

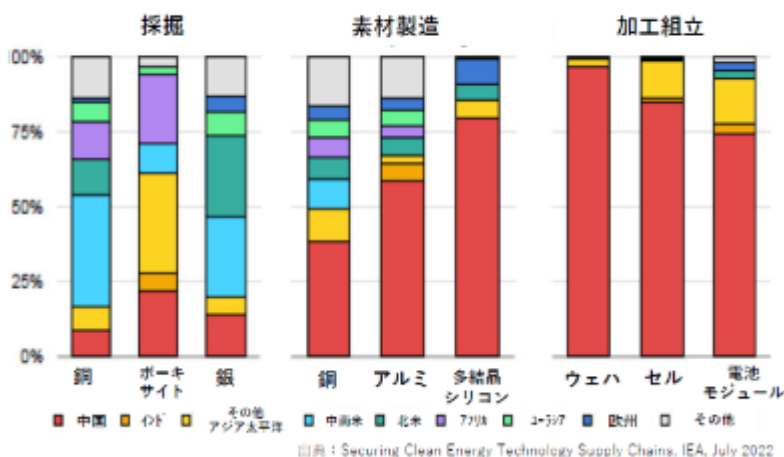
GX????????

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?????EV????????????????GX??
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図1. 太陽光モジュールの部材製造シェア

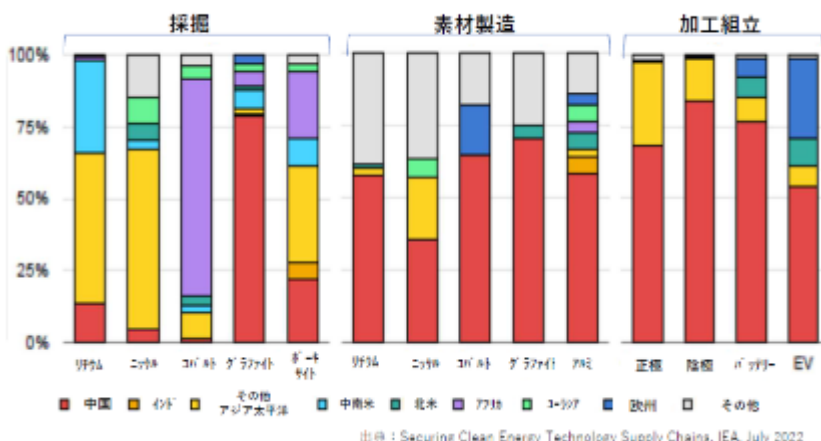


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図2. EV・バッテリーの部材製造シェア



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??ENECO????2012?6??
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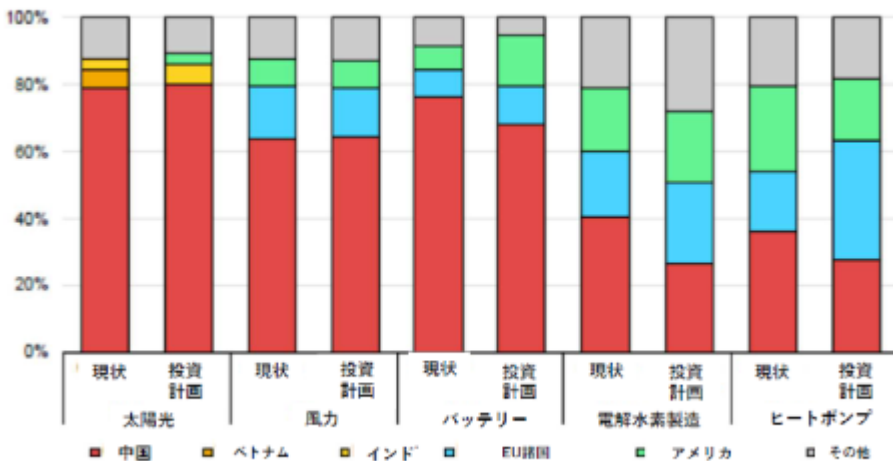


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??3????IEA??
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図3. グリーン技術製造の地域集約度—現状と将来



出典：The State of Clean Energy Technology Manufacturing, IEA, May 2023

??2040????
10????????????????????70?80????????????????????

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?2??85??2020??????????84??2019???????

?3?“Securing Clean Energy Technology Supply Chains”, IEA, July 2022 / “The State of Clean Technology
Manufacturing”, IEA, May 2023

?4?Reuters, 2011?1?17?

?5????????????????WTO???

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

G7????????????????????????CO2??

?? ?? · Wednesday, May 24th, 2023

????????COP????????????G7??



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????2050????CO₂??
??1.5????????????????????????????
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O₂?21????????29????SO₂????CO₂?50????????

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

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



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CO₂??
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??CO₂????????????????????????????????????CO₂????????????????CO₂?
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?CO₂????????????????????CO₂??C
O₂????????????????????CO₂????????????????????????????

????CO₂????????????????????CO₂??
????????????80??CO₂????????????1000ppm????????
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Posted in [???](#), [?????](#) | [No Comments](#) »

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?? ??? · Monday, May 22nd, 2023



Wikipedia??

G7??????????

G7??

??2????????????????START????????????????????????????????
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2010????????????????????????????

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2009??
????PMDA????????????????????????

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??2014????????????????8????????????
????MFFF????????????2016?2??
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MFFF????????????????????78????????????????1????????????????????????
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PMDA??

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

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?? ?? · Saturday, May 20th, 2023

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

??3????????????????

- CO₂????????????????????????????????????5000ppm????????????????????1000ppm????????????????
- ?????CO₂??430ppm??
- EV1????????12,000??
- ???
- ?????????????????XL??
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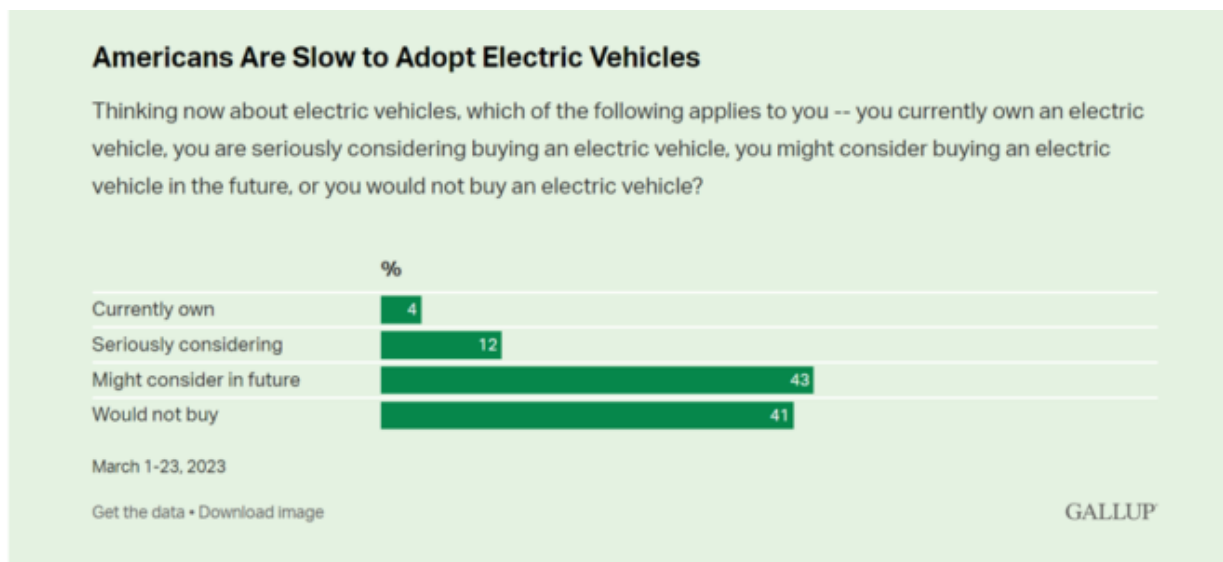
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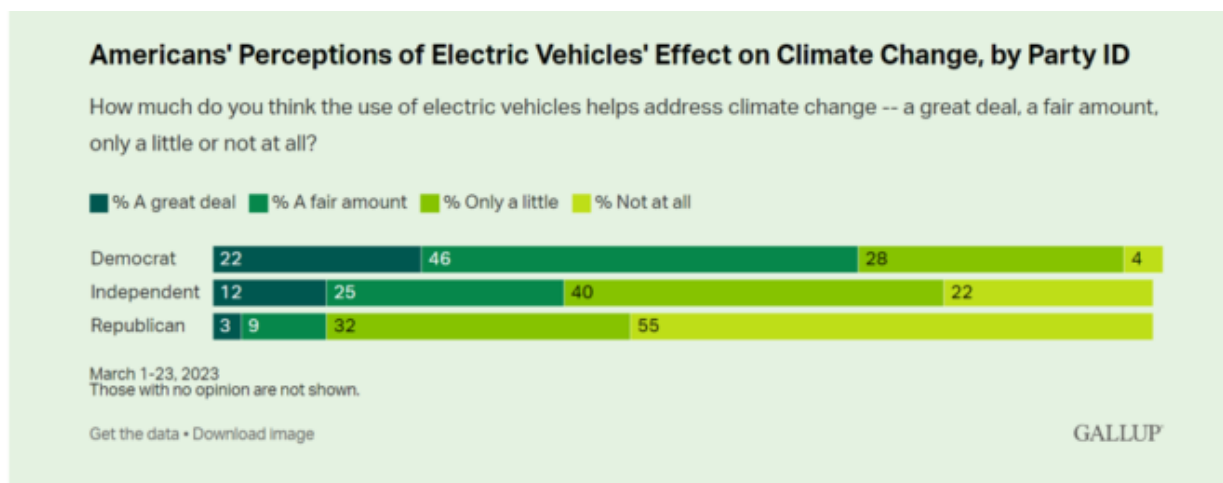
Most Americans Are Not Completely Sold on Electric Vehicles

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



- ?????????????????EV????????????????5????????16????????58????????????????????????????
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- EV????????????????????????????????????EV????????????????????????????????3?2??EV???
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- ?????55% ?????????32% ?????????????
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Posted in ????????????, ???, ?? | No Comments »

IPCC?????63????????????????????????????????

?? ?? · Tuesday, May 16th, 2023



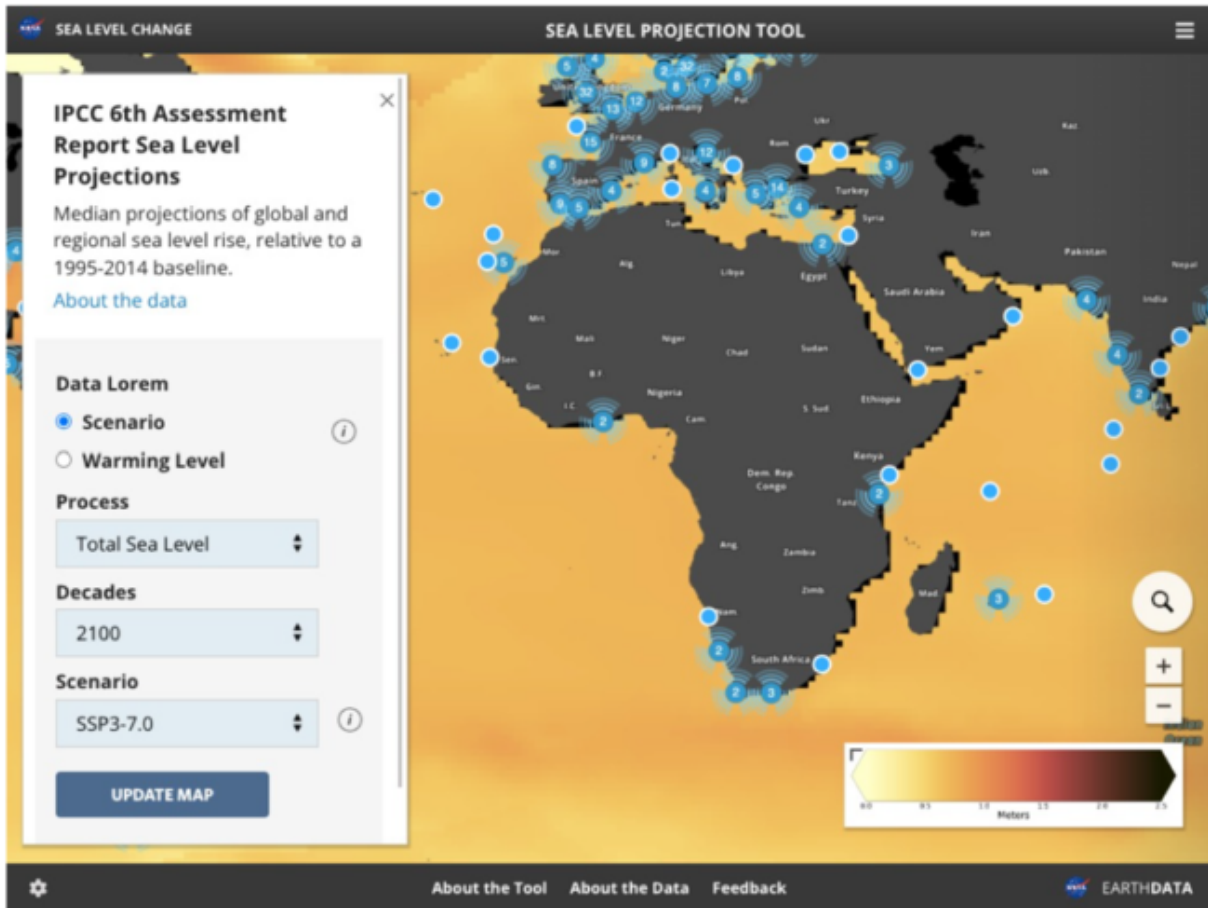
remotefx/iStock

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IPCC??

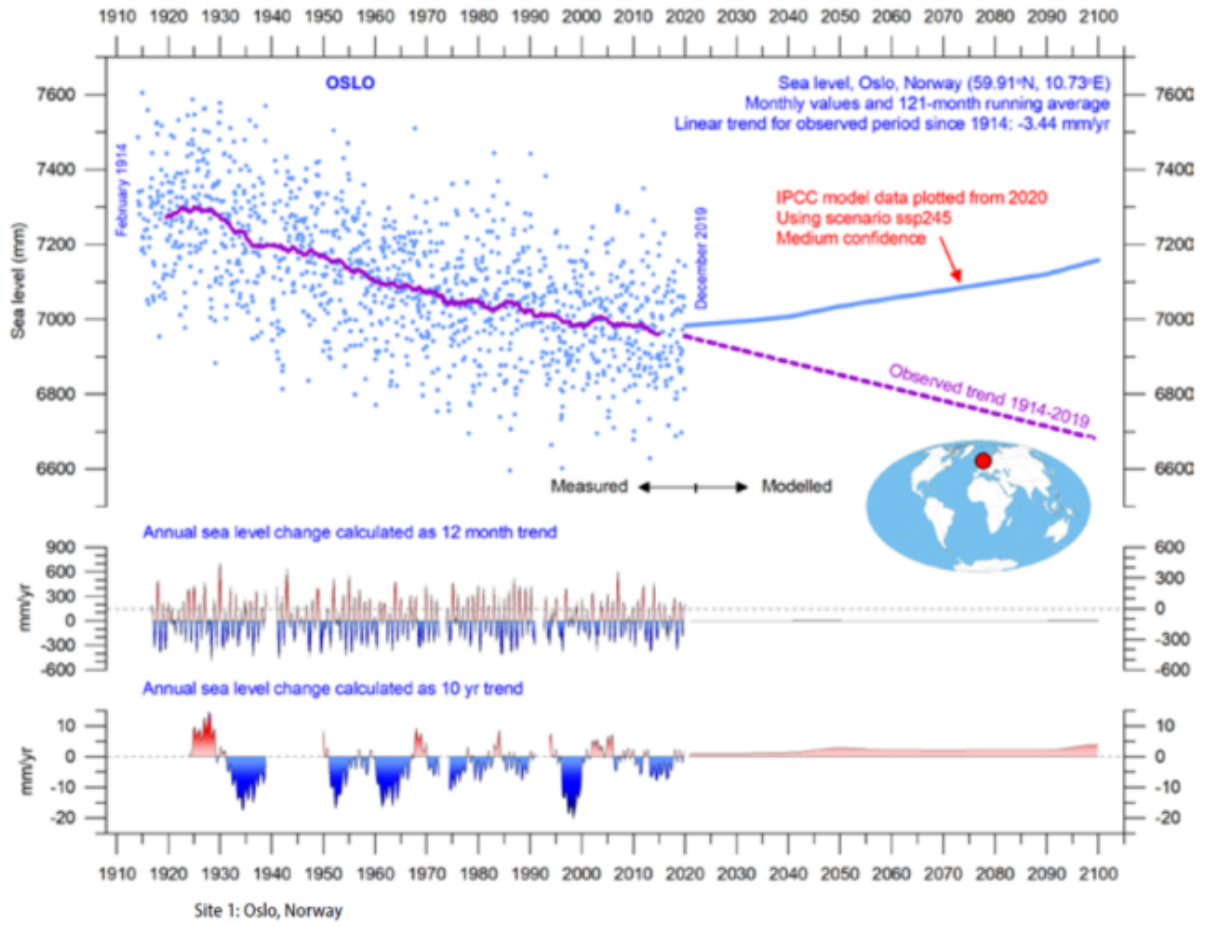
IPCC AR6 Sea Level Projection Tool



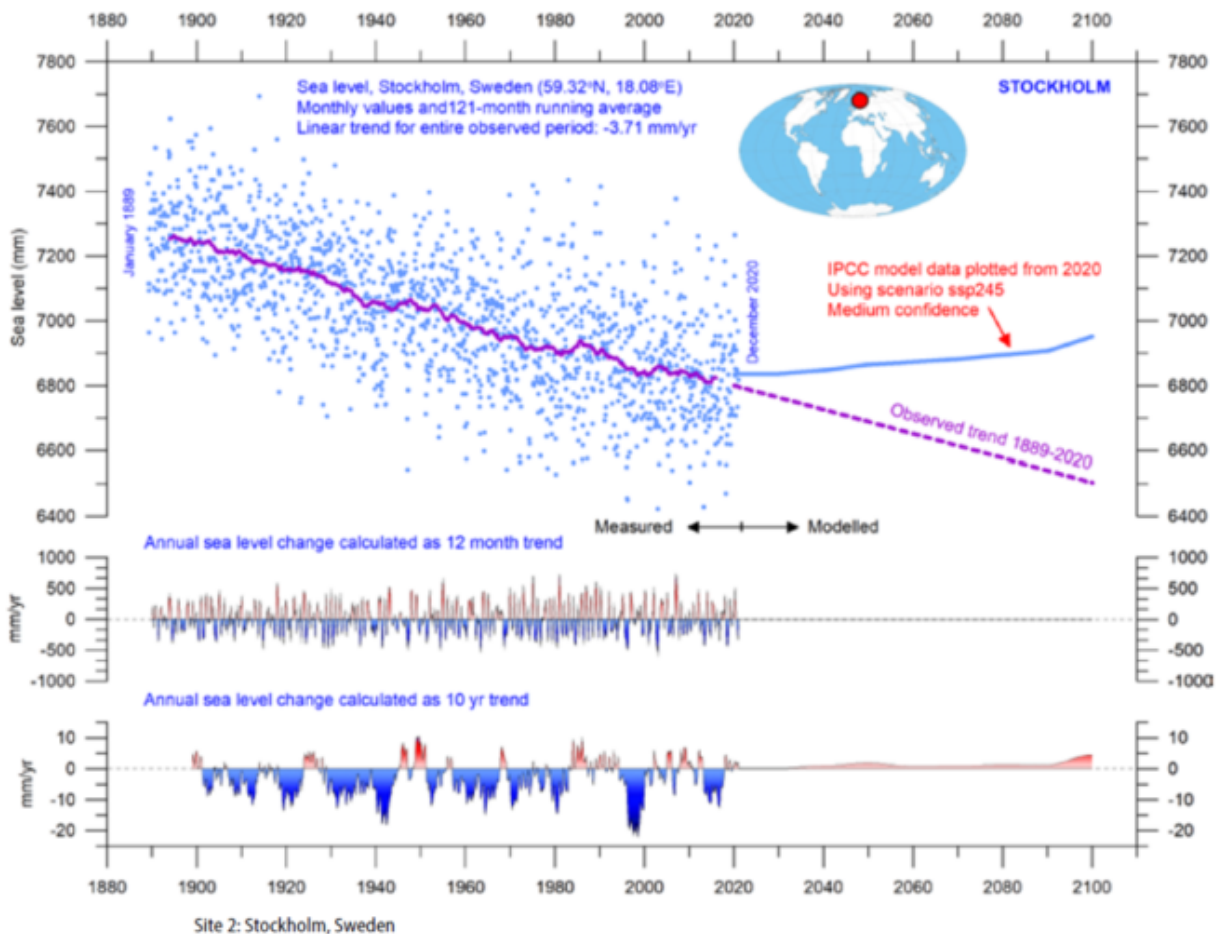
IPCC AR6 Sea Level Projection Tool

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??SSP245?????????

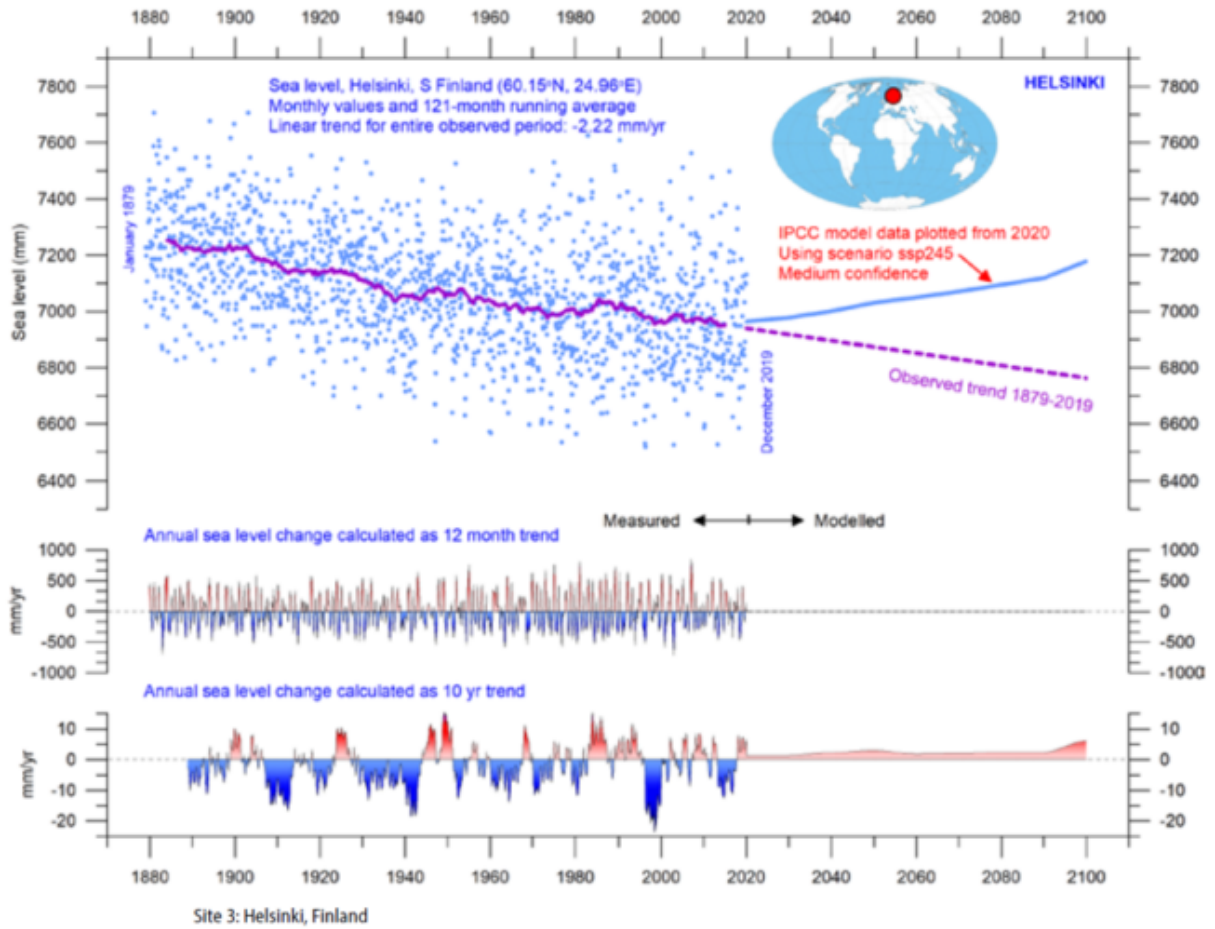
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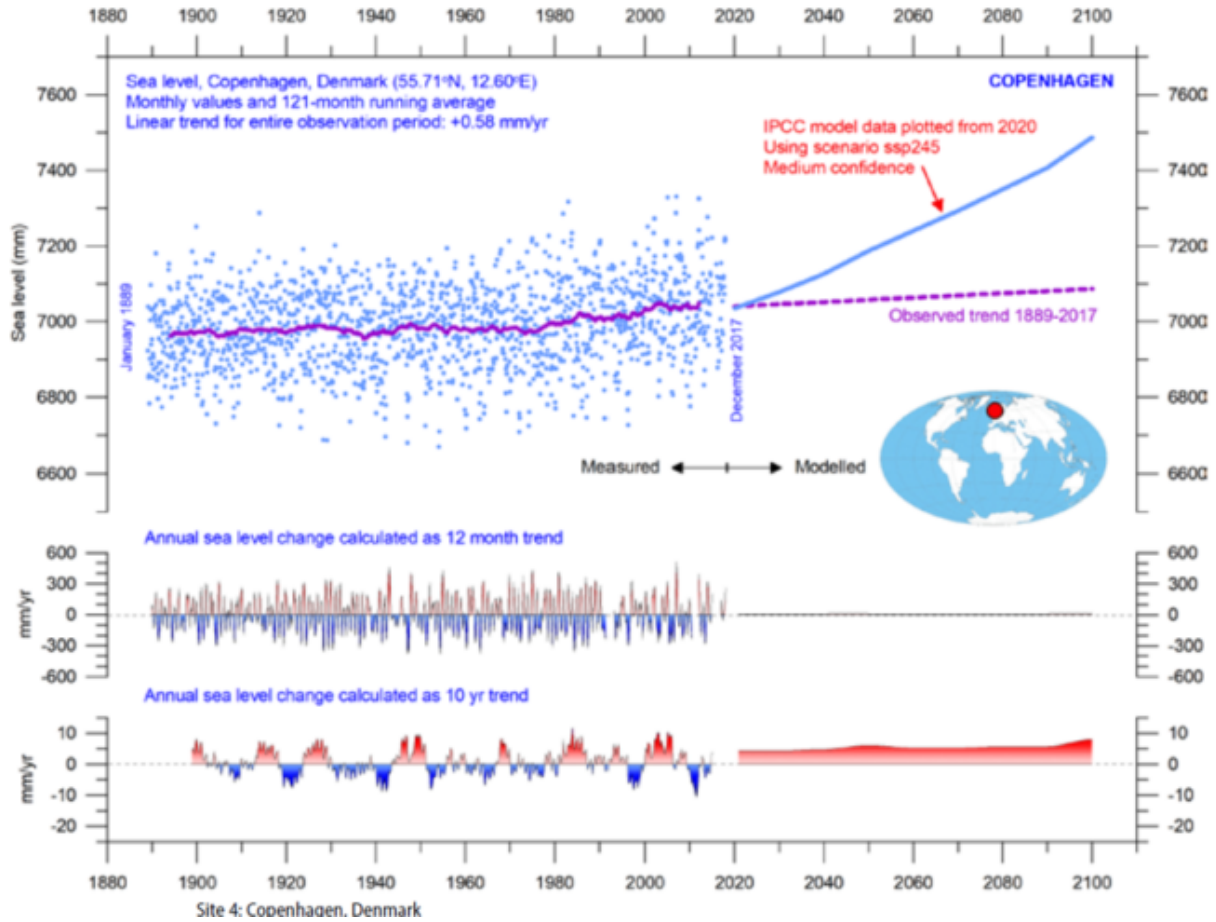
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Posted in ???, ????? | No Comments »

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

?? ?? · Monday, May 15th, 2023

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Wikipedia??

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- ??????????8400???4000?????????400m???
- ??????????9000???2500?????150-200m???
- ??????????400m???
- ??????????9500???6500?????600-700 m???
- ??????????????????10600?????7500?????235???????

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Posted in ???, ????? | No Comments »

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

?? ?? · Sunday, May 14th, 2023



borchee/iStock

????????????IPCC????????????????????????????2023?4??

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

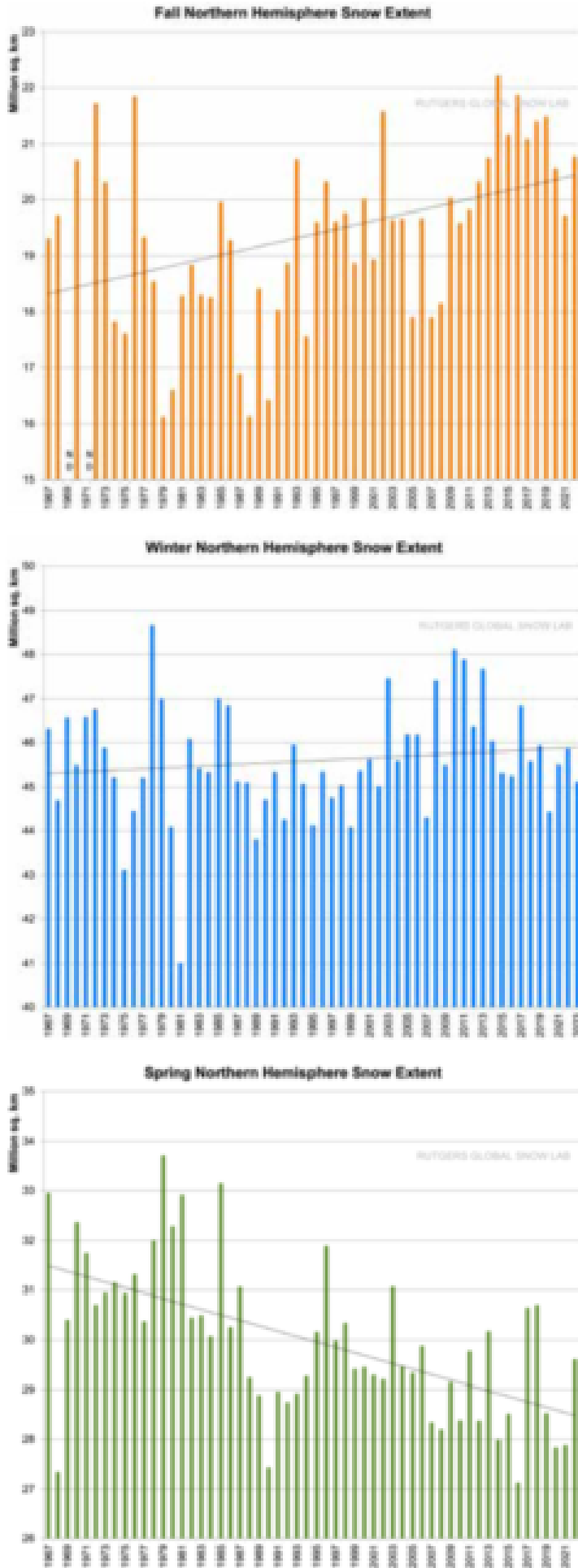


Figure 4: Snow cover extent (SCE) for the Northern Hemisphere for autumn, winter and spring. From: Rutgers Global Snow Lab (2023)

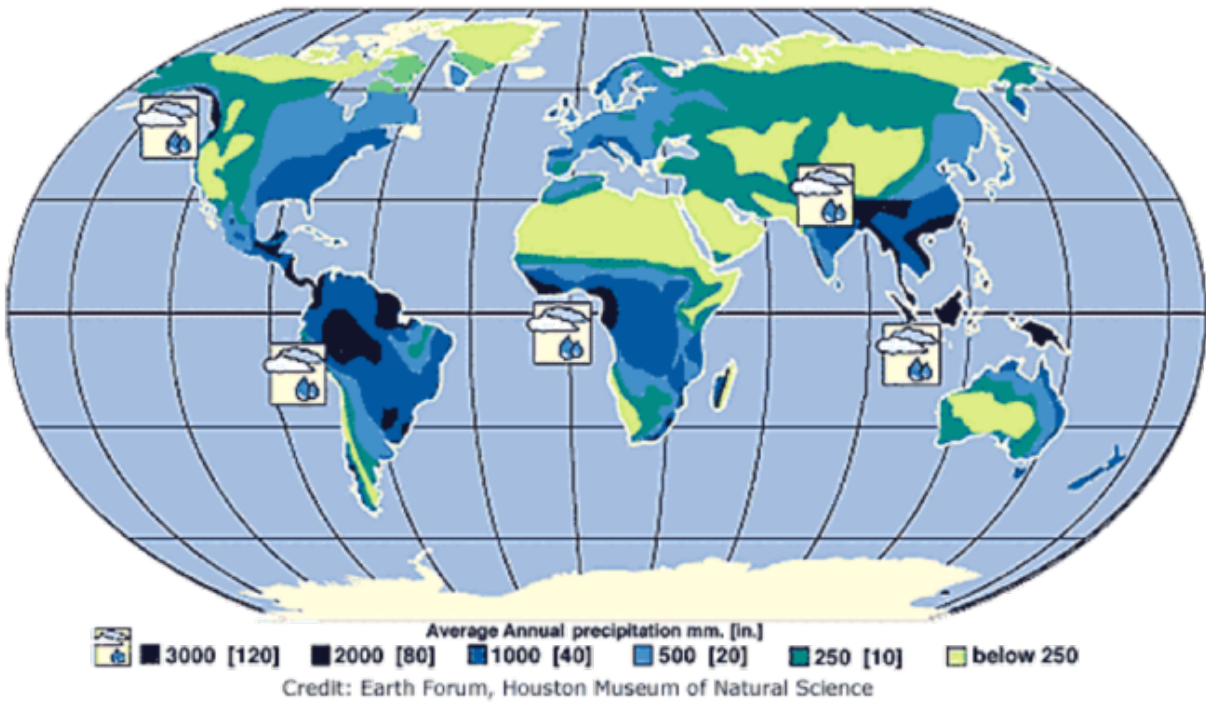
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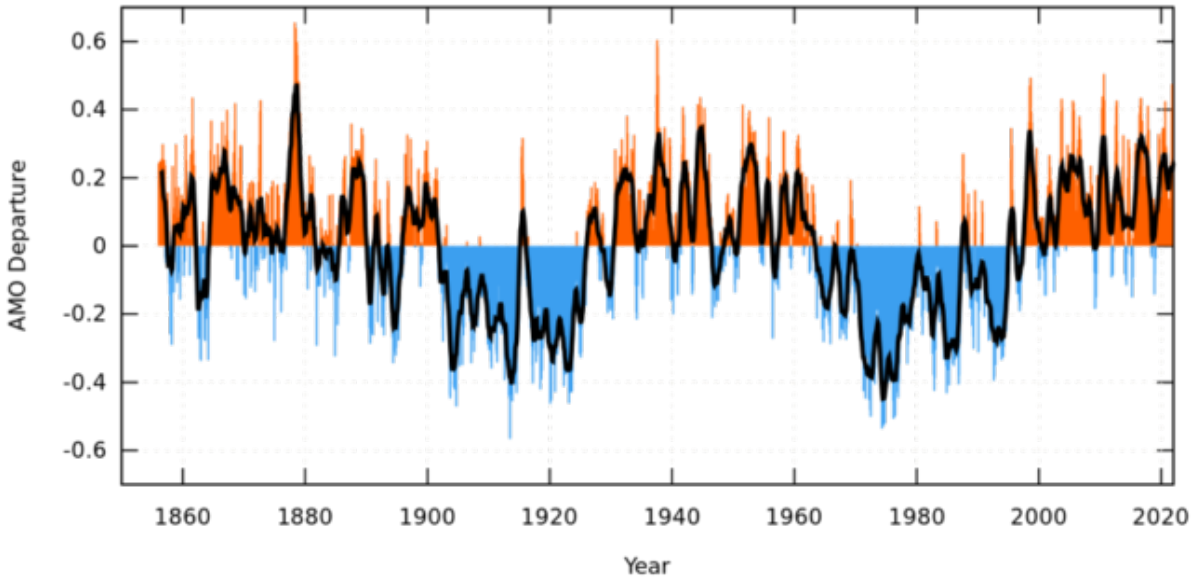
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??1967??2022????56????????????????????????????????AM
O????????60??AMO????????????????

Monthly values for the AMO index, 1856 - 2022



???1972??

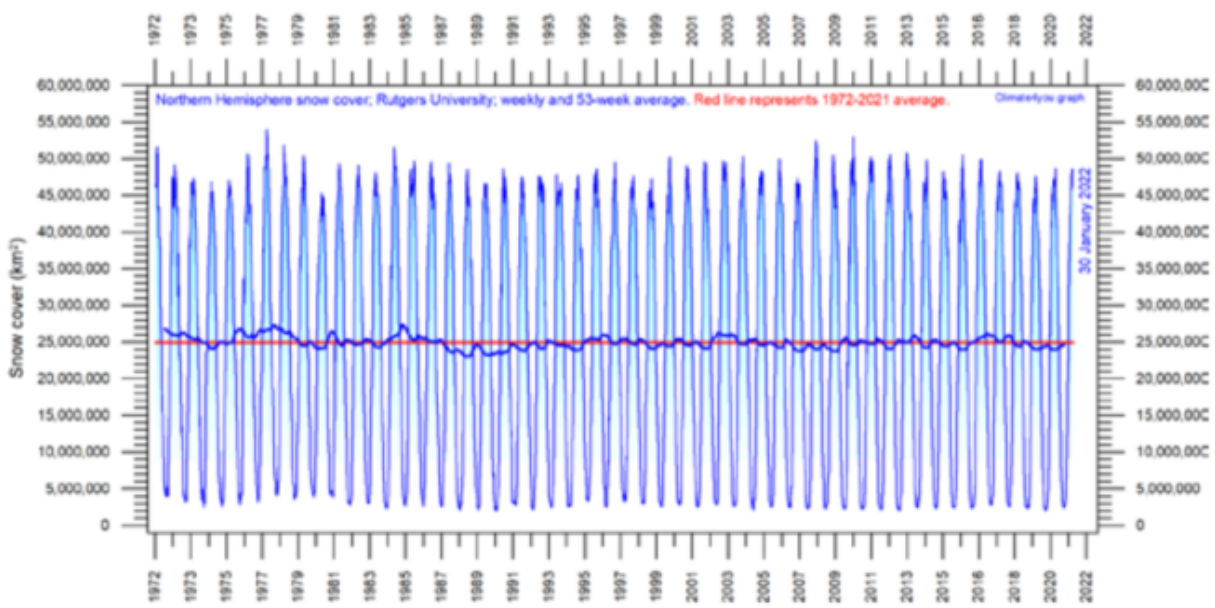


Figure 7: Northern hemisphere weekly snow cover since January 1972 according to the Rutgers University Global Snow Lab (<http://climate.rutgers.edu/snowcover>), the thin blue line is the weekly data, and the thick blue line is the running 53 week average (approximately 1 year). The horizontal red line 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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?? ??? ?? · Thursday, May 11th, 2023

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Posted in ???, ?? | No Comments »

RFK Jr.?2024????????????????????
?? ?? · Wednesday, May 10th, 2023



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kennedy24.com??

4?5?????F?????????2024??F????????????????????
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- ?????????????????18 ??? 29 ???62% ?????????????50 ?????????40?????????
- ???18 ??? 29
????????22% ?????????????????????????????????50 ?????????10????????

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??CR?LGBTQ????????????????????????????????????
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??Fox
News??20????????????????????

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

2023??ESG?????????
?? ?? · Saturday, May 6th, 2023



Kanur Ismail/iStock

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initiative??NZBA????????19????????????
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??COP27????????????????????????????CO2?????
??ESG????????????????????????????

2023????????????EU????????????????????????????????????2035?EV????????????????????????????????????ESG???

ESG 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?????

????EU????????????2035????????e-
 fuel????????????????????EU?EV????????????EU????????
 ?????EV????????????

e-
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 CO₂????????e-
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EU????????????????????
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1. 400????????????EV??10????????????20????????????10?15??
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2. ?EV????????????????????????????????37????????????????????????10?20????????????50?150????????????600????
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3. EV????????????????????????????????????30????????????????????????2????????????????????EV????????????
????????EV?????1????????????

??3????????????????????????????????????

??WEF????????????????CO₂??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.”

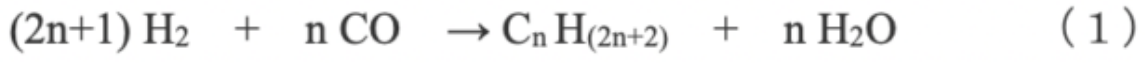
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??????WEF??

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??e-fuel?????CO₂?H₂?????Fischer-
Tropsch?FT????????????????????FT????1920????????????????FT????????????????
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???2021??????????

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

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

?? ? · Tuesday, April 25th, 2023

4?15?16????????????G7????????????????????????????????

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

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??2025????????????????1.5????????????2030????
????2050????????????????????????????????2030????????????2030????????
?G20????????????????

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?60????????????????????IPCC????????????G7?2035????
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Posted in ??????????, ??? | [No Comments »](#)

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?? ?? · Monday, April 24th, 2023



nndanko/iStock

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O2????²²????????????????????????????????

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“2023?1??

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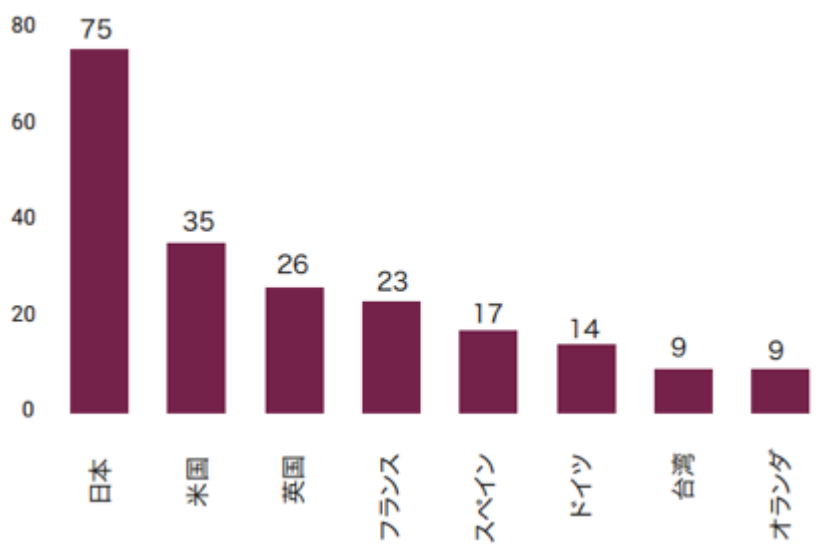
CDP?????

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????????CDP????????2022????????????????A????????75????????2????????35????????1
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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				
:				

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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15

Friday, April 14th, 2023



Leestat/iStock

2017 6 15 15

2021 15

CO2



CO2 H2O CO2

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?? ?? ? · Wednesday, April 12th, 2023



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?? ?? · Sunday, April 9th, 2023



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

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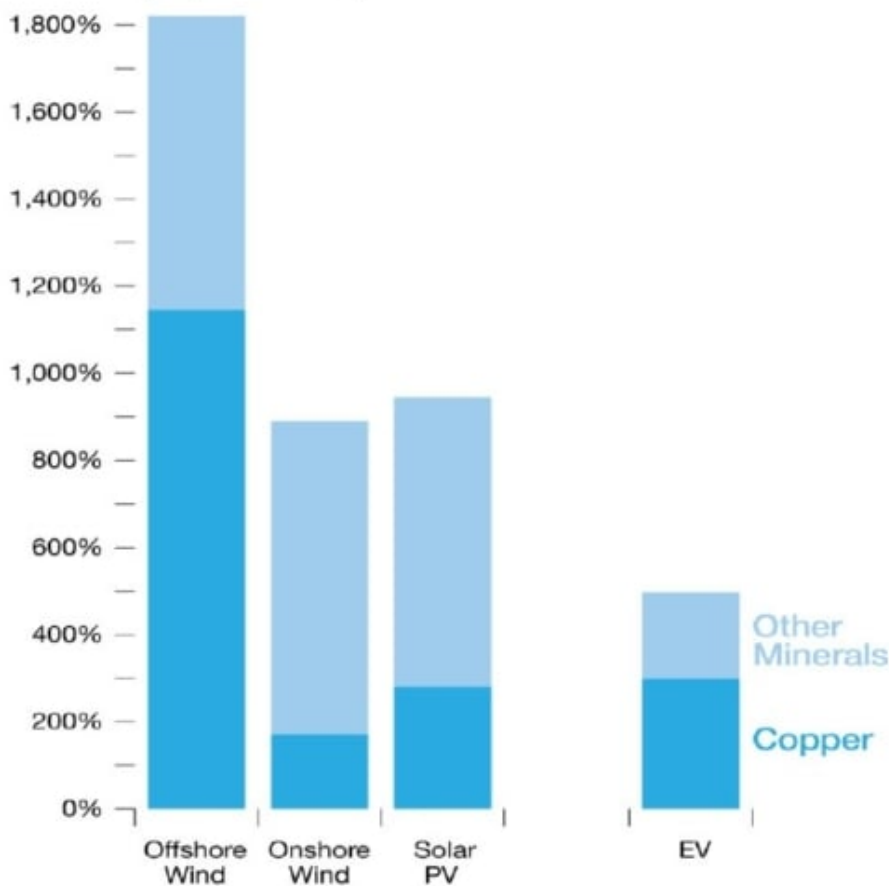
2050??
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1. ?????????????????????????????

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

Increased Weight per Watt or per Car



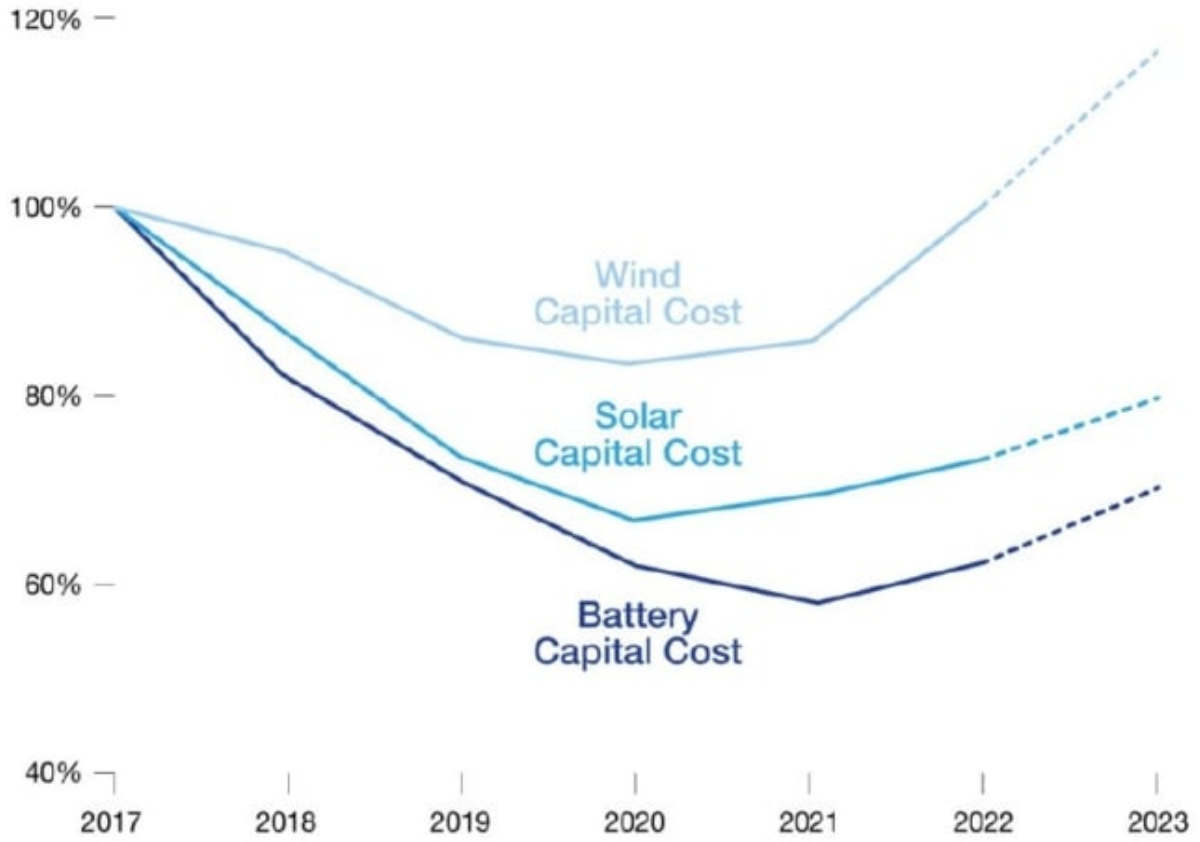
??300????????????????????????????????
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Costs of Wind, Solar, and Battery Hardware

Change from 2017

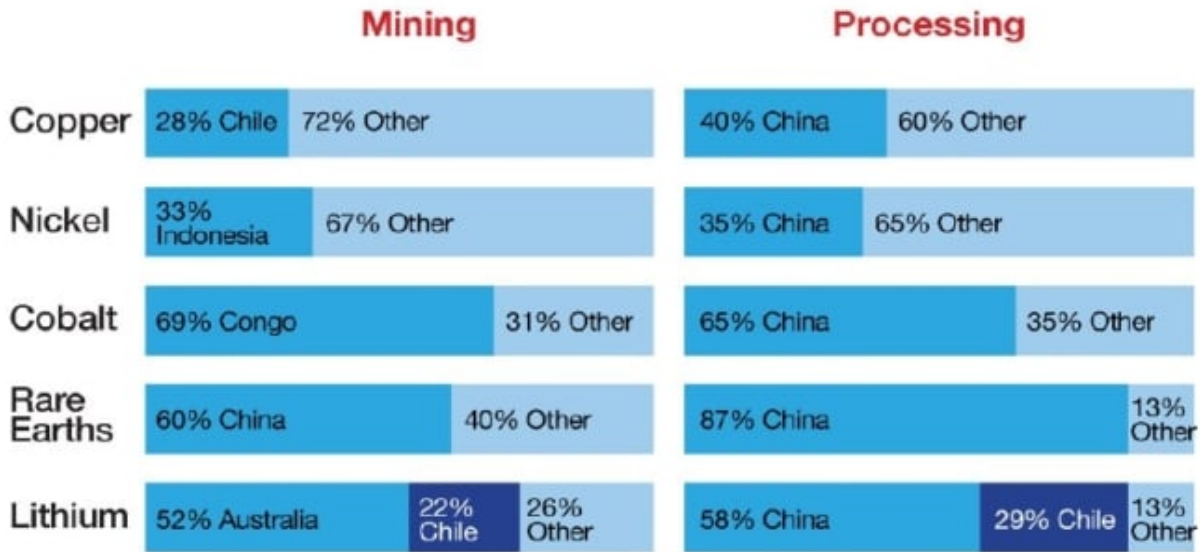


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Sources of Key Energy Transition Minerals



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HiddenCatch/iStock

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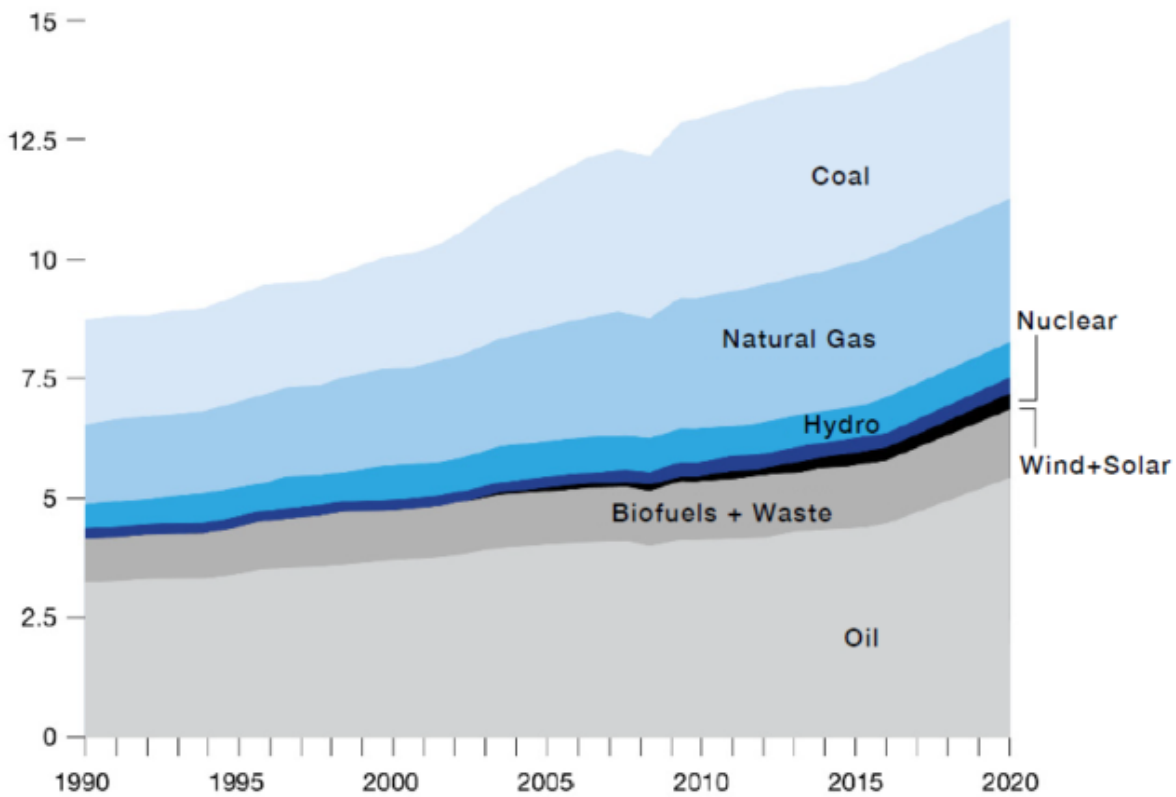
2050??

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Growth in Global Energy Supplies

Oil Equivalent (Billion Tons/Year)*



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

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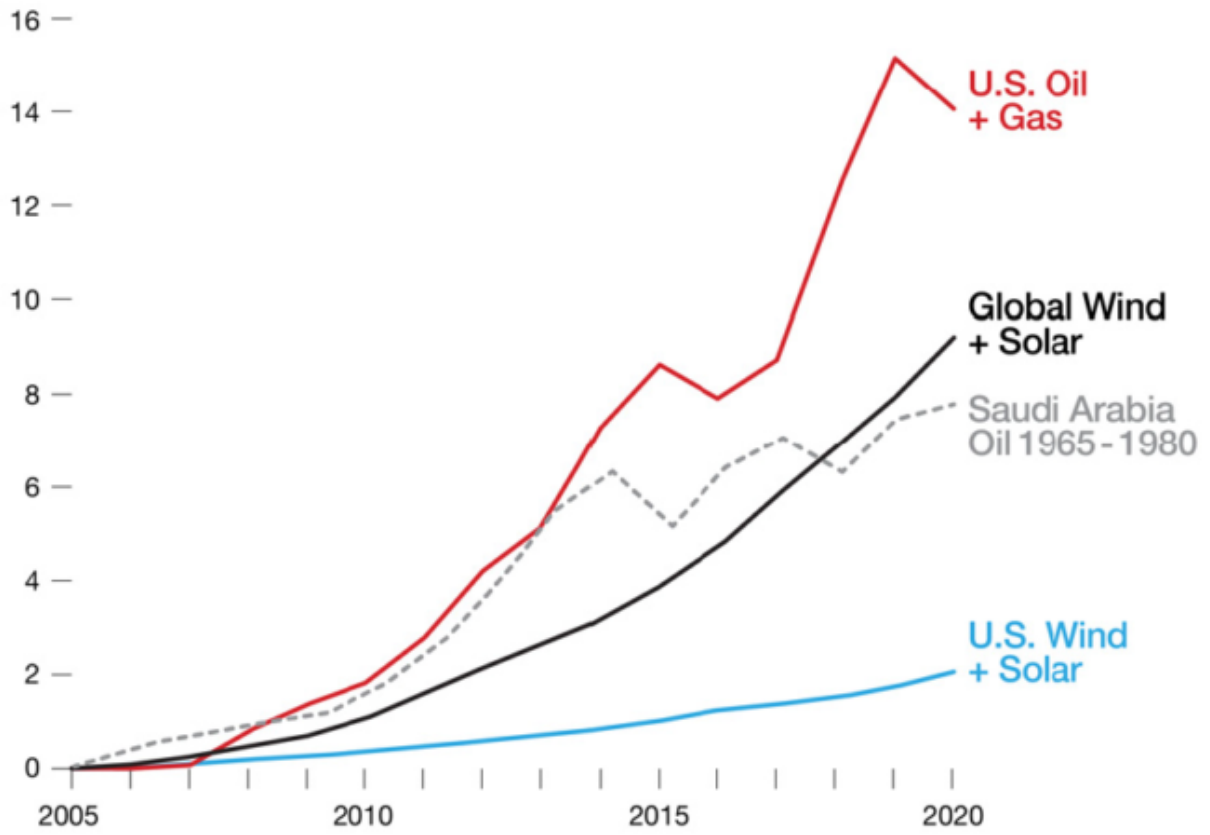
??10???????

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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)

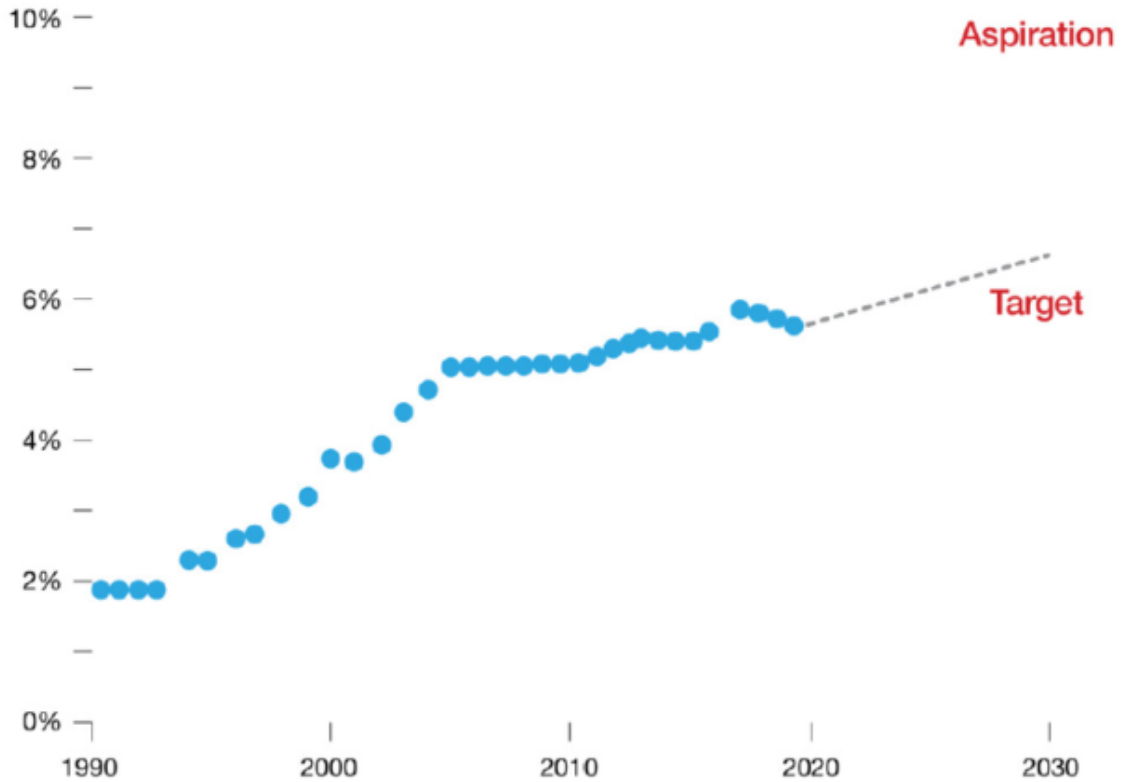


4. ?????????????????????

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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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?? ?? · 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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?? ?? · Thursday, April 6th, 2023

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?? ?? · Tuesday, April 4th, 2023



Viktor Sidorov/iStock

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 ?? ? · Sunday, April 2nd, 2023



Jorm Sangsorn/iStock

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 1853 3 70 1923 1995 2011 2016 100 150
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??EV????????????????????????????????

?? ??? · Saturday, April 1st, 2023



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

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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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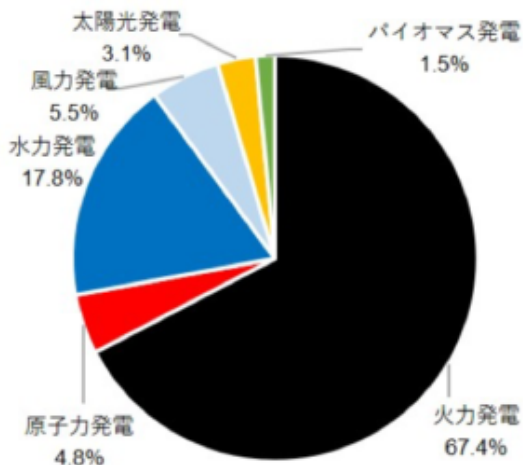


図4 2019年の中国の発電電力量の構成

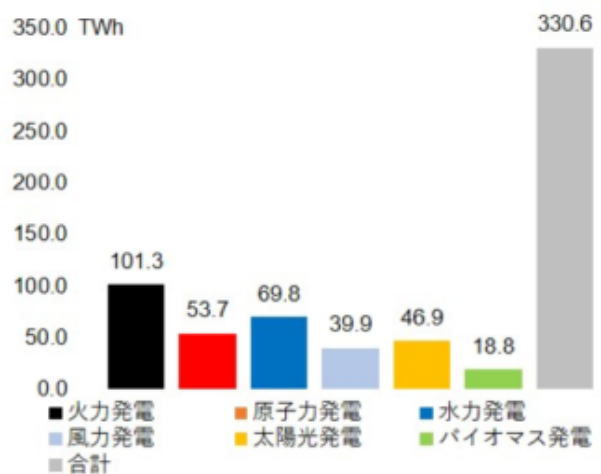


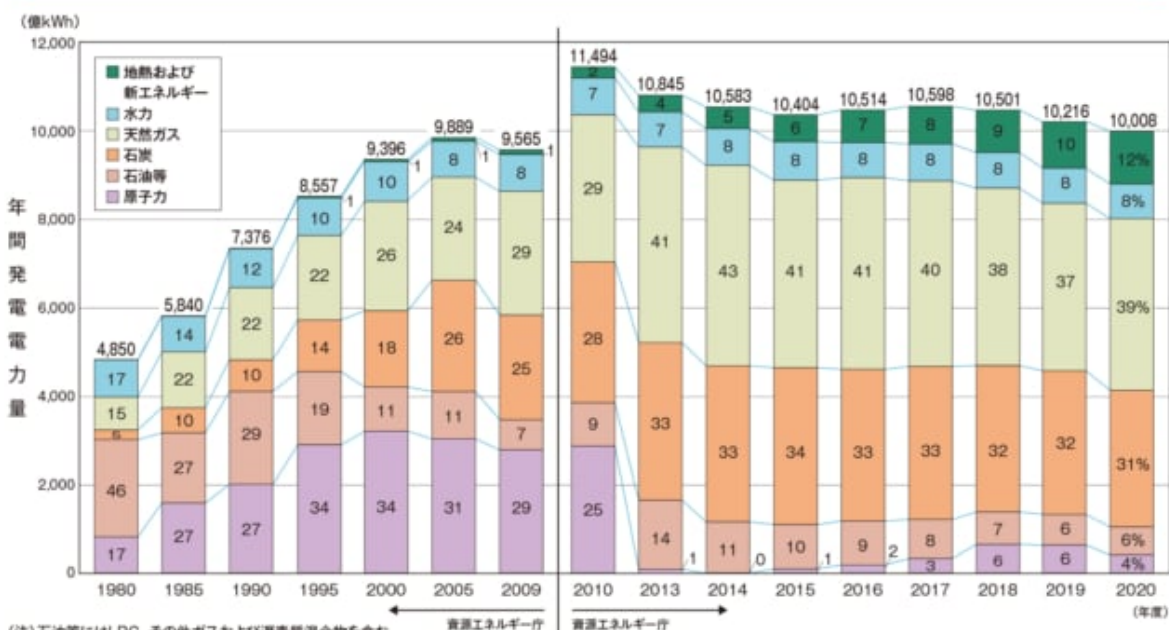
図5 2019年に増加した発電量の内訳

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電源別発電電力量の推移



(注) 石油等にはLPG、その他ガスおよび混雑質混合物を含む
四捨五入の関係で合計値が合わない場合がある
グラフ内の数値は構成比(%)

← 資源エネルギー庁「電源開発の概要」、「電力供給計画の概要」を基に作成
→ 資源エネルギー庁「総合エネルギー統計」を基に作成

1-2-7 出典：資源エネルギー庁「エネルギー白書2022」より作成

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EV??CO2??

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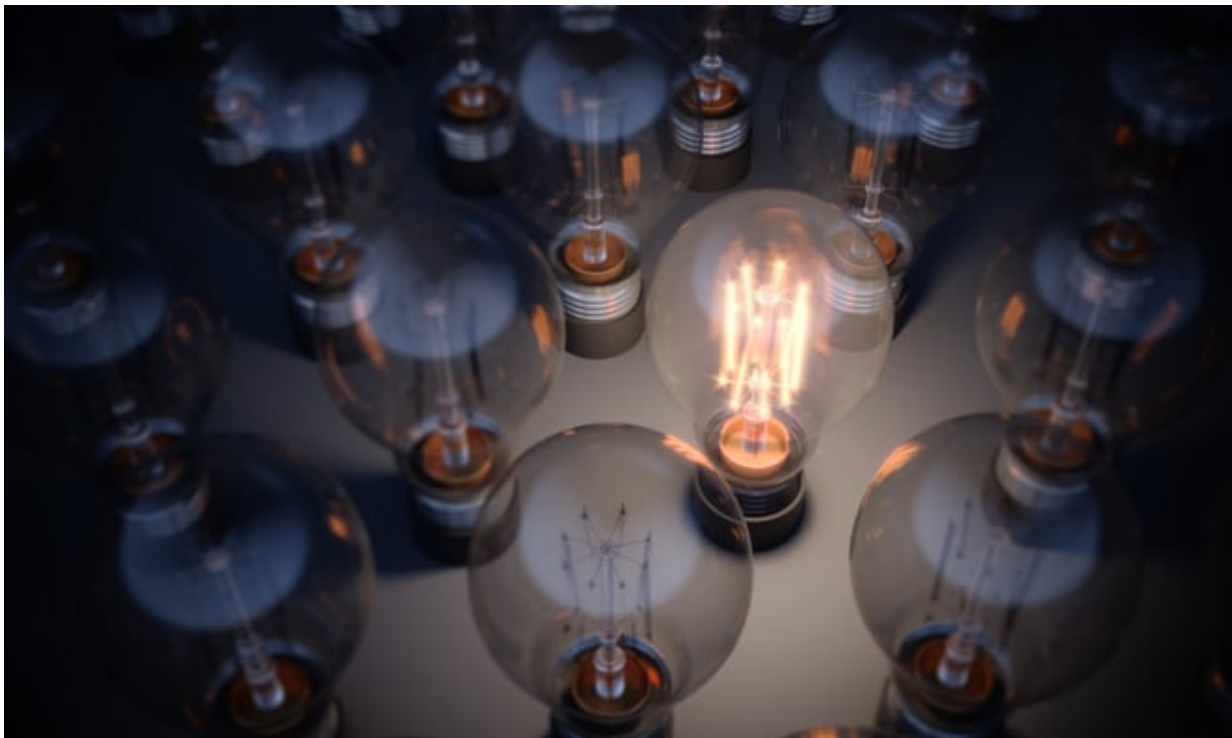
????????????EV????CO2????????????????????????????????CO2????????????????????????????
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Posted in ??????????, ?? | [No Comments »](#)

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?? ?? · Thursday, March 30th, 2023



Eoneren/iStock

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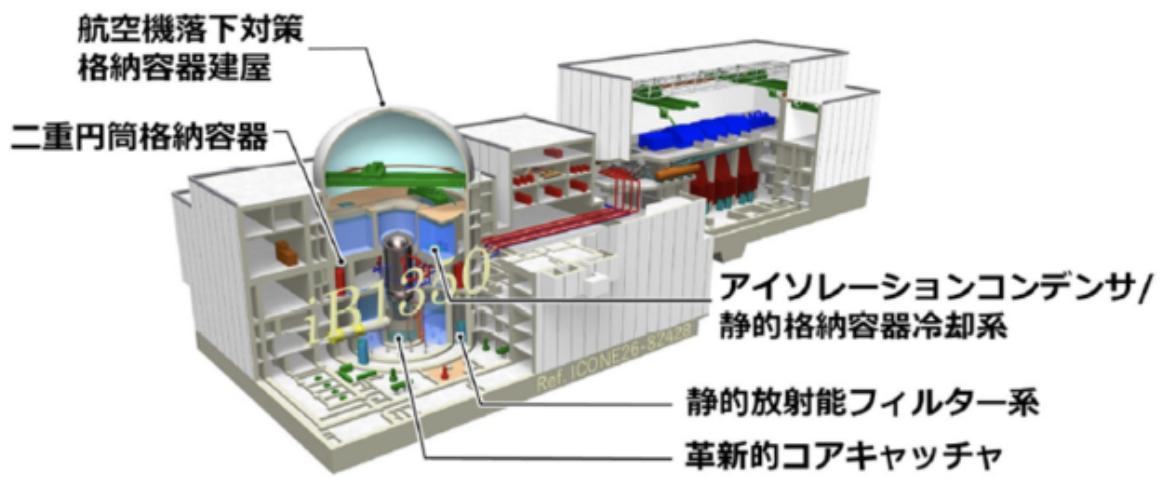
??????SRZ1200???

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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AlxeyPnferov/iStock

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Atstock Productions/iStock

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PeskyMonkey/iStock

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出所：中国中央電視台 (CCTV) 2015年3月8日

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Douglas Rissing/iStock

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