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

**GX????????????**

?? ?? · Saturday, May 27th, 2023



PhonlamaiPhoto/iStock

????????????GX????<sup>21</sup>?5?12????????????????????10????20????GX????????????GX????????  
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O<sub>2</sub>?21????????29????SO<sub>2</sub>????CO<sub>2</sub>?50????????

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???Twitter by True Science PEng, DFP, ADFS, MA, MBA



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Allkindza/iStock

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**FACT SHEET: Biden-Harris Administration Proposes New Standards to Protect Public Health that Will Save Consumers Money, and Increase Energy Security**

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- ????CO<sub>2</sub>????2????100????CO<sub>2</sub>????????????????????????????????
- EV1????????????12,000????????????????????200????????????????????????????
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- CO<sub>2</sub>????????????????????????????????????5000ppm????????????????????1000ppm????????????????
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Posted in ????????????, ???, ?? | No Comments »

### IPCC?????63????????????????????????????????

?? ?? · Tuesday, May 16th, 2023



remotefx/iStock

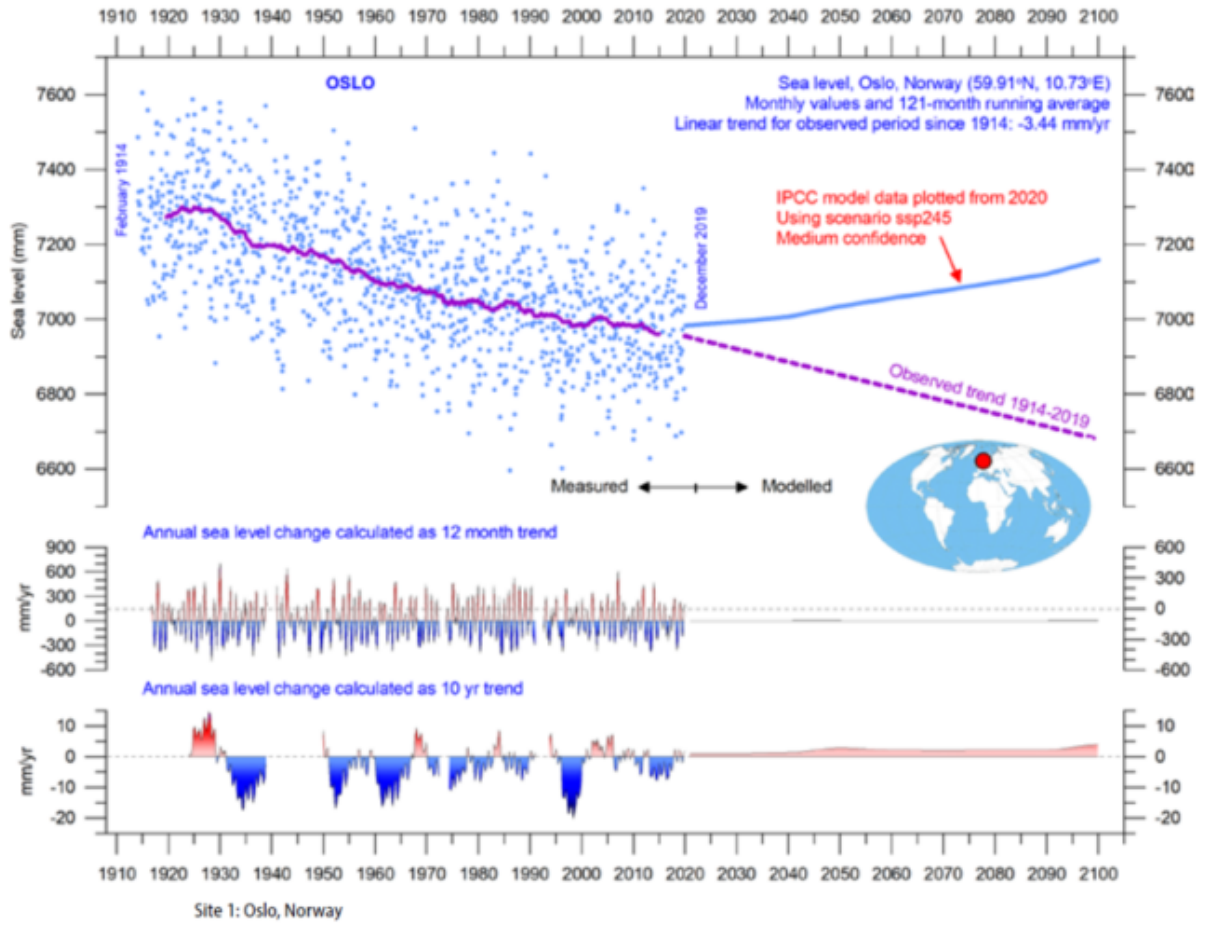
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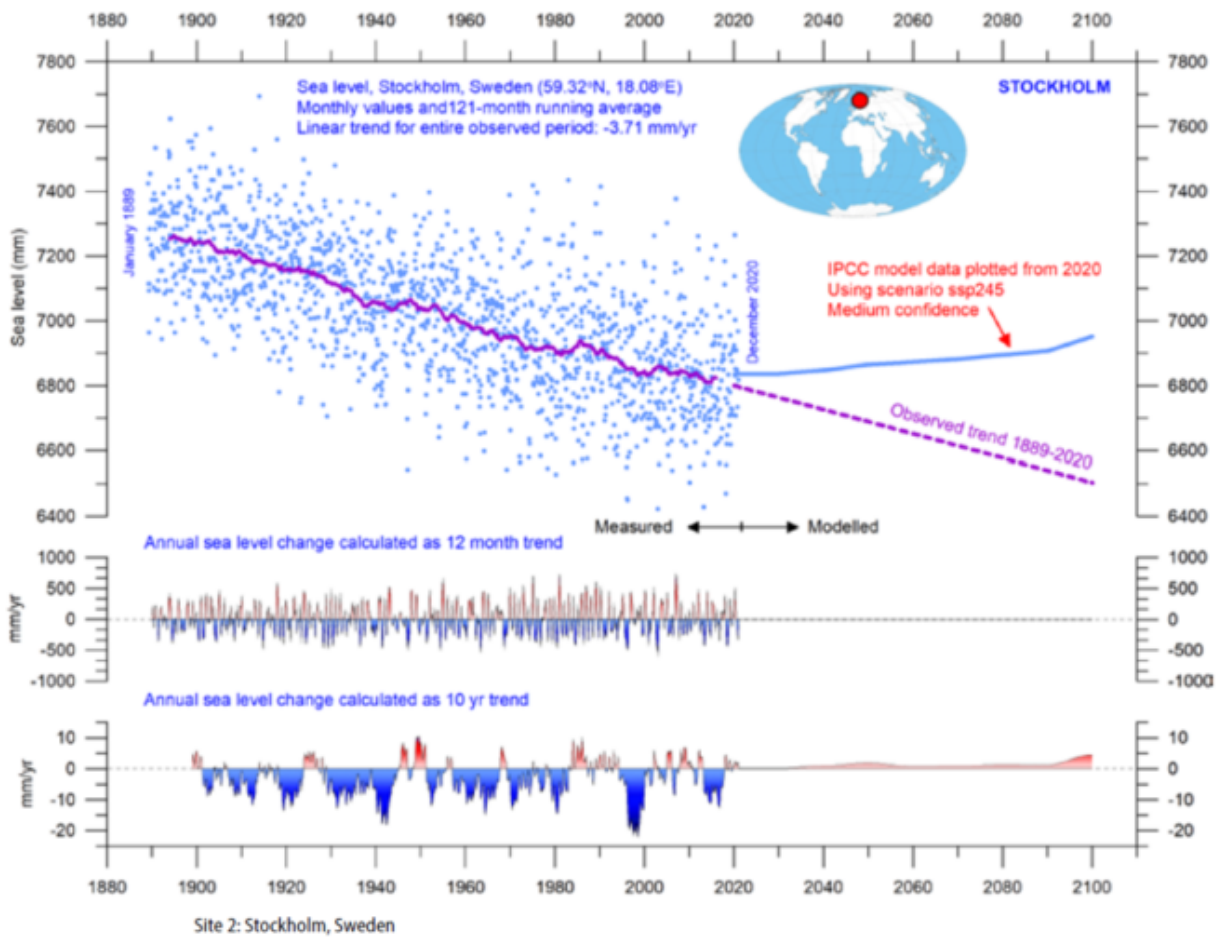
IPCC??

### IPCC AR6 Sea Level Projection Tool

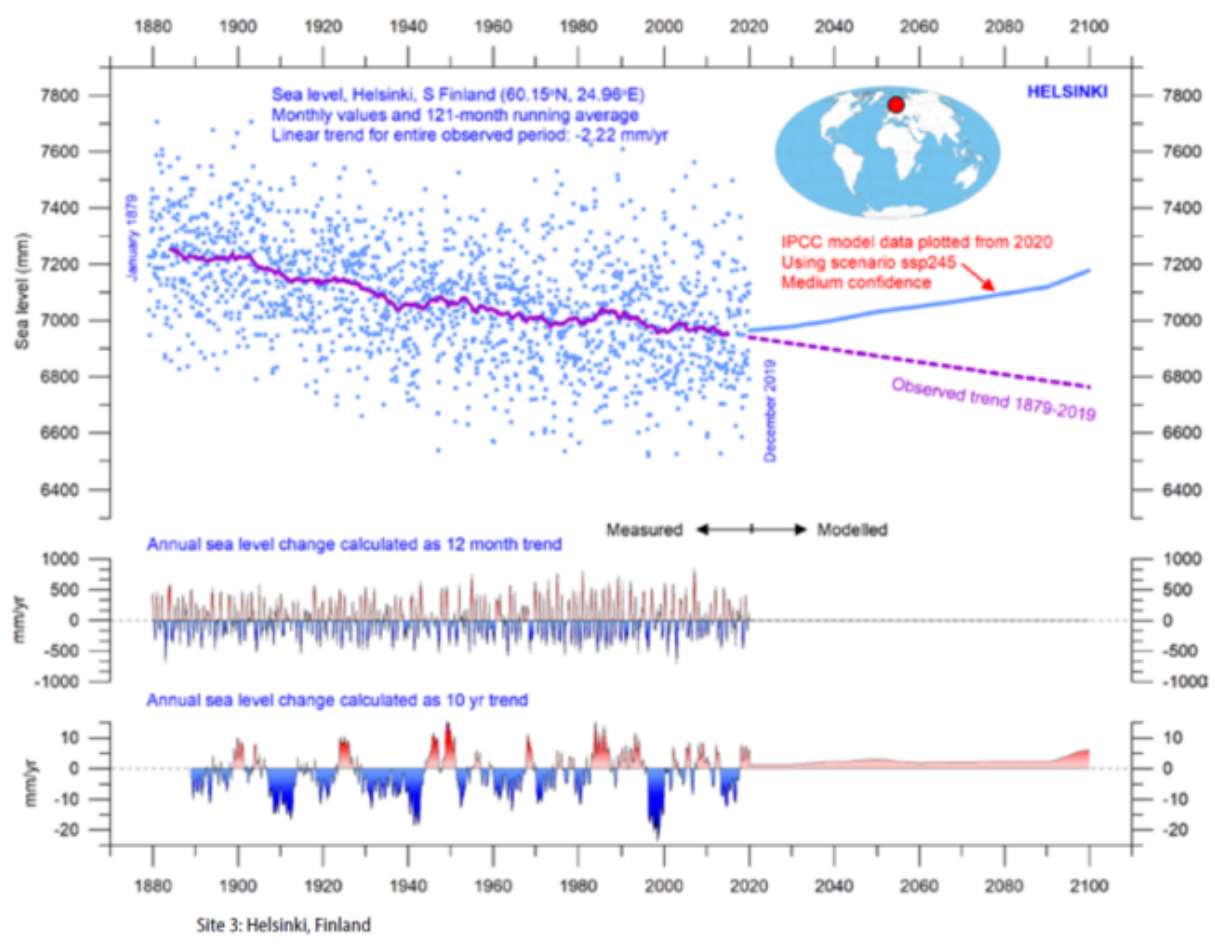




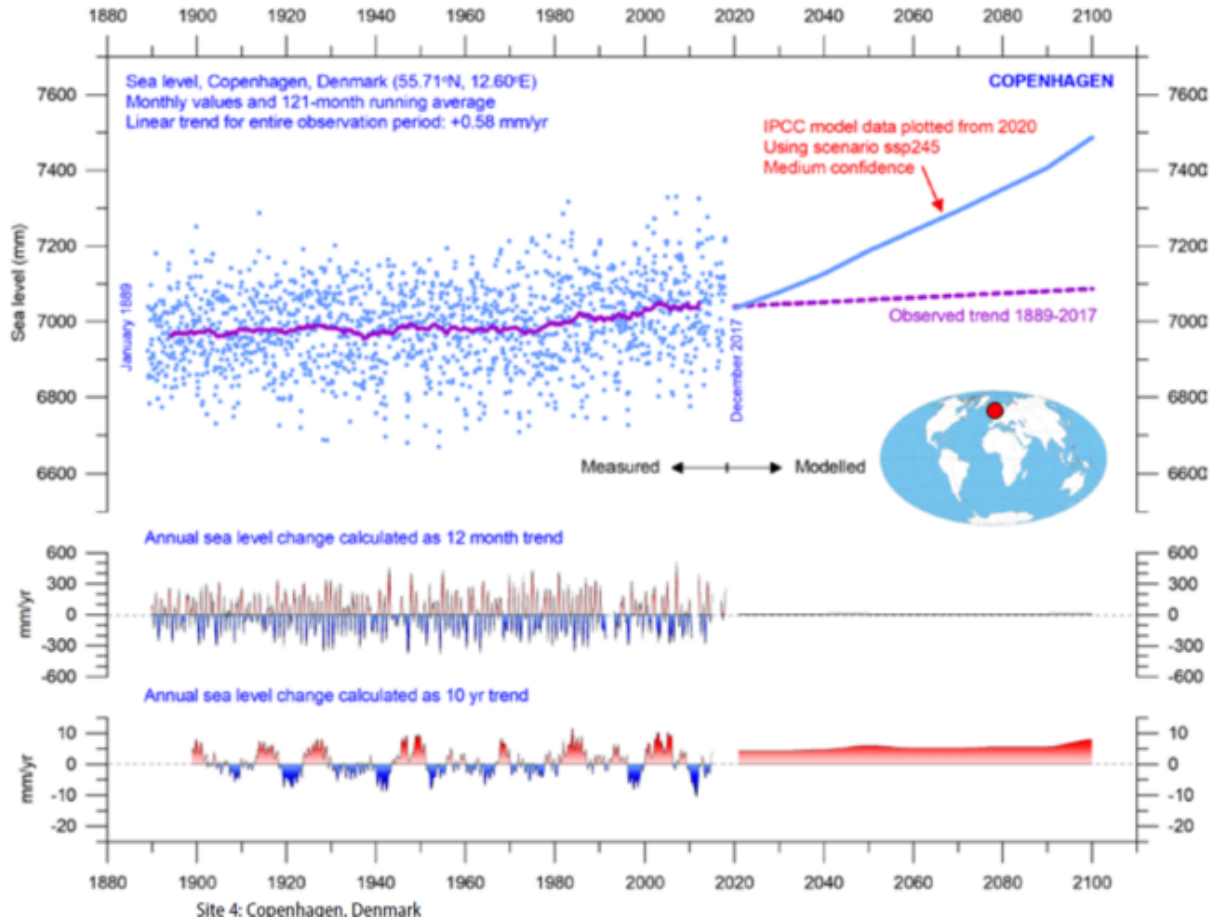
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Posted in ???, ????? | No Comments »

**IPCC?????62????????????**

?? ?? · Monday, May 15th, 2023

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Wikipedia??

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- ??????????????????10600?????7500?????235?????????

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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??



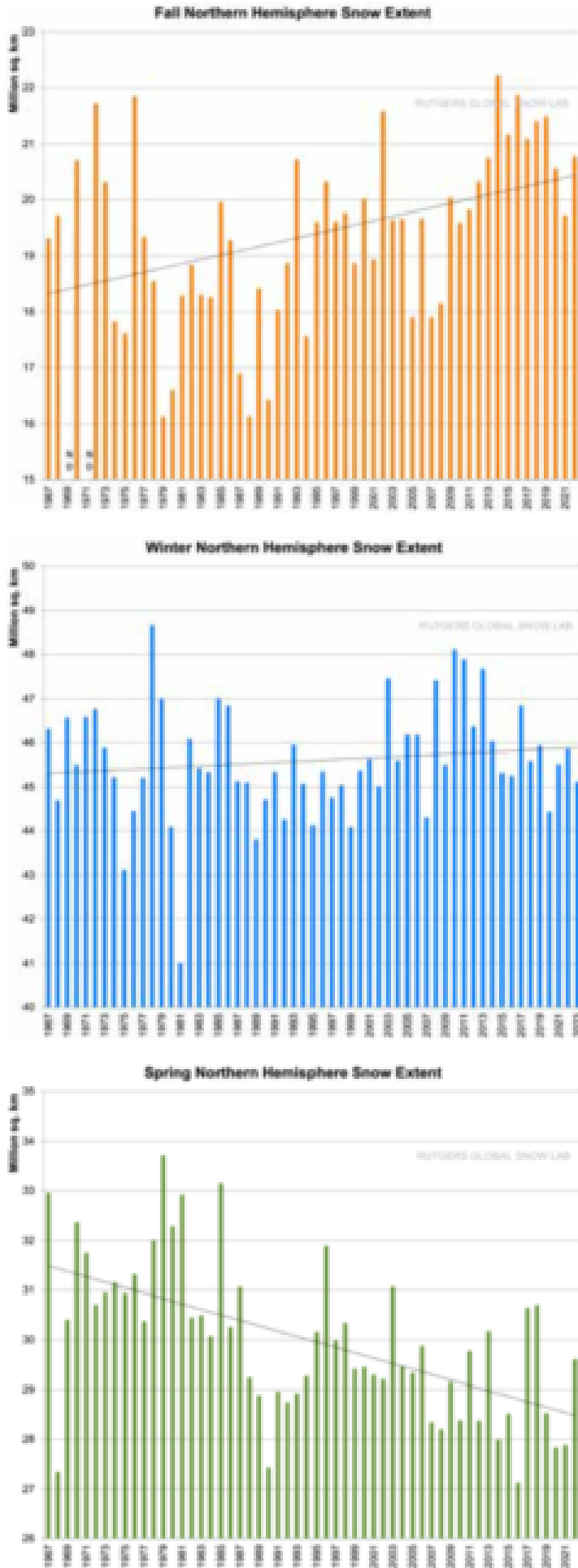


Figure 4: Snow cover extent (SCE) for the Northern Hemisphere for autumn, winter and spring. From: Rutgers Global Snow Lab (2023)

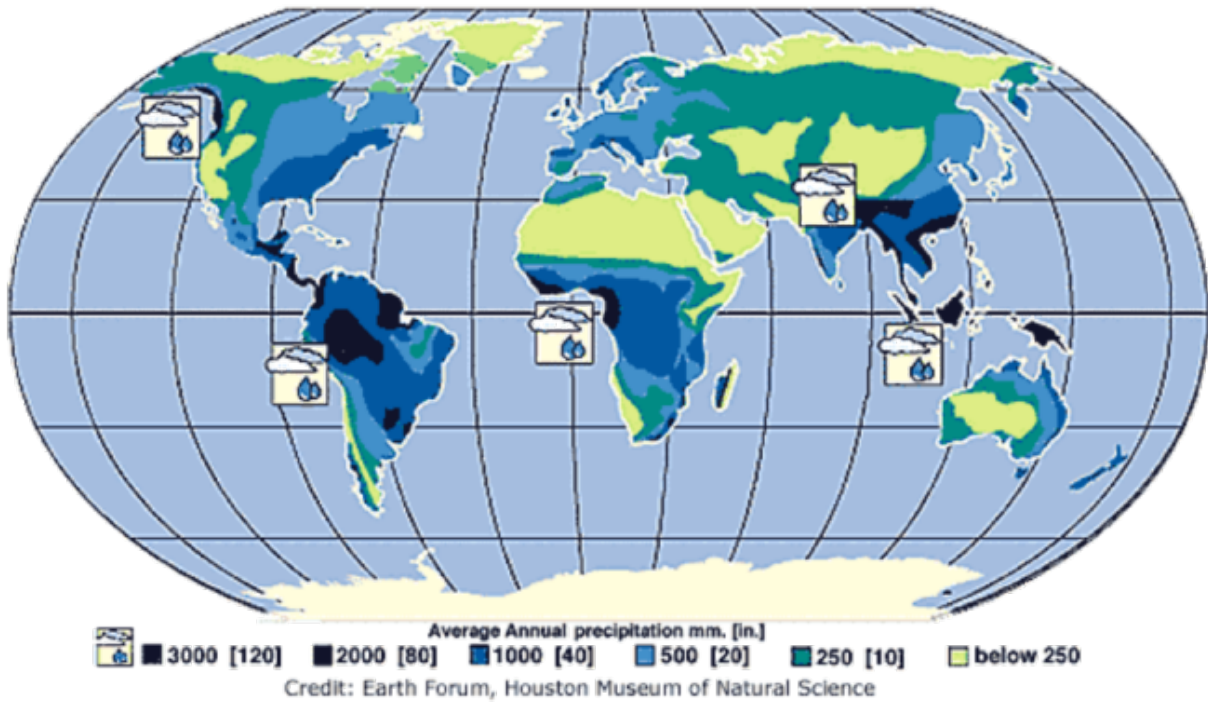
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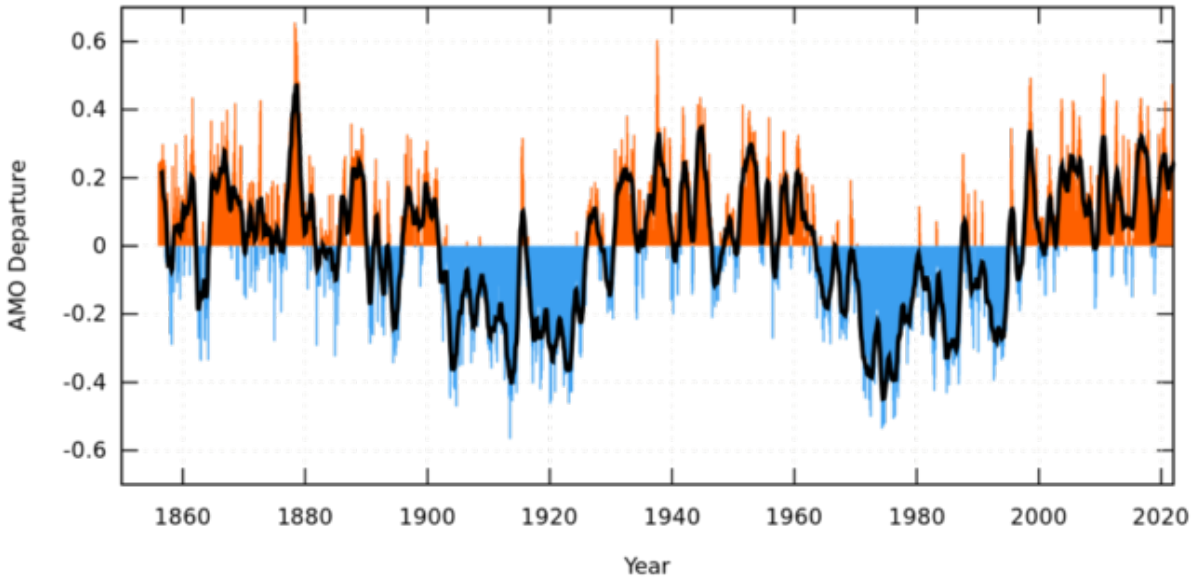


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O????????60??AMO????????????????



Monthly values for the AMO index, 1856 - 2022



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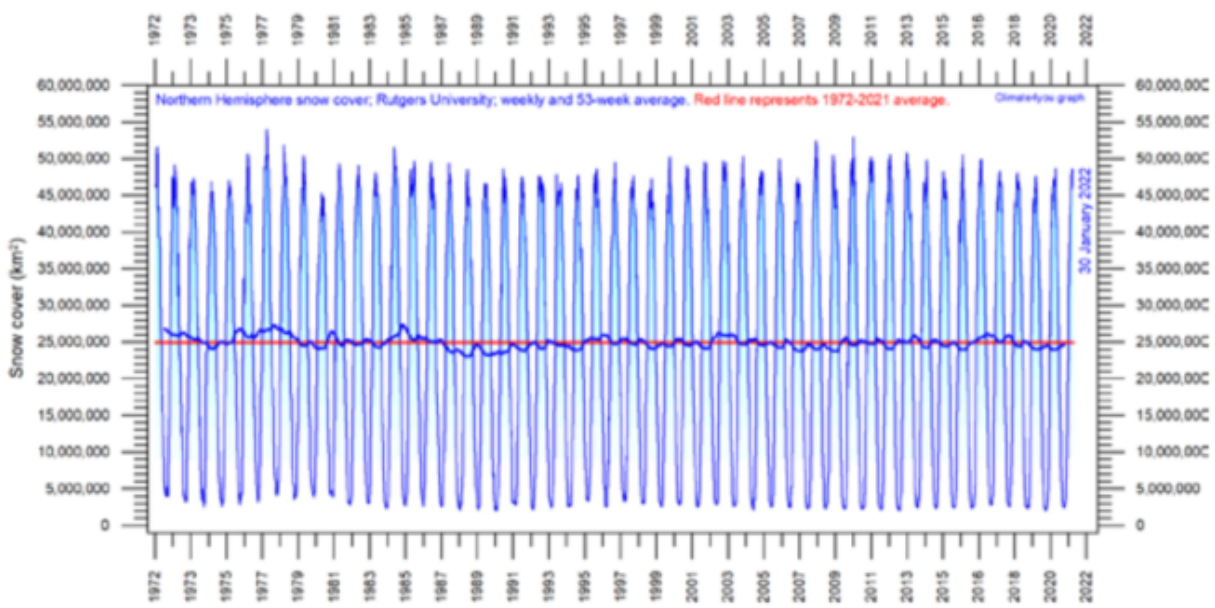


Figure 7: Northern hemisphere weekly snow cover since January 1972 according to the Rutgers University Global Snow Lab (<http://climate.rutgers.edu/snowcover>), the thin blue line is the weekly data, and the thick blue line is the running 53 week average (approximately 1 year). The horizontal red line 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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2023????????EU????????????????????????????????2035?EV????????????????????????????????ESG???

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 ESG

CO2

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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??WEF????????????????CO<sub>2</sub>??WEF?Sustainable  
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.”

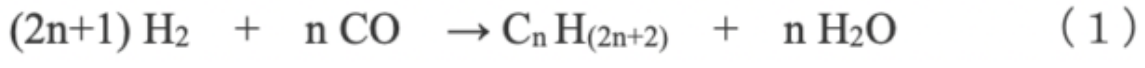
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Posted in ??????????, ??, ?????????? | No Comments »

## G7????????????????????

?? ? · Tuesday, April 25th, 2023

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Manufacturers????????????????????????????????

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



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?? ?? · Monday, April 24th, 2023



nndanko/iStock

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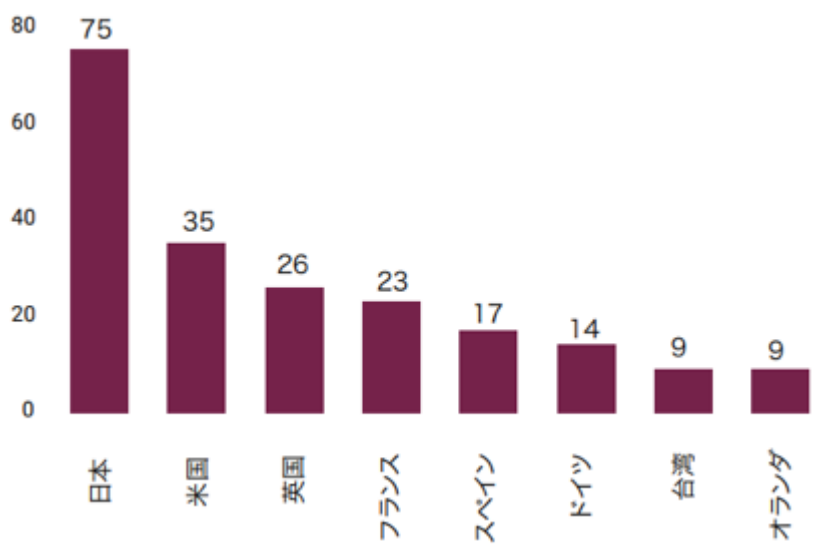
**CDP?????**

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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)



1) CDP A 2022  
 CDP 2022 6

2022 6 8 SDGs Google SDGs CDP 1

CDP 4  
 CDP  
 CDP

CDP CO2 CO2 Tier1  
 CDP 100%

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CO2

(a)会社名	(b)調達金額 (円)	(c)各社の売上高 (円)	(d)各社の CO2 排出量 (トン)	(e)=(d) × (b) ÷ (c) (トン)
A社				
B社				
C社				
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1 Tier1 CO2

a b Tier1

c d CO2

a d e d × b ÷ c CO2 Tier1

2021 6 2022 3 5

CO2

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A CO2 1 CO2 100 500 1000

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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

2017 6 15 15

2021 75

CO2

Hydrogen  
 Hydrogen

CO2 H2O CO2

IT

60 60 2 36 64 40

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2017 5 1 138

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

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?? ?? ? · Wednesday, April 12th, 2023



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Wikipedia??

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?? ?? · Sunday, April 9th, 2023

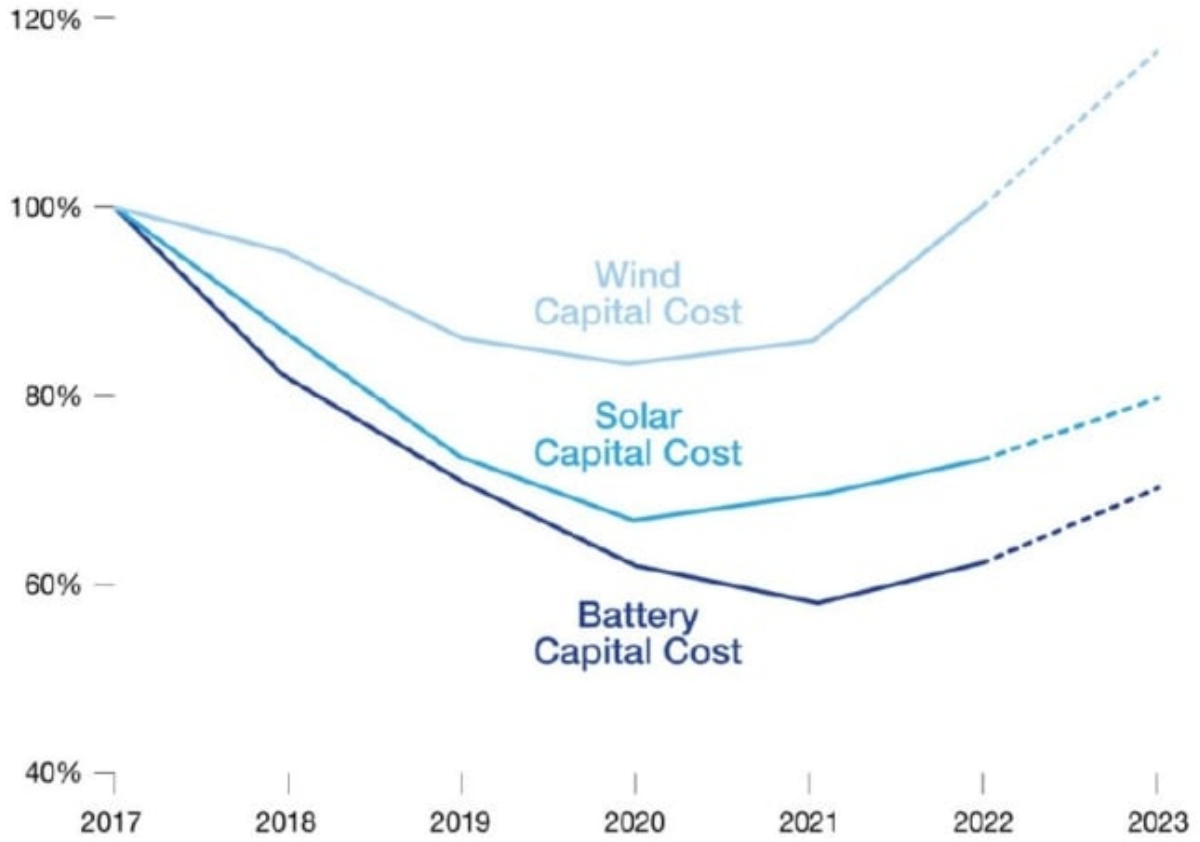






### Costs of Wind, Solar, and Battery Hardware

Change from 2017

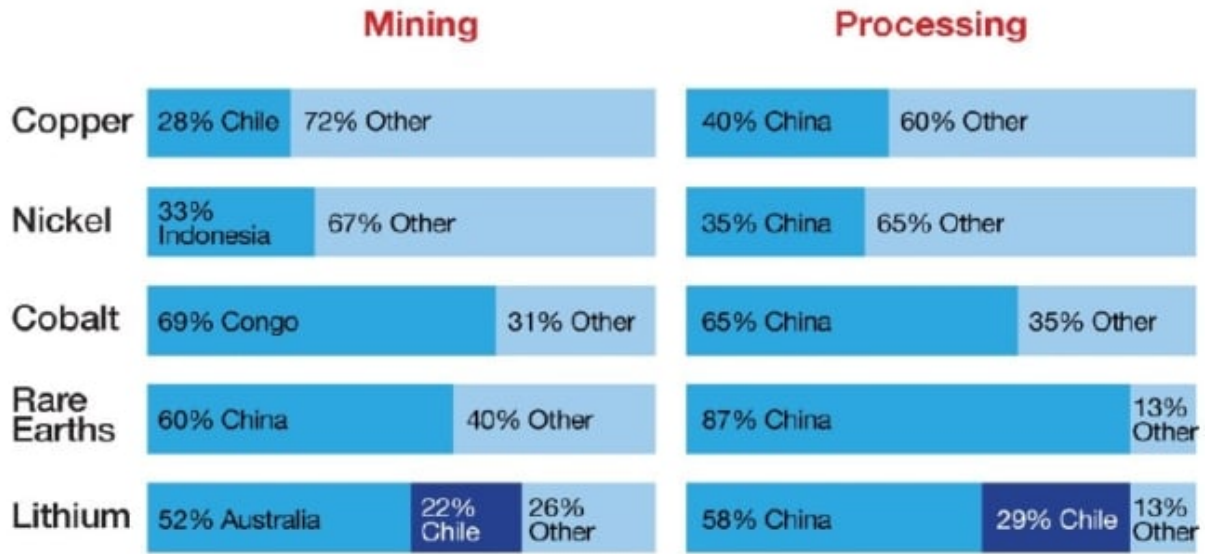


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### Sources of Key Energy Transition Minerals



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Posted in ???, ????? | No Comments »



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?? ?? · Saturday, April 8th, 2023



HiddenCatch/iStock

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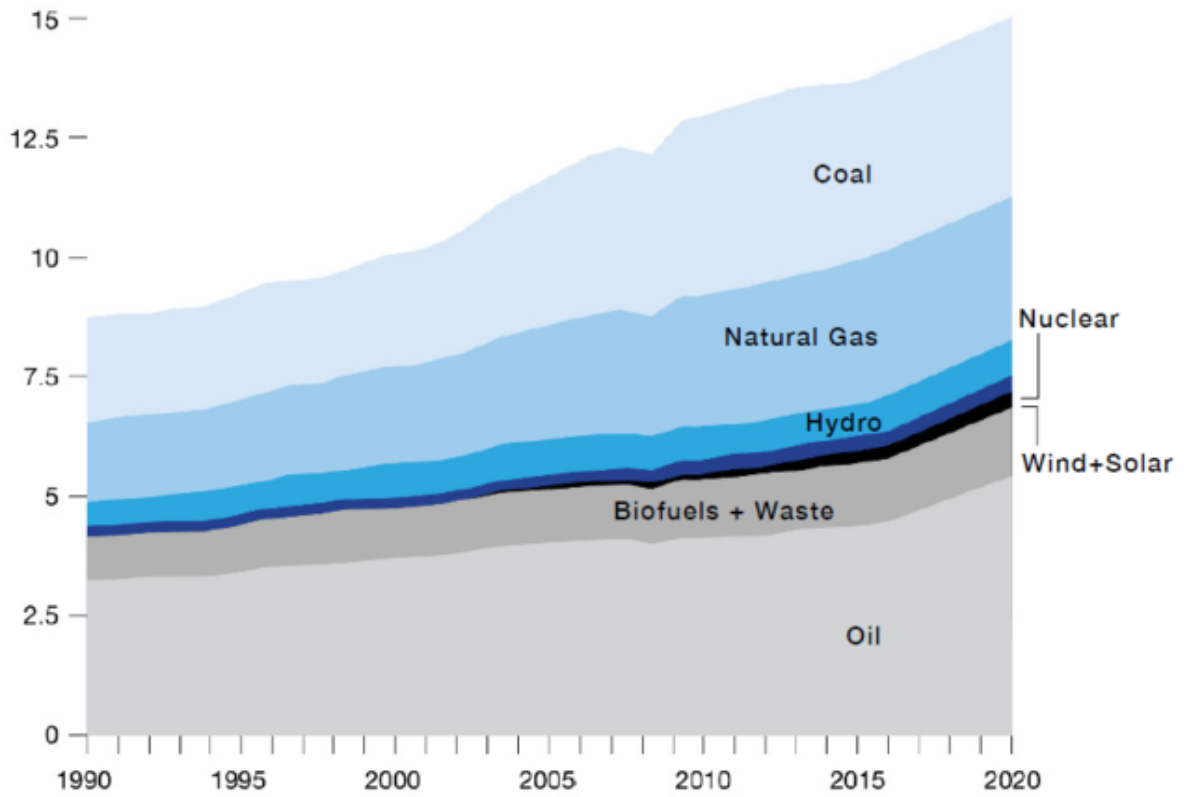
2050??

**1. ?????????????????????**

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### Growth in Global Energy Supplies

Oil Equivalent (Billion Tons/Year)\*



#### 2. ???????????????

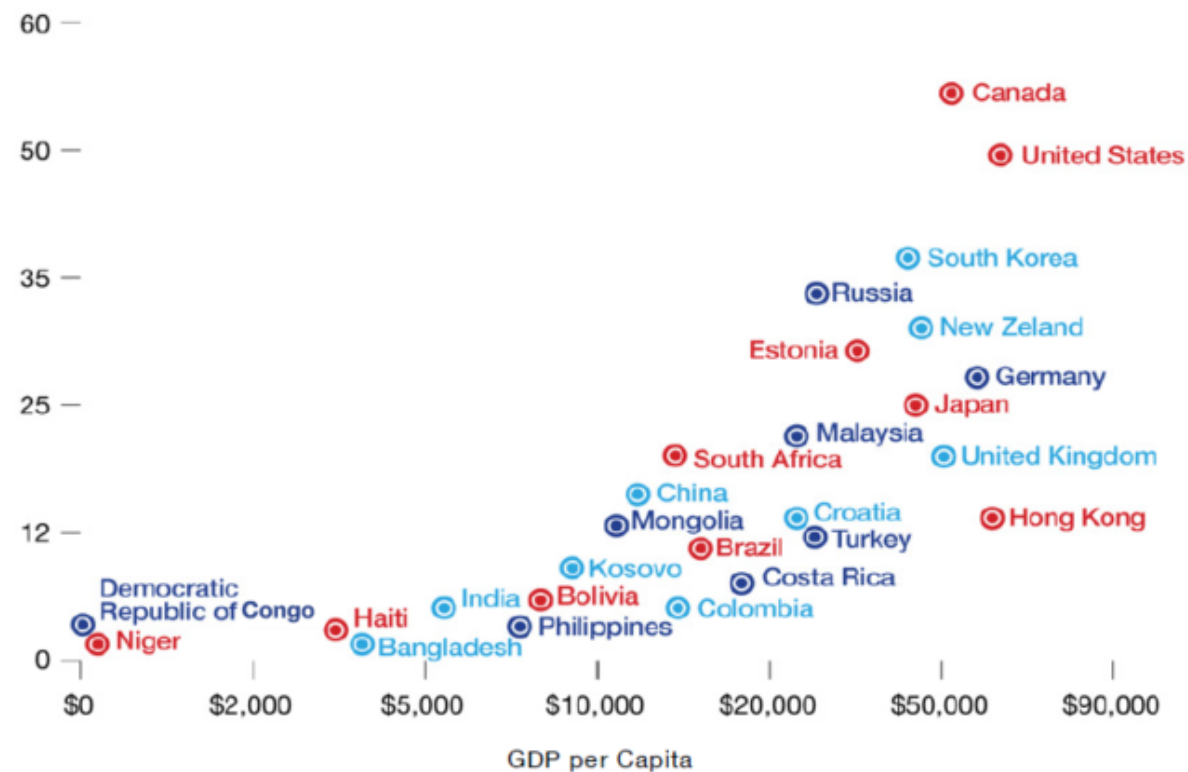
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??60??????????????5??100????80????????????????????100??  
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### Per Capita Wealth vs. per Capita Energy Use

Energy per Capita (BOE/year)\*

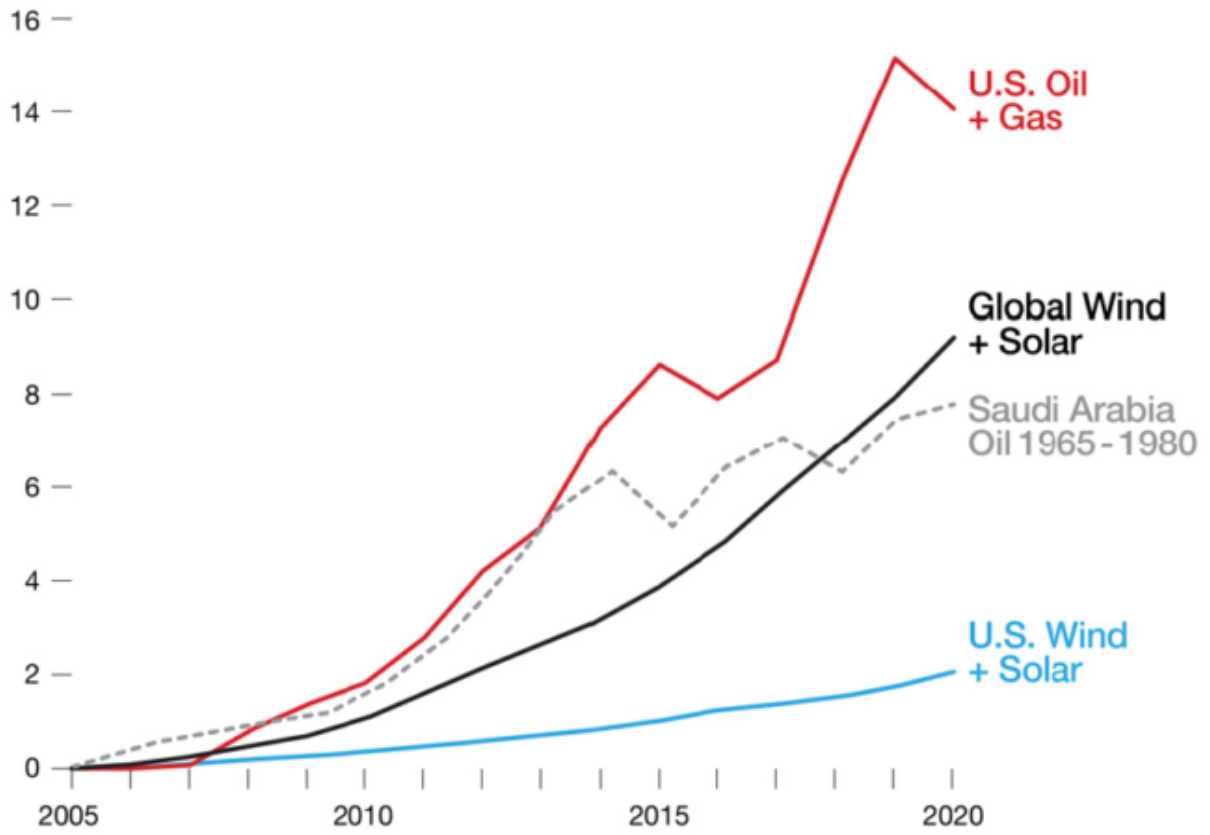


### 3. ?????????????????????????????

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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)

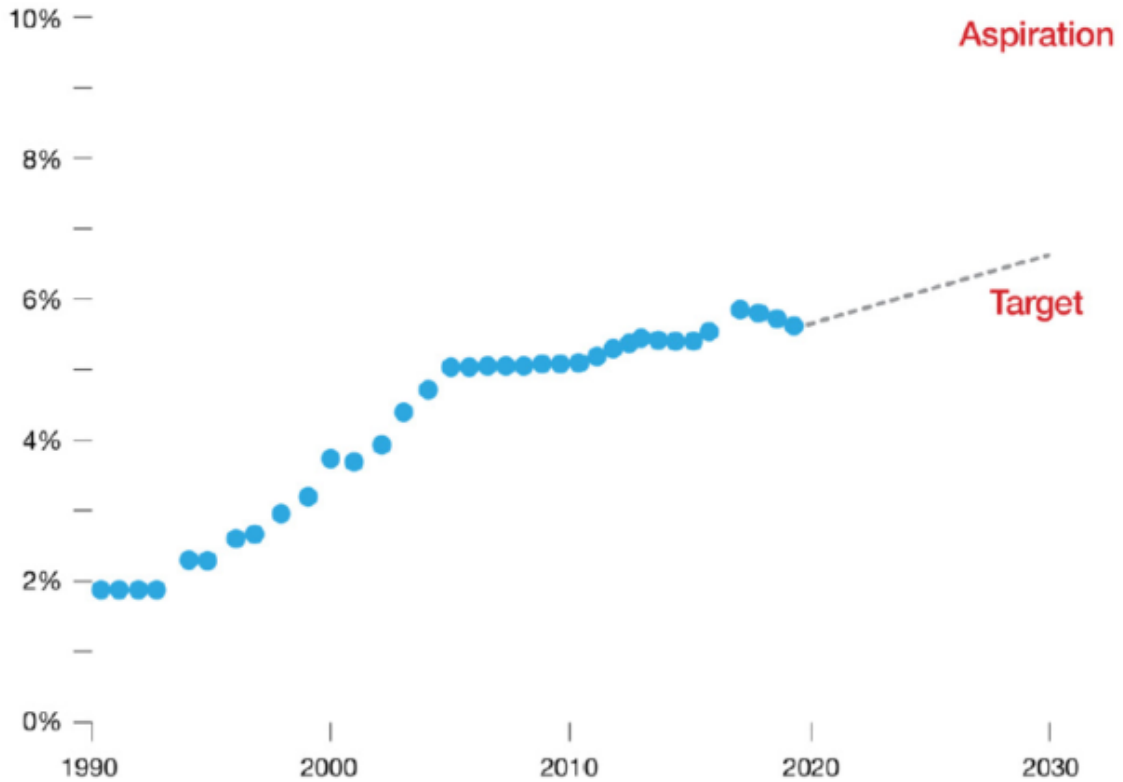


#### 4. ?????????????????????

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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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?? ?? · Friday, April 7th, 2023



Manakin/iStock

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??How Do You Escape Net Zero??The U.K. shows the peril of not ditching the policy openly.????????????????????????????????

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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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Posted in ???, ????? | No Comments »

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?? ?? · Tuesday, April 4th, 2023



Viktor Sidorov/iStock

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Posted in ???, ????? | No Comments »

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 ?? ? · Sunday, April 2nd, 2023



Jorm Sangsorn/iStock

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CO2

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

## ??EV????????????????????????????????

?? ?? · Saturday, April 1st, 2023





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**EV????????????**

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

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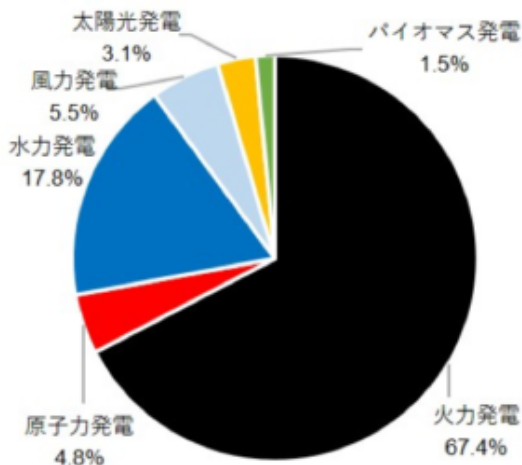


図4 2019年の中国の発電電力量の構成

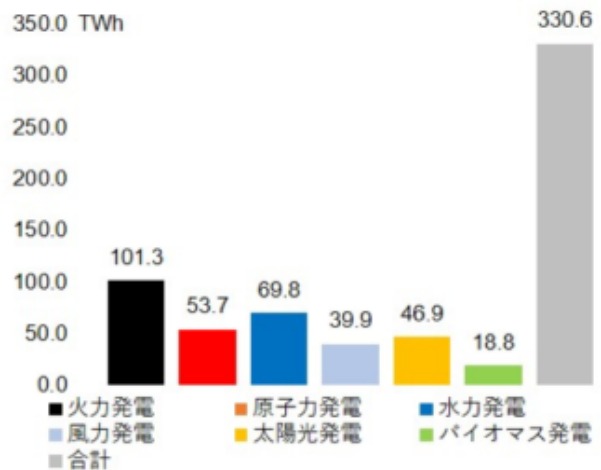
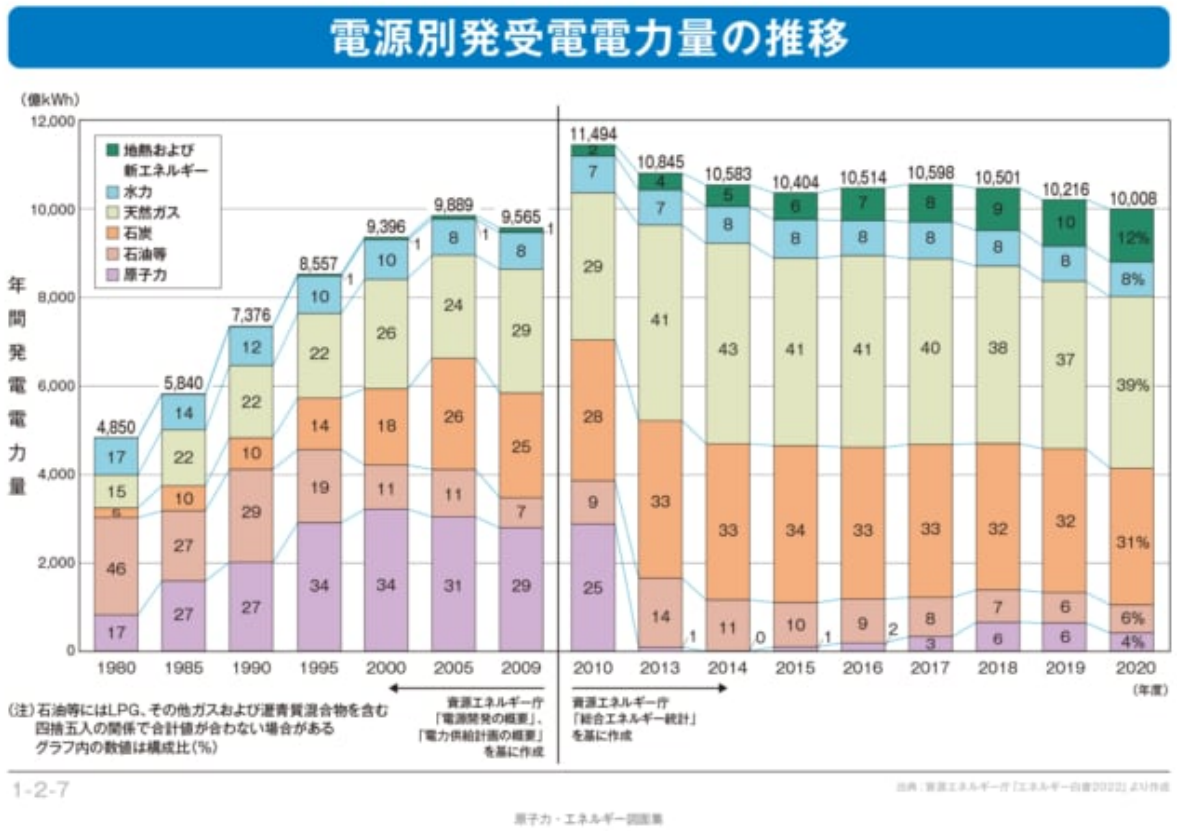


図5 2019年に増加した発電量の内訳

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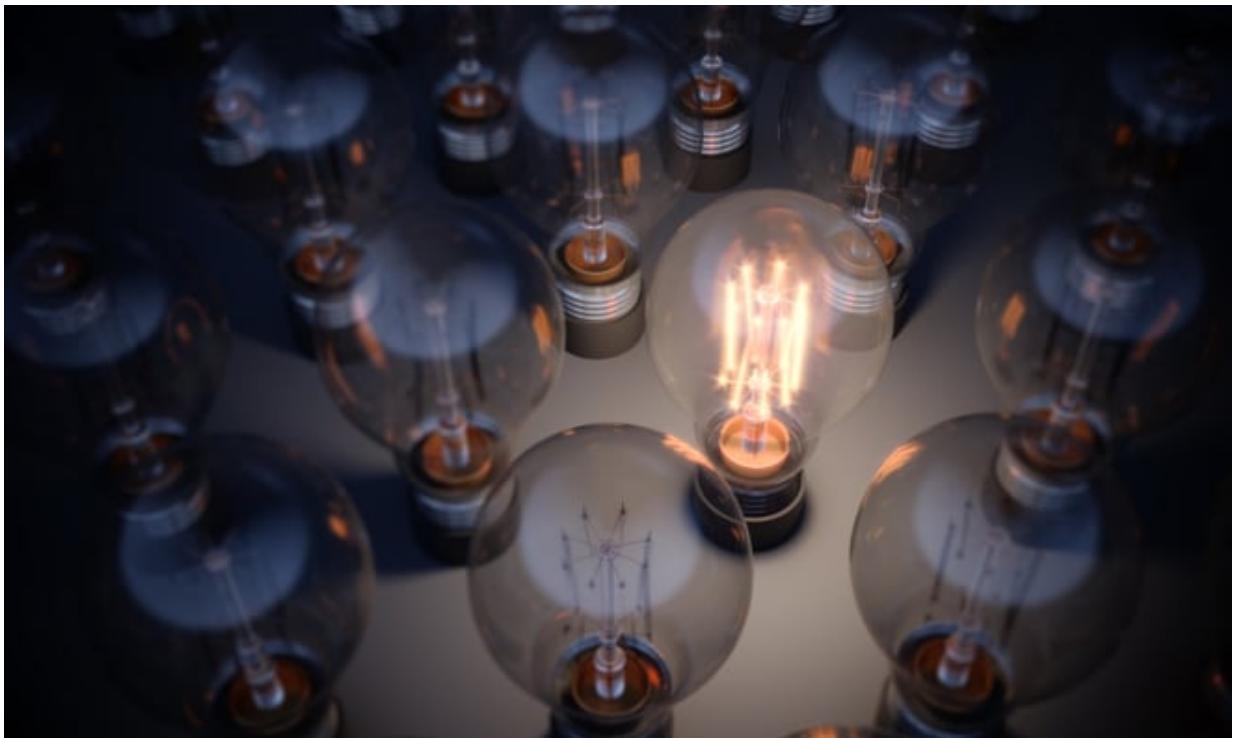
????????????EV????CO2????????????????????????????????CO2????????????????????????  
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????GX????????????????????????????EV????????????????????

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

## ?????iBR????????????????

?? ?? · Thursday, March 30th, 2023



Eoneren/iStock

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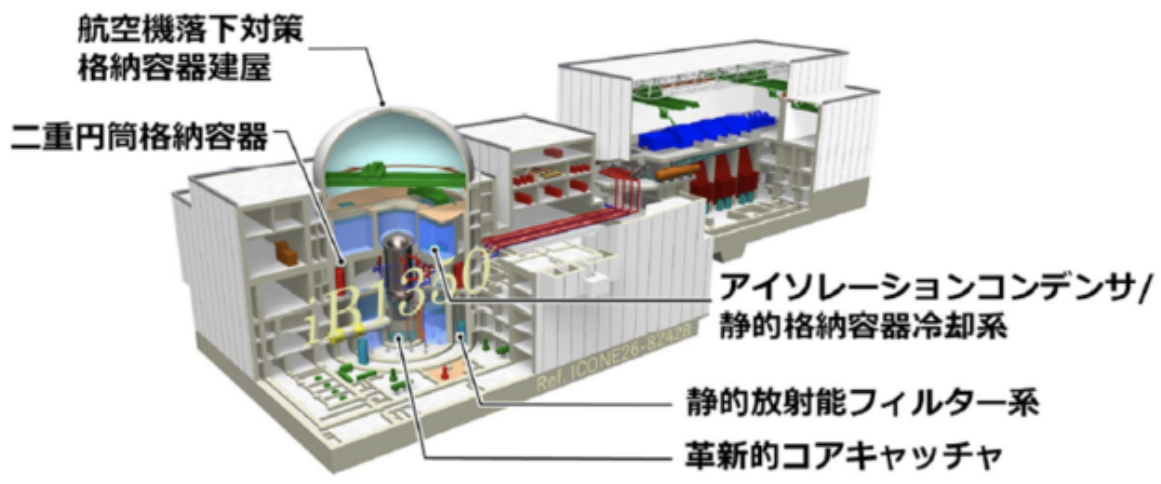
**??????SRZ1200???**

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

## ?????????????????EU

?? ?? · Wednesday, March 29th, 2023



AlxeyPnferov/iStock

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EU??260????????????????????EV????????????????

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?? ?? · Wednesday, March 29th, 2023

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Atstock Productions/iStock

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

## EU???????

?? ? · Tuesday, March 28th, 2023



PeskyMonkey/iStock

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EU?2022?5??REPowerEU??  
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2022?6????????EU????????????????????240????????????????????10????7.5????????????????  
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**EU**

EU 2022-23 RePower EU

EU 2022-8 Inflation Reduction Act: IRA

IRA EU

EU 2022-12 IRA 2023-21 EU Green Deal Industrial Plan 2030 Net-Zero Industry Act

EU

EU 2021-2022 EU 2030-45-2050

EU 1.5

EU BP

2050 EU CBAM

EU 1.5 CBAM EU

EU

Posted in | No Comments »