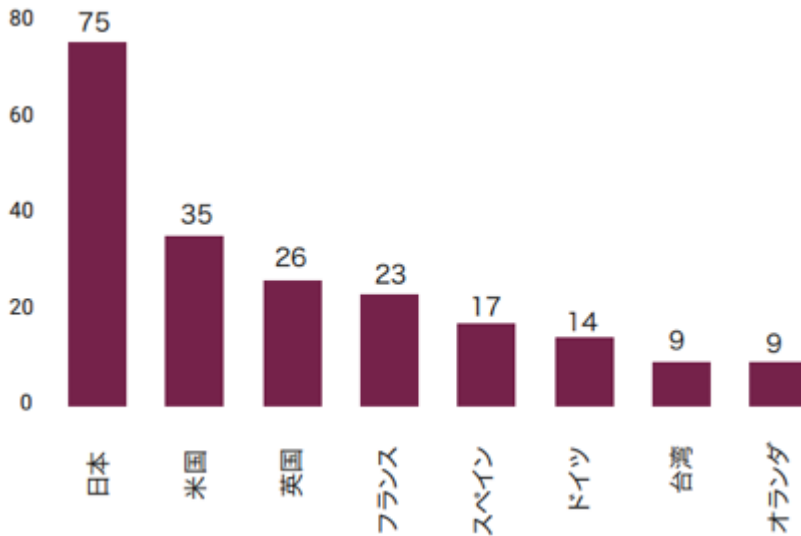


気候変動 Aリスト 2022

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%

?

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

CDP CDP

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1

Tier1 100 1 99

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1kg 1m CO2 CO2

2 ?

A CO2 1 CO2 100 500 1000

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?SDGs????????

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

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?? ?? · Sunday, April 16th, 2023



deepblue4you/iStock

2023?4?15????????????????3??????????

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

Hydrogen

Friday, April 14th, 2023



Leestat/iStock

2017-2021 Hydrogen production capacity in the EU is expected to reach 15 million tonnes per year by 2021, up from 6 million tonnes in 2017.

Hydrogen production capacity in the EU is expected to reach 15 million tonnes per year by 2021, up from 6 million tonnes in 2017.

2021-2025 Hydrogen production capacity in the EU is expected to reach 15 million tonnes per year by 2025, up from 15 million tonnes in 2021.

Hydrogen production capacity in the EU is expected to reach 15 million tonnes per year by 2025, up from 15 million tonnes in 2021. CO2 emissions from hydrogen production are expected to be significantly reduced by 2025.

Hydrogen production capacity in the EU is expected to reach 15 million tonnes per year by 2025, up from 15 million tonnes in 2021. CO2 emissions from hydrogen production are expected to be significantly reduced by 2025.

Hydrogen production capacity in the EU is expected to reach 15 million tonnes per year by 2025, up from 15 million tonnes in 2021.

Hydrogen production capacity in the EU is expected to reach 15 million tonnes per year by 2025, up from 15 million tonnes in 2021. CO2 emissions from hydrogen production are expected to be significantly reduced by 2025.

Hydrogen production capacity in the EU is expected to reach 15 million tonnes per year by 2025, up from 15 million tonnes in 2021.

CO2 H2O CO2

IT

60 60 2 36 64 40

CO2

km

2017 5 1 138

1 CCUS CO2 2

1 CCUS

1000

2 EV

CCUS

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

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?? ?? ? · Wednesday, April 12th, 2023



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Wikipedia??

15??12??3??

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4??15??2045??

CO2??CO2??

220??2022??5??3??

1??LNG??



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

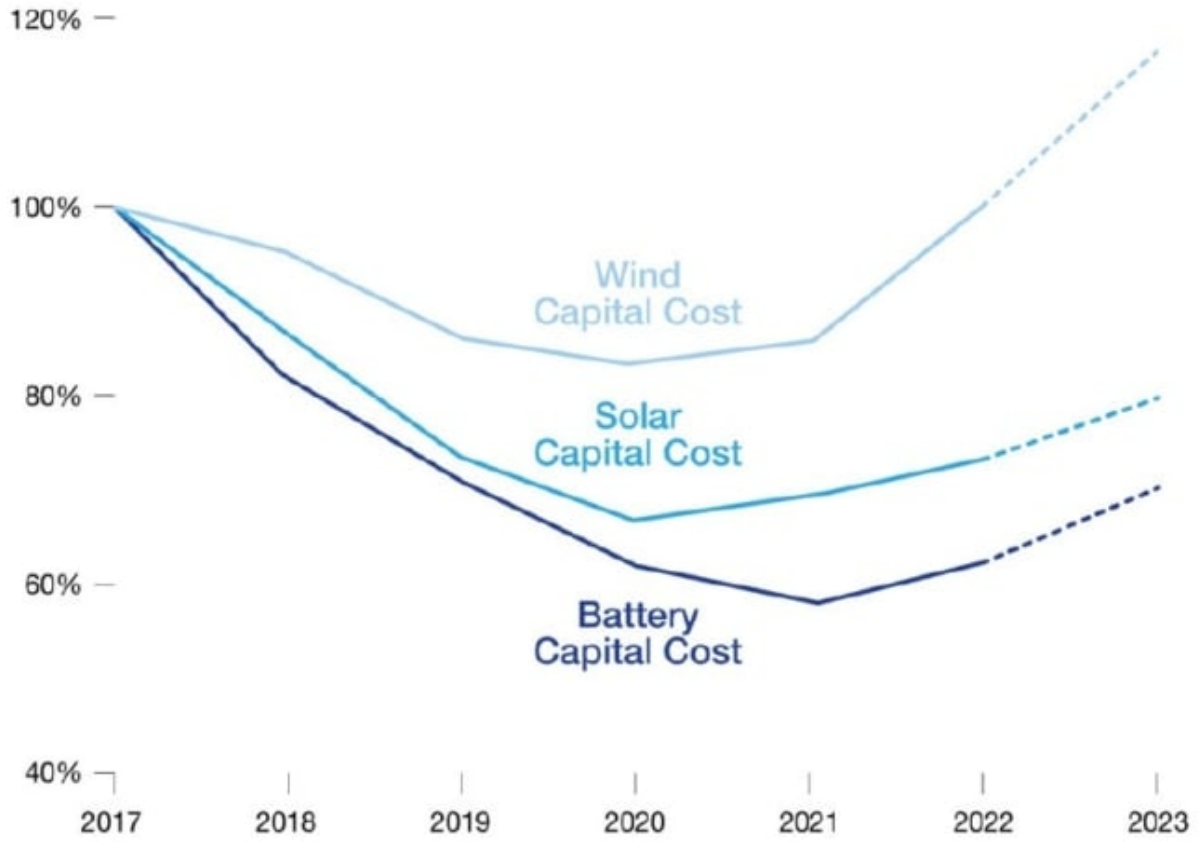
????????????????

?? ?? · Sunday, April 9th, 2023



Costs of Wind, Solar, and Battery Hardware

Change from 2017

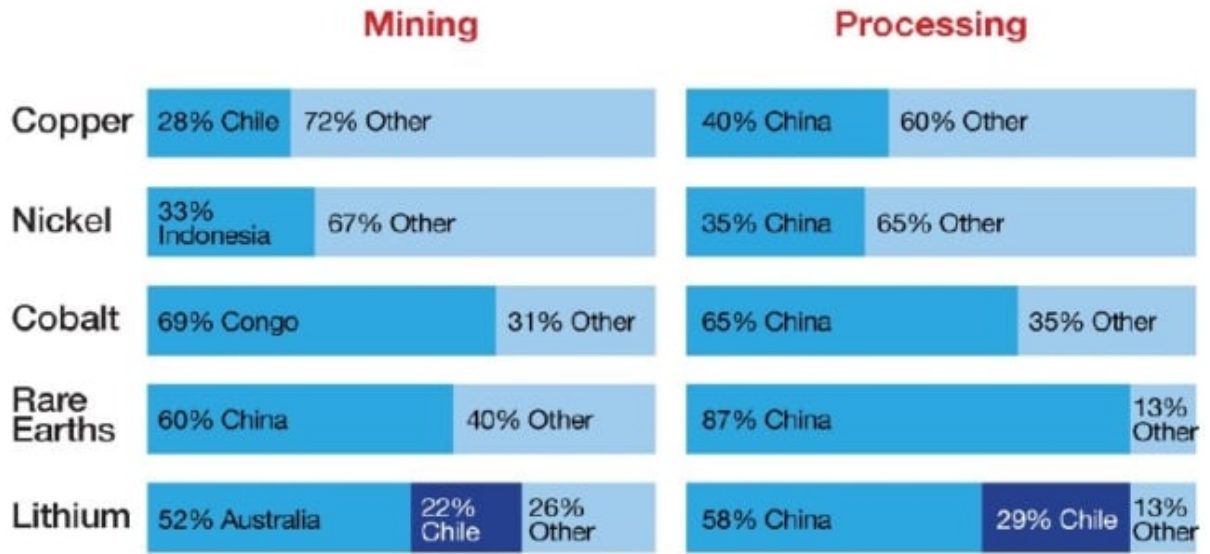


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4. ??????????OPEC???

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Sources of Key Energy Transition Minerals



??OPEC?????2????????????????????????????????????
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Posted in ???, ????? | No Comments »

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?? ?? · Saturday, April 8th, 2023



HiddenCatch/iStock

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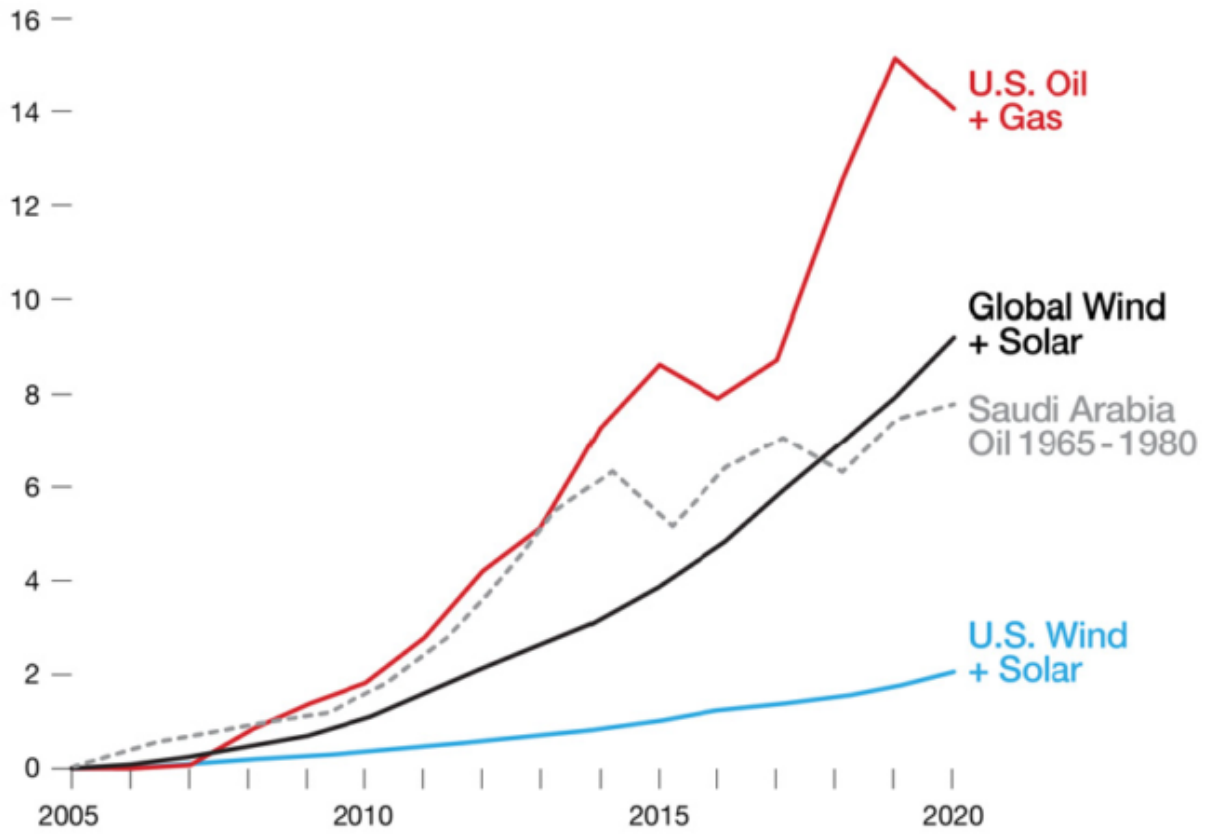
2050??

1. ?????????????????????

??10????????????????????????????????

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

Increased Production (Million BOE/Day)

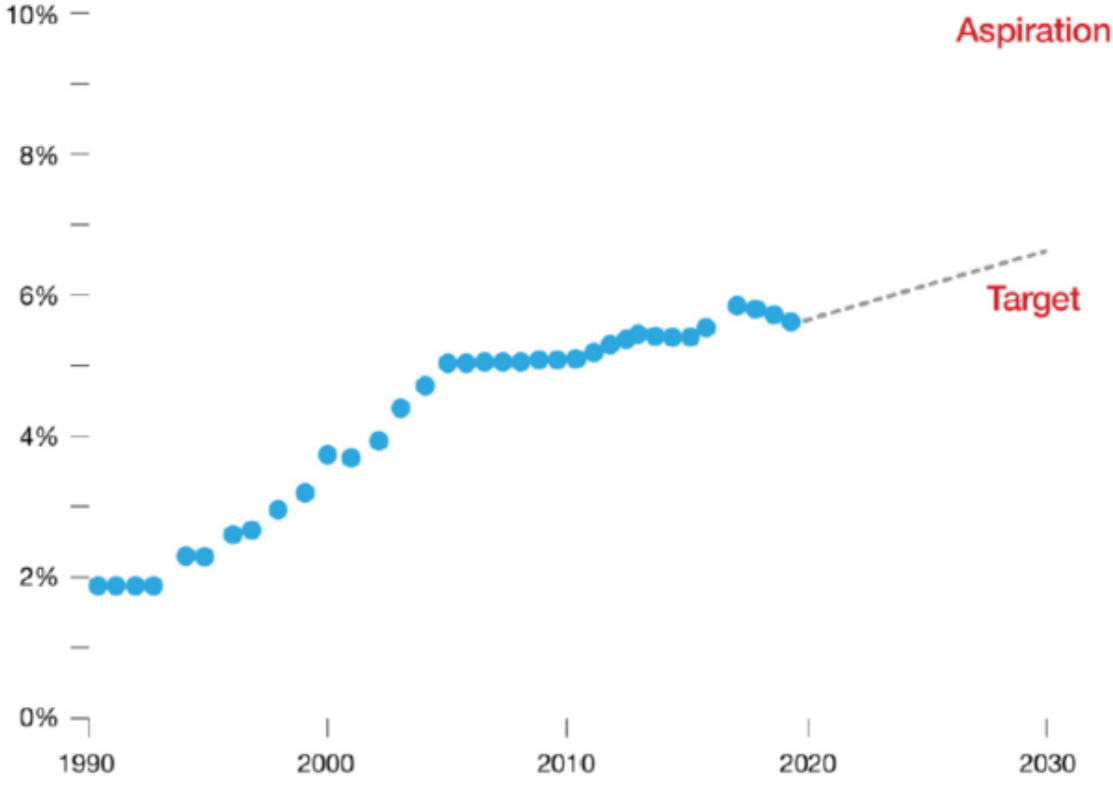


4. ?????????????????????

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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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Posted in ???, ????? | No Comments »

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Posted in ???, ????? | No Comments »

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 ?? ? · Sunday, April 2nd, 2023



Jorm Sangsorn/iStock

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

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

?? ?? · Saturday, April 1st, 2023



?????? ????/iStock

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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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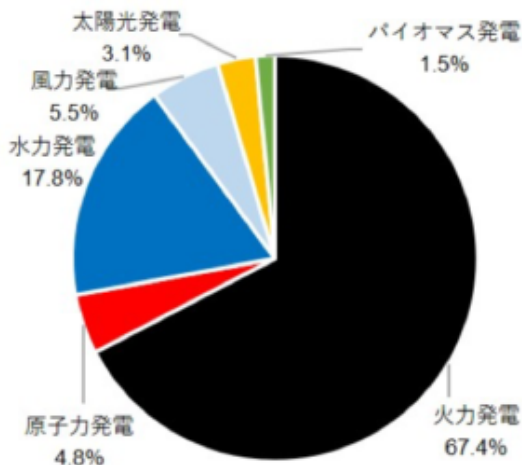


図4 2019年の中国の発電電力量の構成

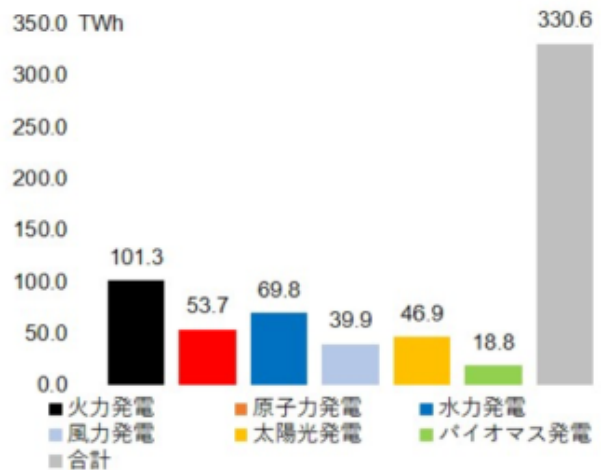


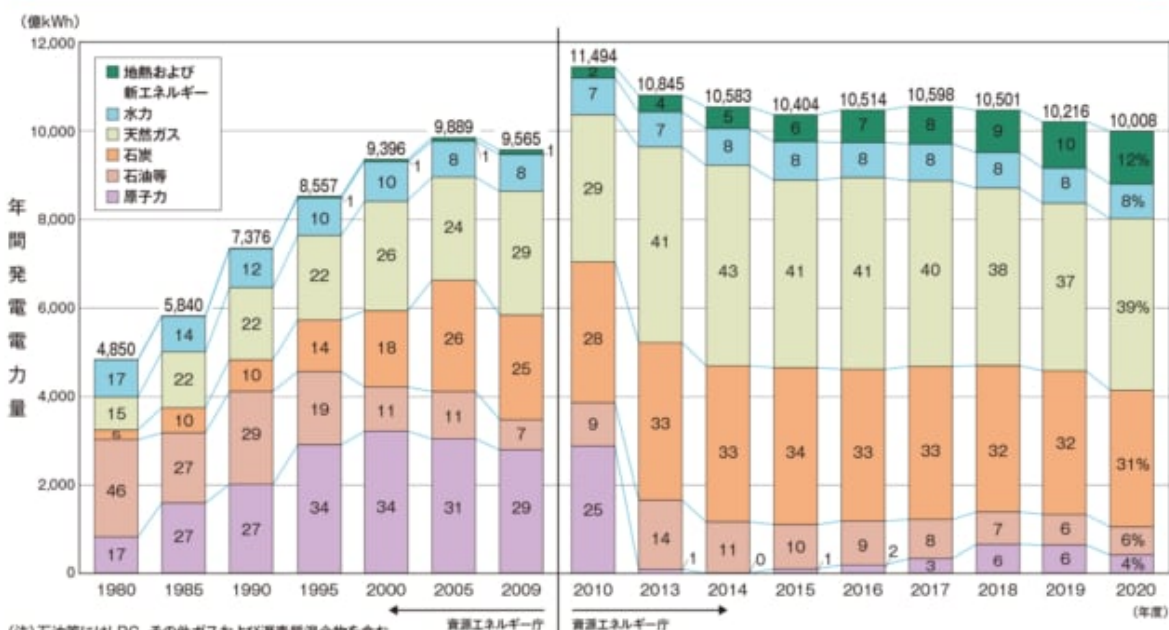
図5 2019年に増加した発電量の内訳

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????????EU????????2035????????????EV????????????????????????
????????????????????CO2????????????

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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焼質混合物を含む
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

原子力・エネルギー調査

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EV??CO2??

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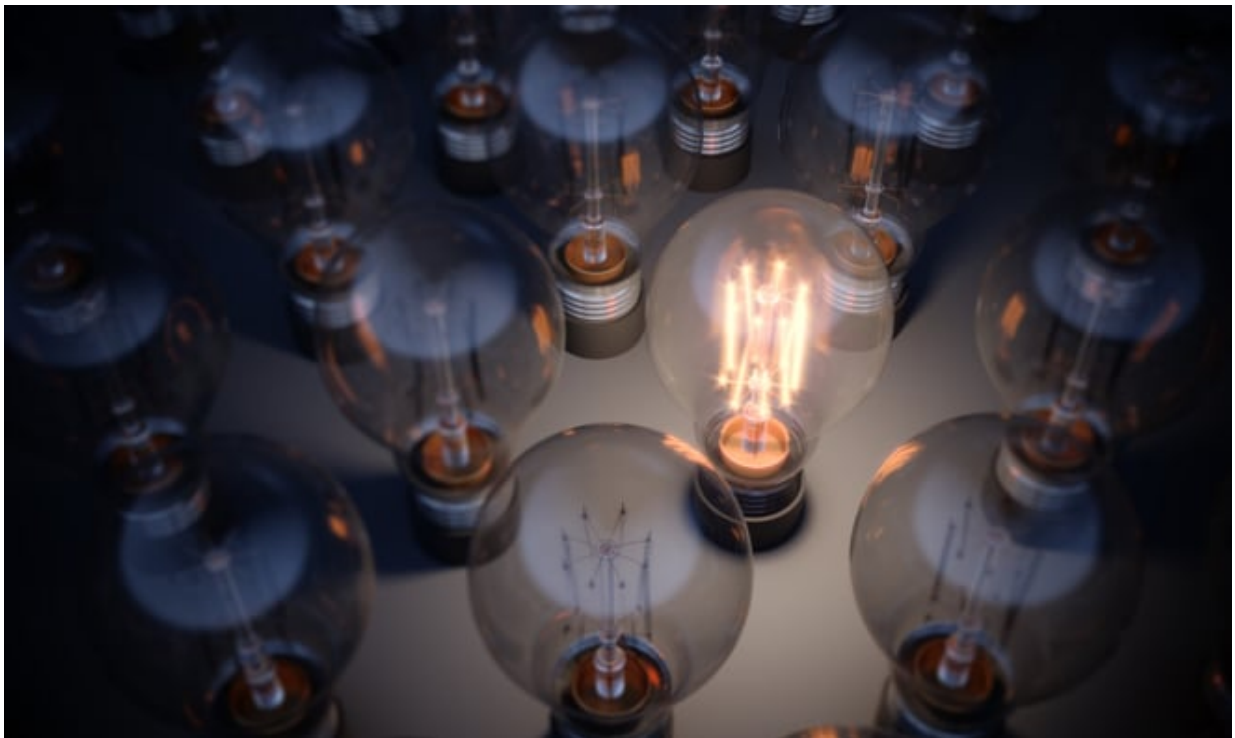
??????EV????CO2????????????????????????????????CO2????????????????????????????
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????GX????????????????????????????EV????????????????????

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

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

?? ?? · Thursday, March 30th, 2023



Eoneren/iStock

????GX??

????????????????????ABWR?????????)?APWR(????????)????????????????????
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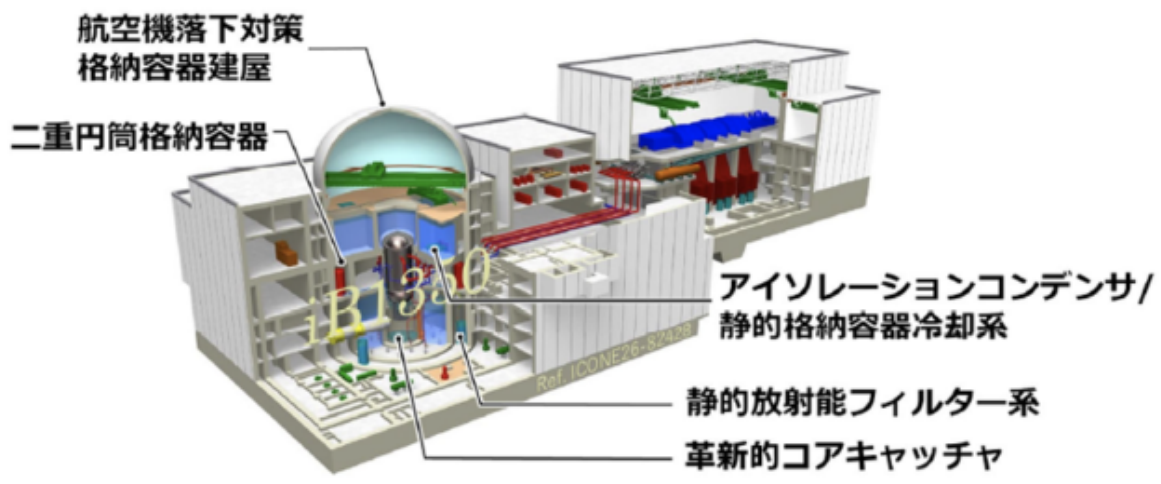
??????SRZ1200???

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 »

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?? ?? · Wednesday, March 29th, 2023



AlxeyPnferov/iStock

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

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

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?? ?? · Wednesday, March 29th, 2023

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Atstock Productions/iStock

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Posted in ???, ????? | No Comments »

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?? ? · Tuesday, March 28th, 2023

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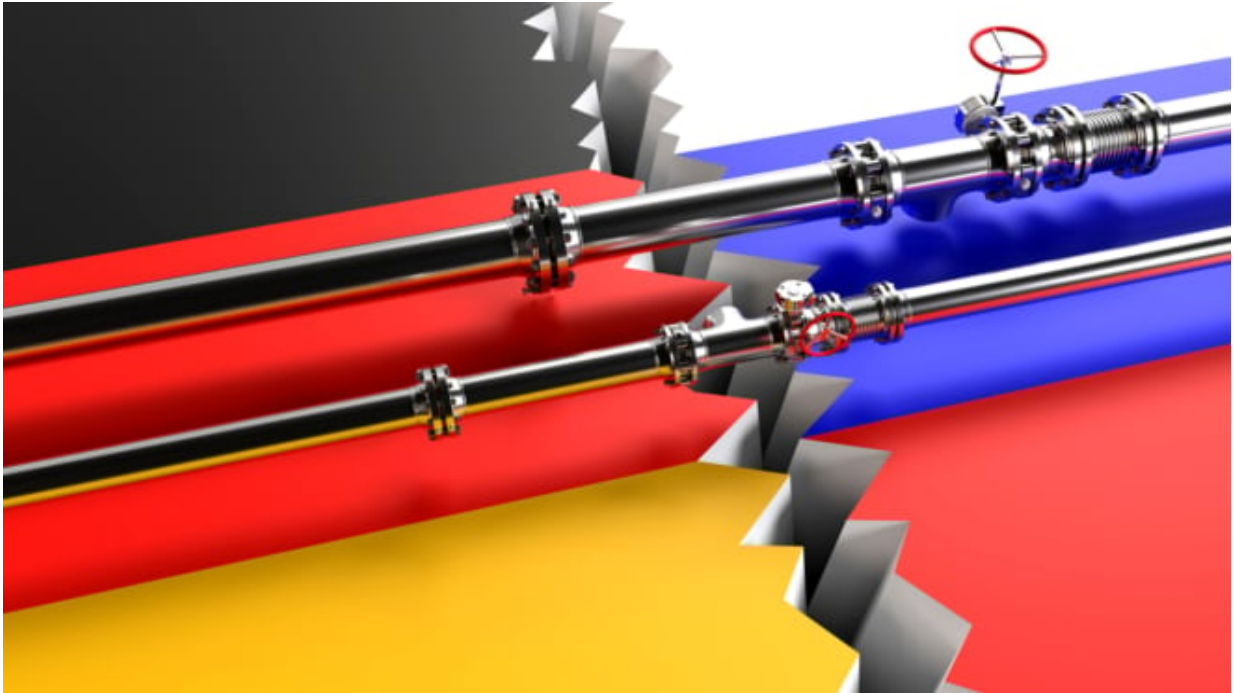
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XPCC??1954??1981????????????
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Leestat/iStock

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Posted in ???, ?? | No Comments »

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?? ?? · Wednesday, March 15th, 2023

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??WSJ????????Breitbart????????????Fox News?3???

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Bet_Noire/iStock

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Bjorn Lomborg Climate Report: Hurricanes ‘Unprecedentedly Weak’ in 2022

????????????????2022????????????????????

Thomas D. Williams, Ph.D.
Breitbart News Network – 30 Jan 2023

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????WSJ??????

Partisan ‘Fact Checkers’ Spread Climate-Change Misinformation

I posted sound statistics on polar-bear populations, and Agence France-Presse called them ‘misleading.’

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S.O.S for the U.S. Electric Grid

PJM Interconnection sounds the latest alarm that fossil-fuel plants are shutting down without adequate replacement power. The political class yawns.

????S.O.S.?PJM??
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By The Editorial Board Follow
Feb. 26, 2023 4:47 pm ET

The Ukraine War Lesson Europe Refuses to Learn

The Continent is taking national security seriously but closes its eyes to the risks of ‘green’ energy.

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Joseph C. Sternberg hedcutBy Joseph C. SternbergFollow
Feb. 23, 2023 1:06 pm ET

CHINA Published February 20, 2023 2:00am EST

CCP-backed tech companies are poised to cash in on Biden’s climate bill, national security experts warn

Ford has ‘serious questions to answer,’ Sen. Joe Manchin’s office tells Fox News Digital

Thomas CatenacciBy Thomas Catenacci | Fox News

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?????????????????Fox News Digital?????

DIGITAL ORIGINALS Published February 21, 2023 2:00am EST

Does China’s purported green energy push signal a coming conflict with the US?

Climate talks between the US and China are meant to appease westerners, not actually enact change, policy analyst says

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By The Editorial Board
2023?3?3? 13:31 JST

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Capitalism?????????ESG?????????????????????ESG??
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???ESG?????2024??

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?? ?? · Tuesday, March 14th, 2023



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Taiki Kawasaki/iStock

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

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?? ?? · Monday, March 13th, 2023

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1960 Cabrini-Green 40?50

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2016 The City That Never Was

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

????????????20??????6??????

?? ?? · Thursday, March 9th, 2023



Evgeny Gromov/iStock

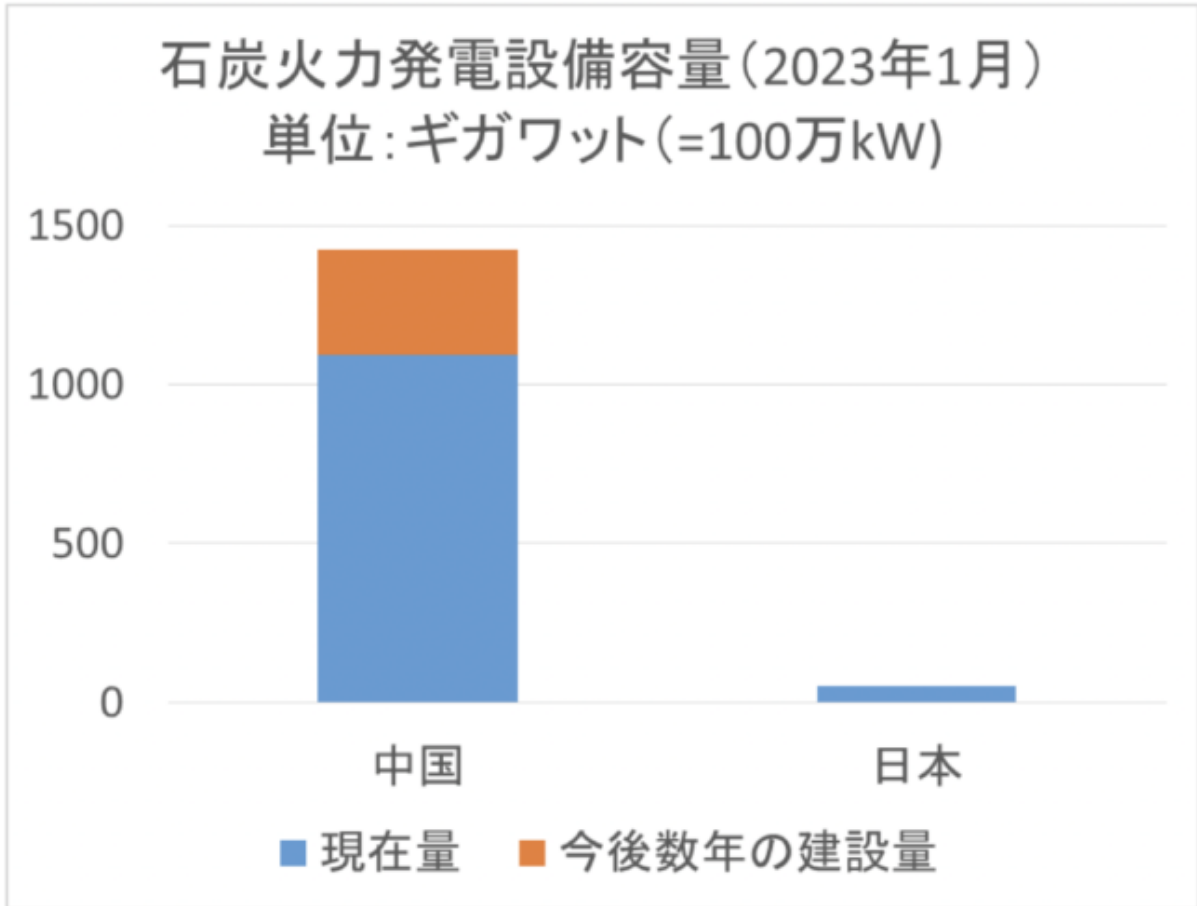
????????????????????1?????????Global Energy Monitor?GEM??????????



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??????Commissioned??

2022??6??????????????????



	中国	日本
現在量	1093	53
今後数年の建設量	330	0

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

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?? ?? · Wednesday, March 8th, 2023



loonger/iStock

Who is leading the critical technology race?

ASPI

ASPI 44 37 7

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