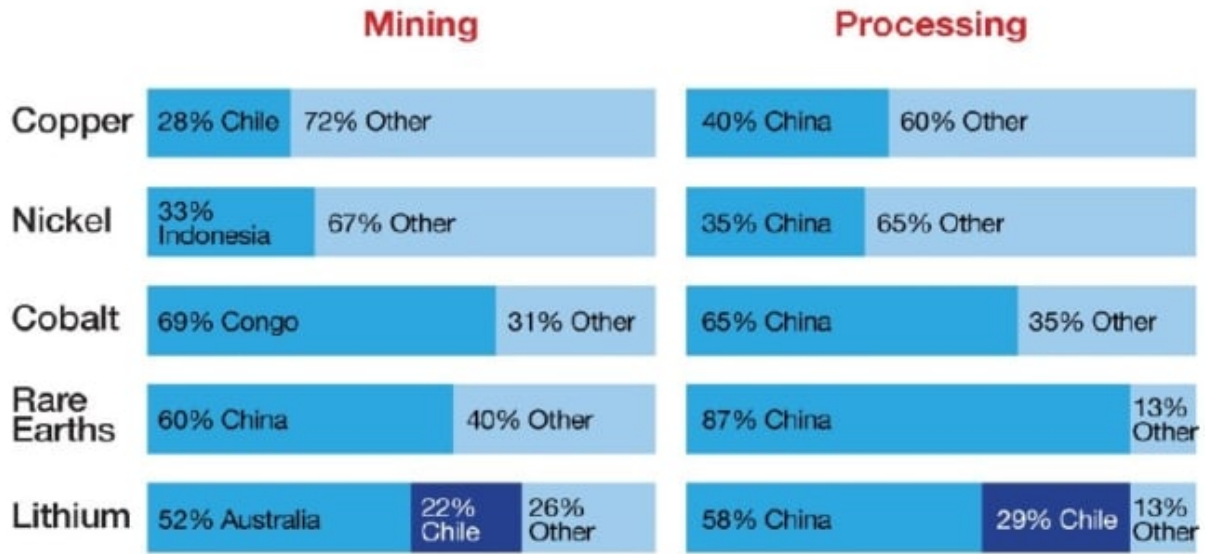


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Sources of Key Energy Transition Minerals



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Posted in ???, ????? | No Comments »

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?? ?? · Saturday, April 8th, 2023



HiddenCatch/iStock

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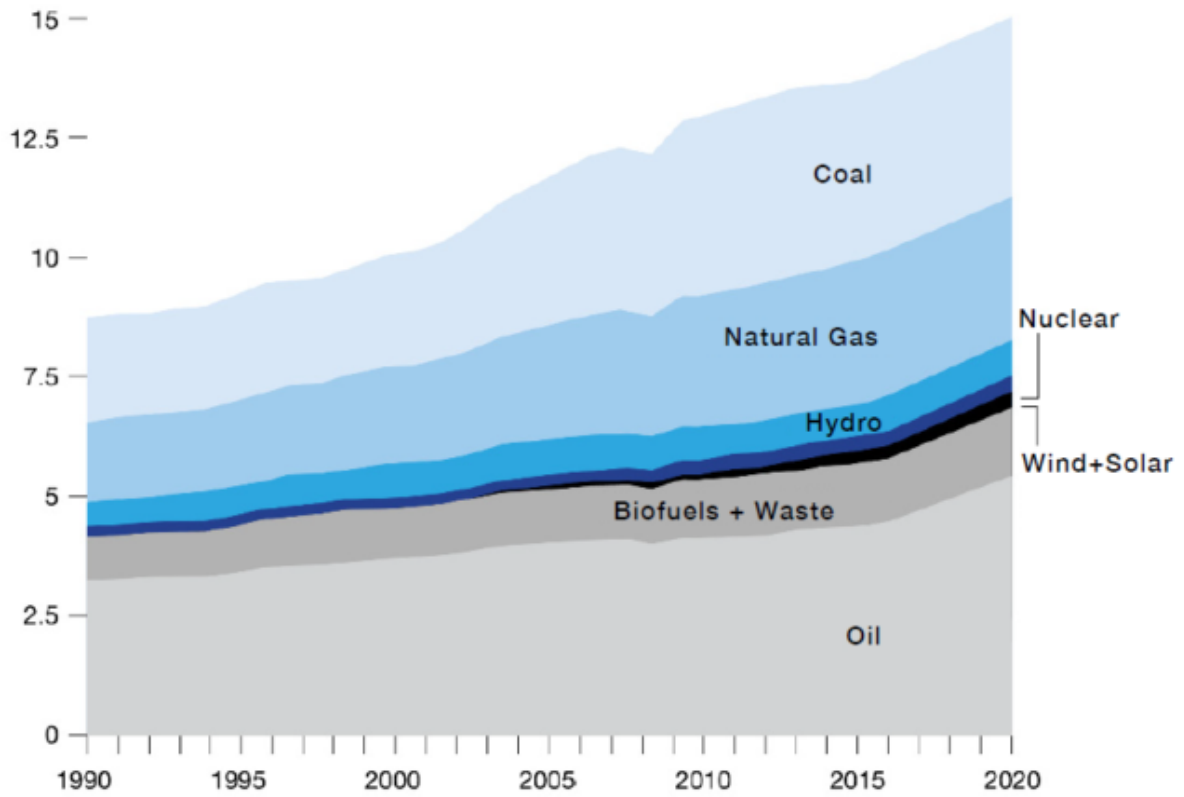
2050??

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Growth in Global Energy Supplies

Oil Equivalent (Billion Tons/Year)*



2. ???????????????

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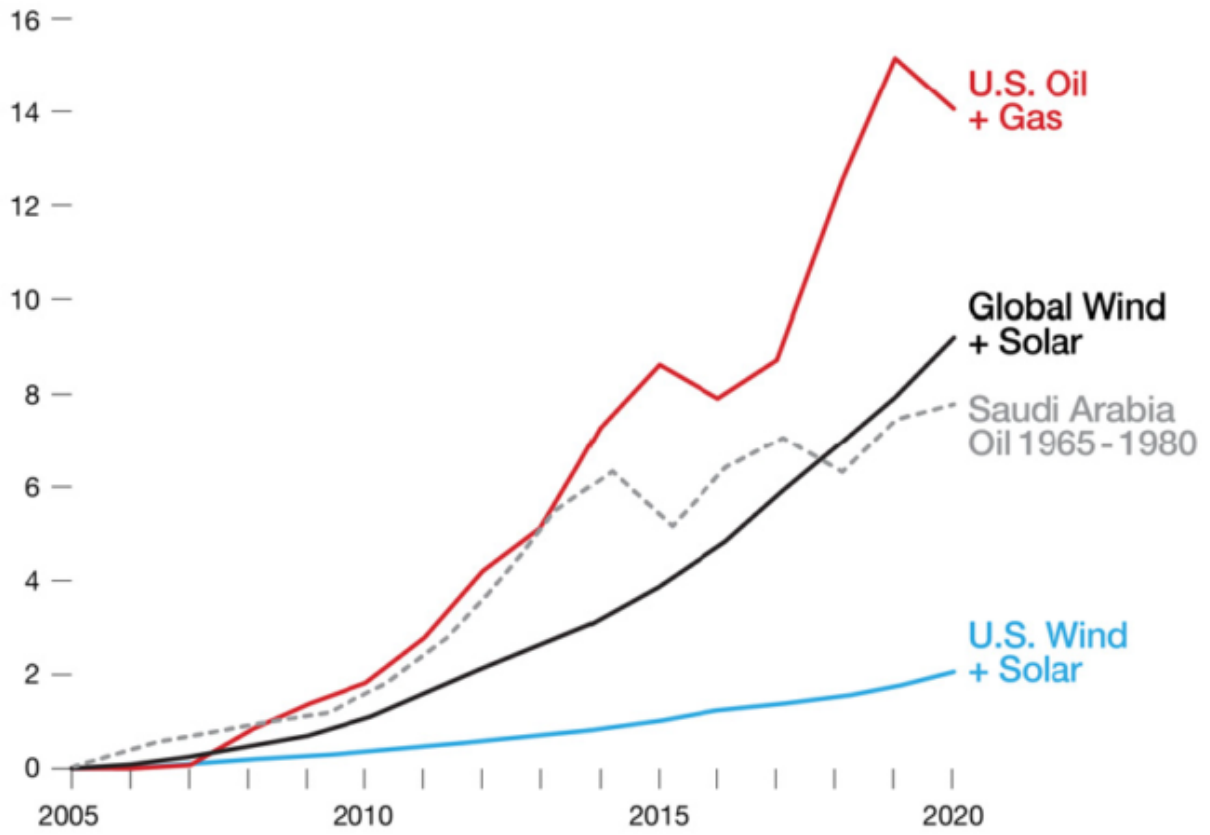
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Growth of Shale Energy vs. Wind+Solar 2005–20, Compared with Saudi Arabia Oil 1965–80

Increased Production (Million BOE/Day)

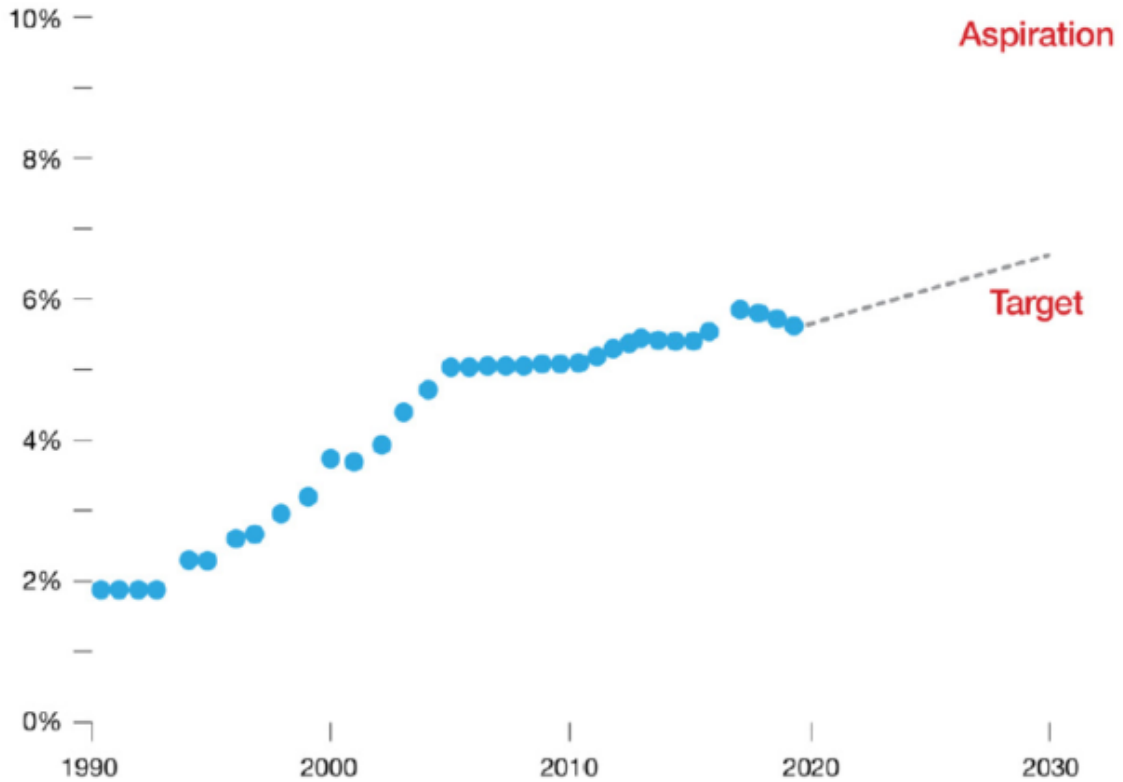


4. ?????????????????????

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Battery Energy Density* (% of Gasoline Density)



*Note: Density comparison incorporates the doubly superior efficiency of a battery+motor vs. gasoline+engine.

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Posted in ???, ????? | No Comments »

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?? ?? · Thursday, April 6th, 2023

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?? ?? · Wednesday, April 5th, 2023

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??1.5??CO2
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?? ?? · Tuesday, April 4th, 2023

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Posted in ???, ????? | No Comments »

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 ?? ? · Sunday, April 2nd, 2023



Jorm Sangsorn/iStock

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20km 4
 100 150
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 1 CO2 1 6 11 1km 28 99 3.5 2 1 100 kW
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 1853 3 70 1923 1995 2011 2016 100 150
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Posted in ???, ????? | [No Comments »](#)

??EV????????????????????????????????

?? ??? · Saturday, April 1st, 2023



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1600????7800????????????????EV????????????????1640??2021??????1??????

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????????????1??EV????????????

EV????????????1??500kg????????2000kg????????1??EV????????7000????????3000?
????????????????????500kg?7000?? ? 2000kg?3000??9500????????

2020????EV????145.5GWh????2021.11????EV??80kWh????500kg????6kg?kWh??
?145.5kWh????90????????1??EV????????9500????2020????100????????
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TESLA MOTORS CLUB?????

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EV????????????67??2019????????????95????????EV????????????EV??CO2??

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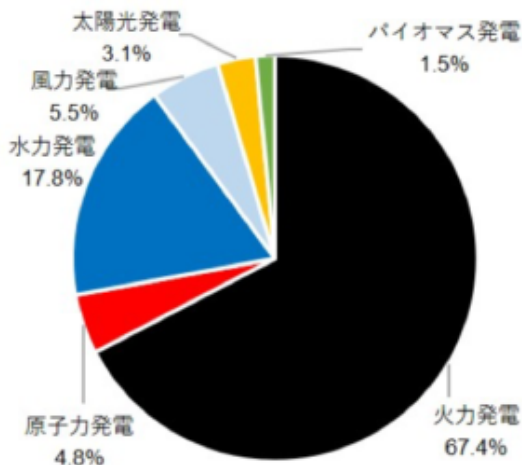


図4 2019年の中国の発電電力量の構成

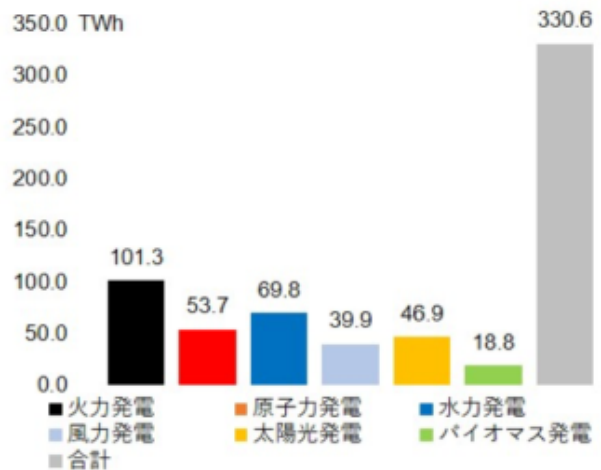


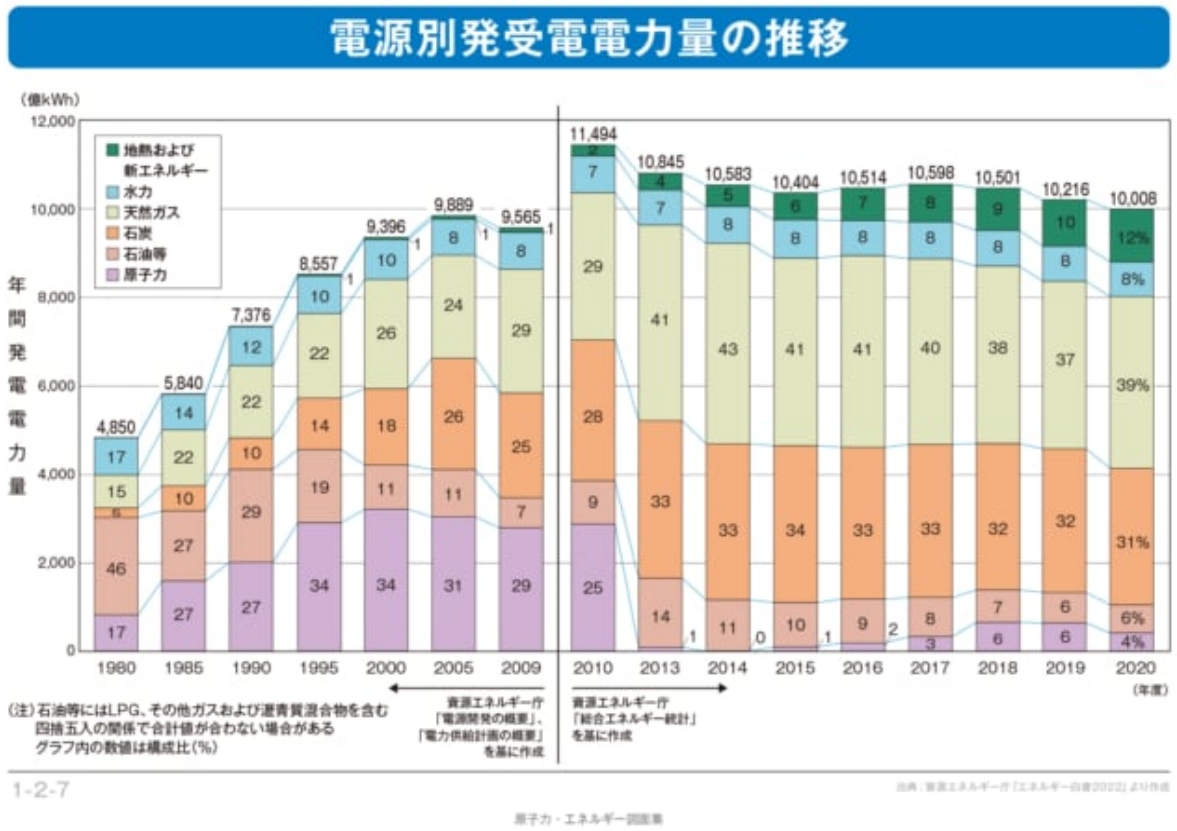
図5 2019年に増加した発電量の内訳

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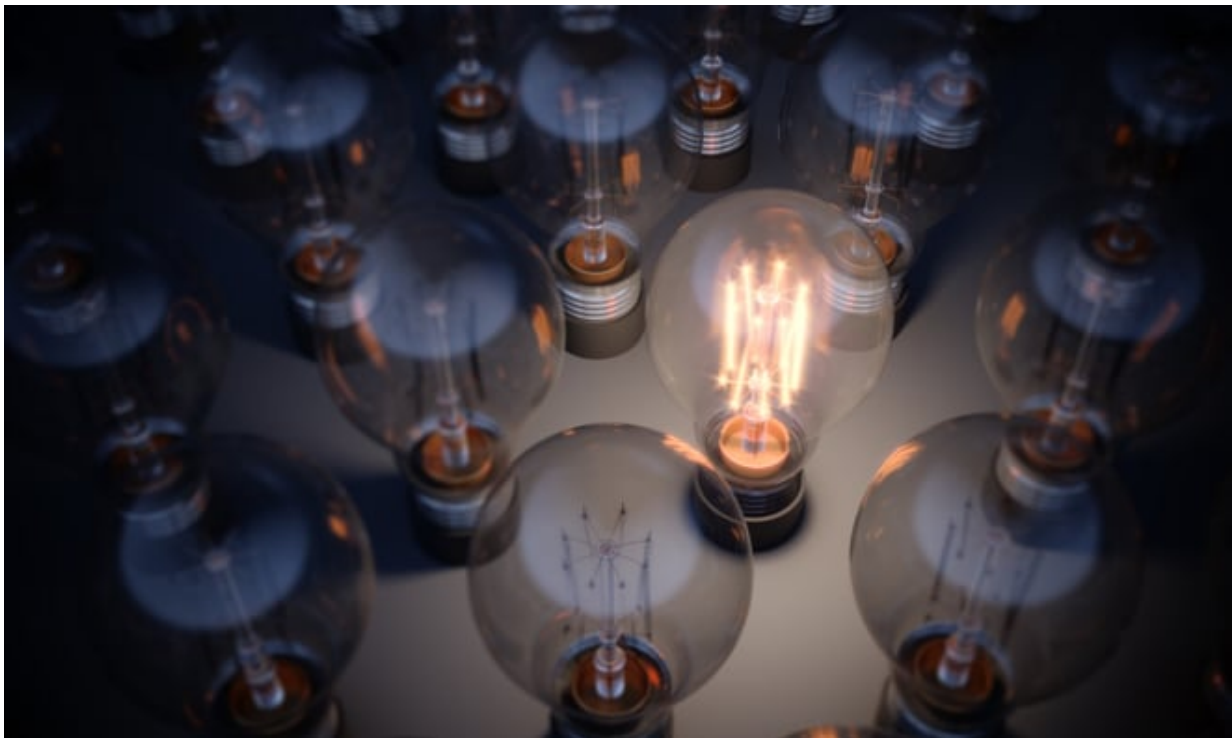
????????????EV????CO2????????????????????????????CO2????????????????????????
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Posted in ??????????, ?? | [No Comments »](#)

?????iBR????????????????

?? ?? · Thursday, March 30th, 2023



Eoneren/iStock

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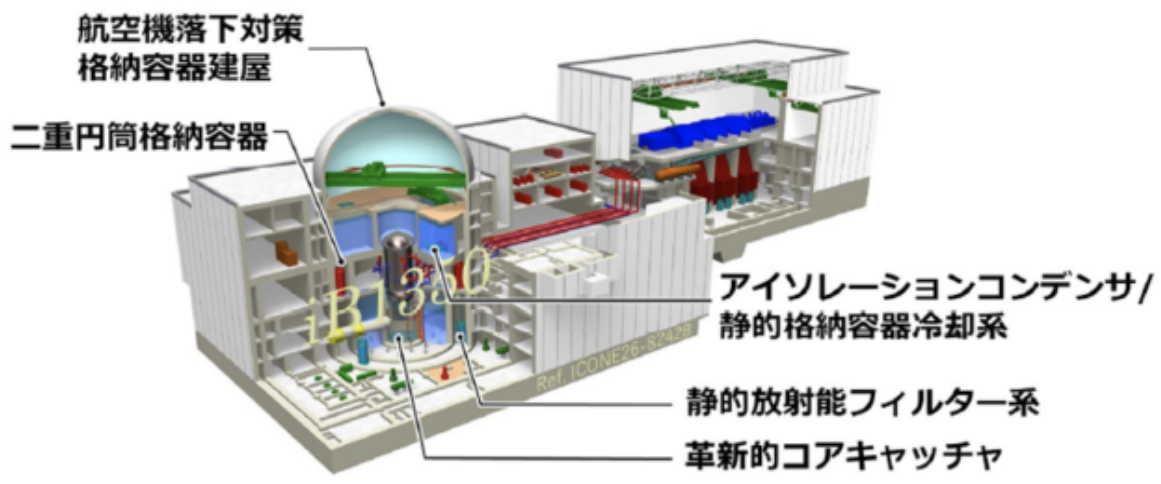
??????SRZ1200???

iBR????????????

iBR???innovative-intelligent-inexpensive BWR
??135????????iB1350????

iB1350の全体概要図

建設実績のあるABWRをベースとして、様々な革新的安全系を採用。
高い安全性を達成しつつ、建設性や経済性にも配慮。



iB1350

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?? ?? · Wednesday, March 29th, 2023



AlxeyPnferov/iStock

3????EU????????????

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for
55????????2035????EV????3?7?????
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EU????27????????3?????
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EU??260????EV????

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Fuel??2035????????e-
Fuel????????????????EU????????????????????

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Calculator??
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double_p/iStock

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1997?3?24??

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- ??????400t??????????30%??????
- ?????13?700?m³????????????34% ???
- ?????2?1900t??????????40%??????

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出所：中国中央電視台 (CCTV) 2015年3月8日

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??11????????????????Beixin Road & Bridge Group??

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?? ?? · Thursday, March 23rd, 2023



CO2????????????????????

Harry Wedzinga/iStock

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Achisatha Khamsuwan/iStock

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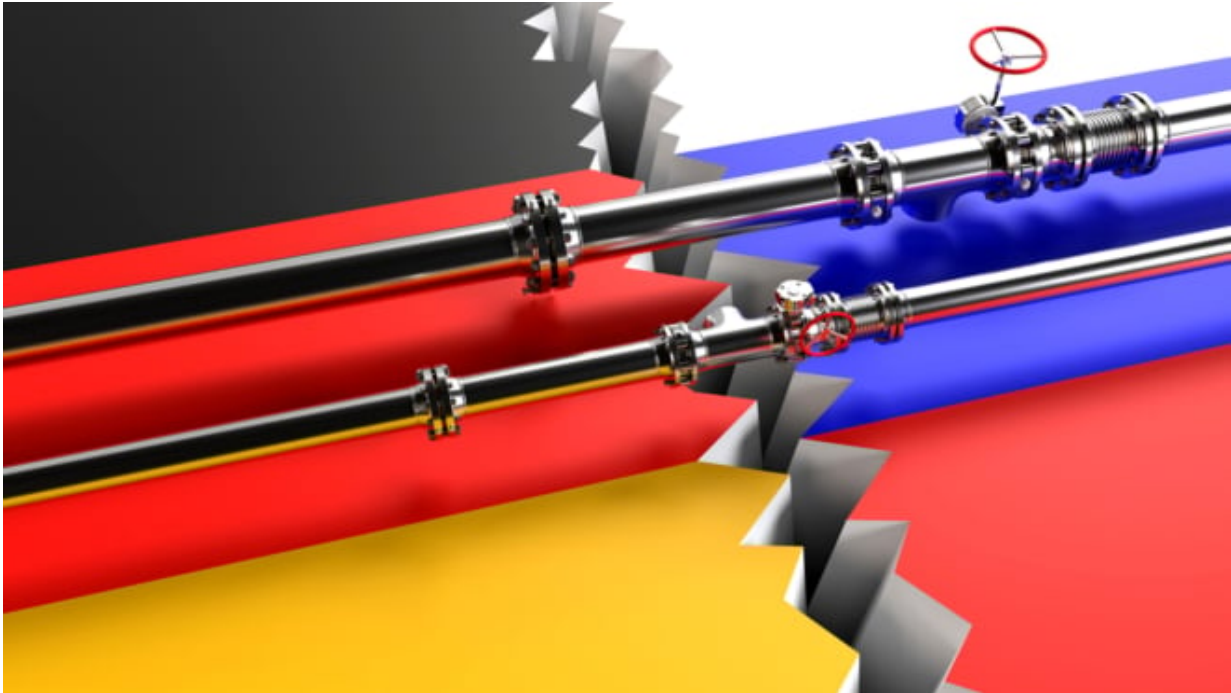
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XPCC??1954??1981????????????
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Leestat/iStock

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