

CO

CO

2. 6,000

6,000

3. CO

CO CO

- 8,000 ppm
- 5,000 ppm
- 4,000 ppm
- 1,600 ppm
- 800-1,500 ppm
- 425 ppm
- 200 ppm
- 140 ppm

CO 425 ppm CO starvation

4.

1 80

5. CO

CO CO

CO

6. ?

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

1. ???
2. CO? ?????????????????????????????????
3. ???
4. ???
5. ???

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

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

?? ?? · Tuesday, January 27th, 2026



Neil Aldridge/iStock

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

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

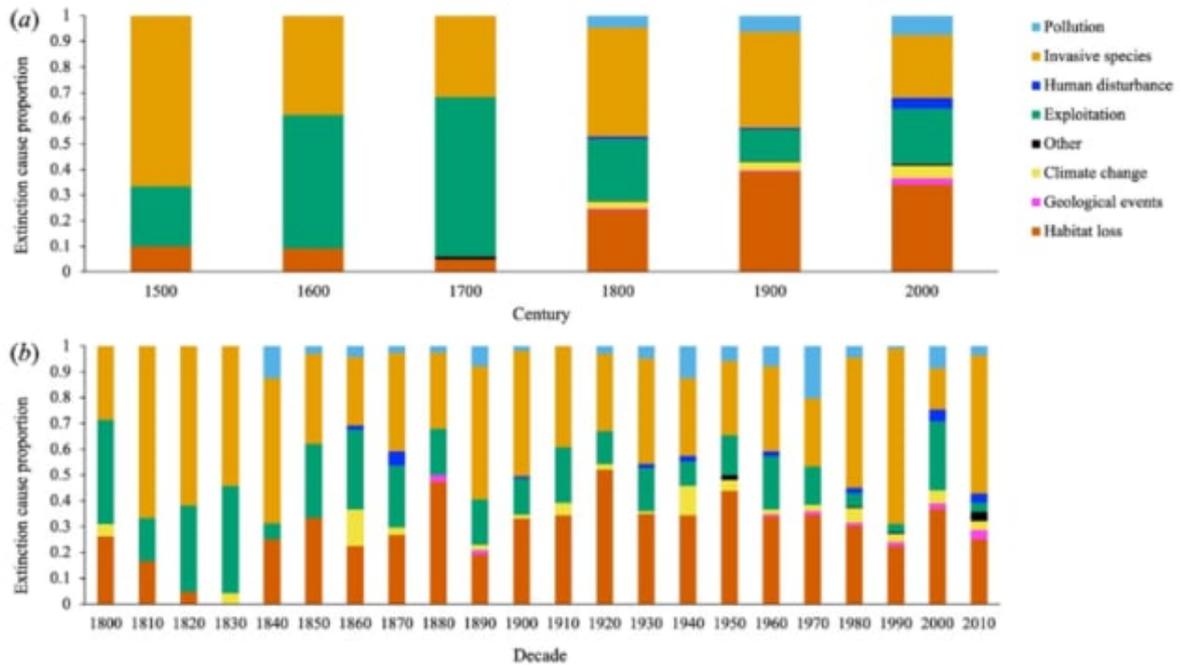
??IUCN????????????????????????500????????????900????????
????????²¹?

Unpacking the extinction crisis: rates, patterns and causes of recent extinctions in plants and

animals

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

????????????????????????????????(a)?1500????100????????????????(b)?1800????10????????
????



?????(a)????

?????1500????????invasive species????????????????????

????1600????1700????????exploitation????????????????

???1800??

??
??

????????????????5?(b)????????climate change????????????????extreme weather????????

????????????????200????????????????????

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

??
?

??

??
??

?1?IUCN??
?????????????????????3?1??????????????

?



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

Posted in ???, ????? | No Comments »

?????????????EU????????????????

?? ?? · Monday, January 26th, 2026

EU

CBAM

WTO

EU WTO CBAM

EU WTO

12 17

EU Temporary Decarbonization Fund CBAM financial support

CBAM EU 25

2026 2027 CBAM 2026 2027 CBAM 2028 2029

2026

EU 2026

2026 2027 2028 EU-ETS

EU-ETS 2028 ETS

EU-ETS CBAM CBAM

2026 ETS



The White House??

????????????????????AI????????????????????

?????????1??
 ???

??

??

??

1????EU????????????????LNG????????????????????????????????????CBA
 M????????????????????????????????LNG????????????????????

??LNG????????????????????
 ??????LNG????????????????????????????????????

2????CO2????????????????CO2????????????????CO2????????????

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

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

???

?????

Davos 2026: Special Address by Donald J Trump, President of the United States of America

??

???

?

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

??????????

- ???
- ???
- ???
- ???
- ???
- ???
- ???
- ???
- ???

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

- 2010??
- ???
- ???
- ???
- ?????2?3????????????????
- ???
- ???
- ???
- ???
- ???

?

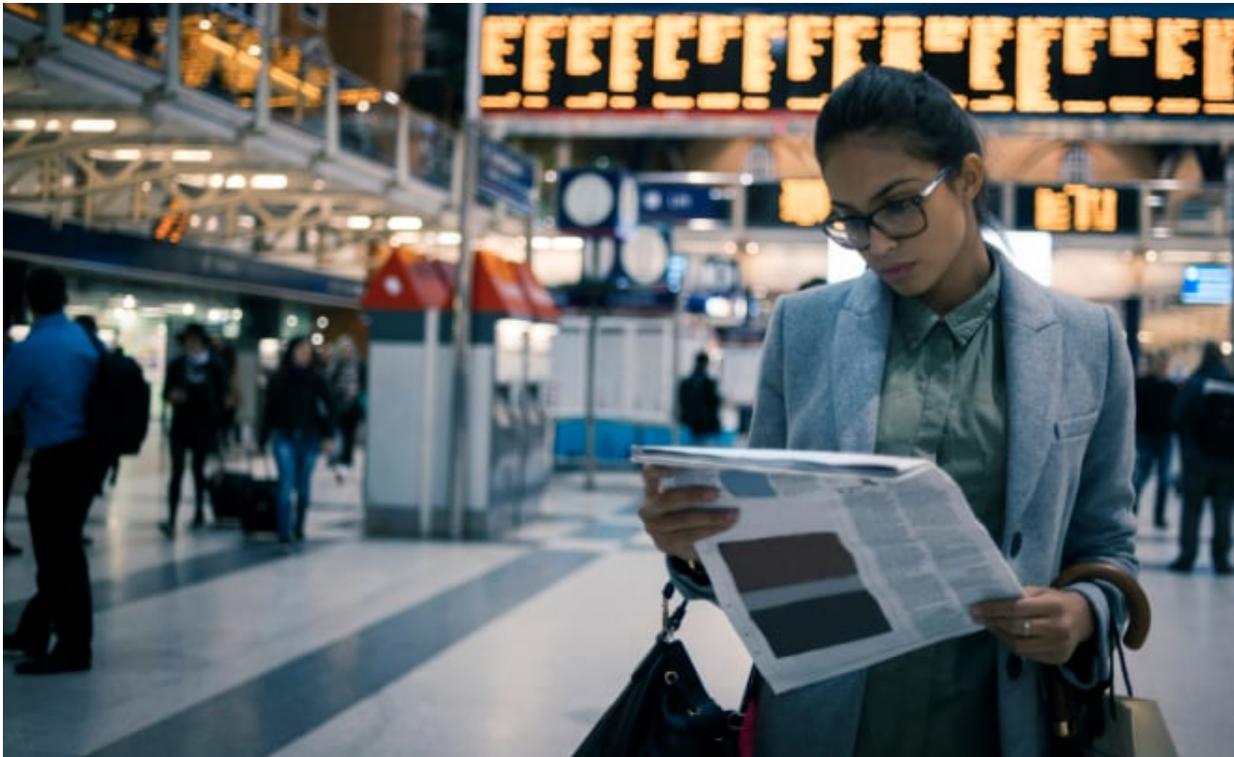


????????????????

Posted in ???, ????? | No Comments »

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

?? ?? · Sunday, January 25th, 2026



DaniloAndjus/iStock

??

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

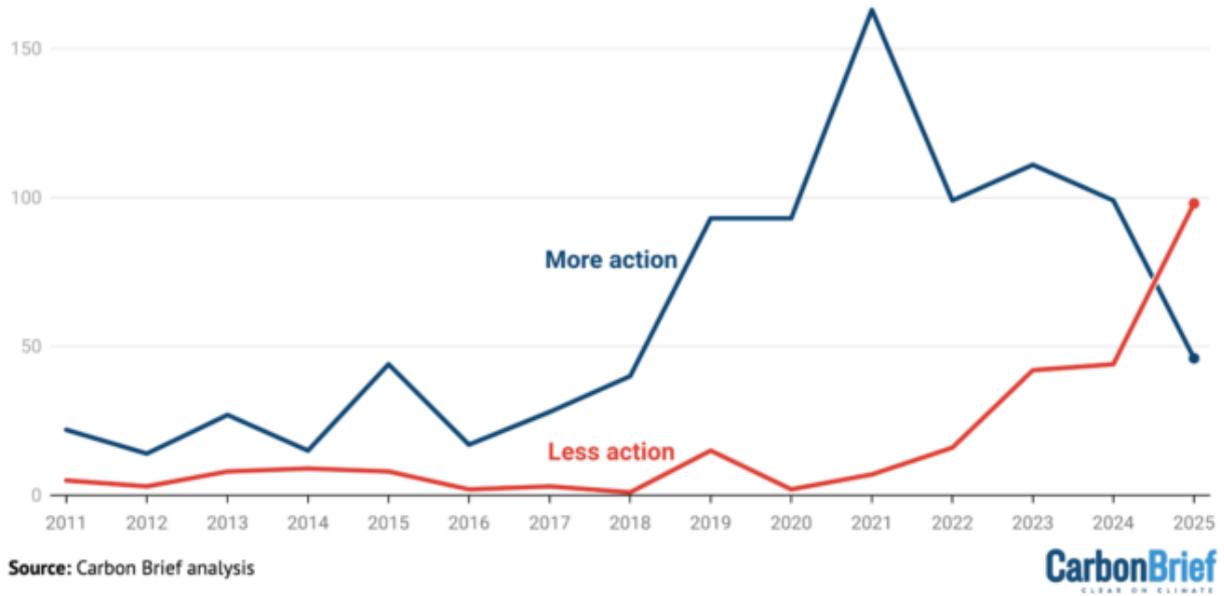
Analysis: UK newspaper editorial opposition to climate action overtakes support for first time



Analysis: UK newspaper editorial opposition to climate action overtakes support for first time

For the first time, there were more UK newspaper editorials opposing climate action than supporting it in 2025

Number of editorials that supported more/less climate action



????????????????????more action???(less action)??????????

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



??

??1??????2019??????????2050??
??????????????????Reform UK????????????????????????????????????(scrap net
zero)??????????

??

??????????????98??
??????????????????

??????????????????46??
??¹²?

????????2021????????????????????????????????2025????????????????????????????????



2025????????????????????81????????????????????????????????????
????????????

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

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

??

??

??

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

1??
????????????????

UK general election national newspaper media endorsements 2024 (with circulation)

Publication	ABC circulation/estimate	Endorsement
Daily Mirror	225,983	Labour
Sunday Mirror	169,966	Labour
Daily Star	127,033	Labour/Count Binface
FT	108,824	Labour
Sunday People	54,150	Labour
The Sun	700,000	Labour
Sunday Times	322,000	Labour
The Guardian	60,000	Labour
Observer	80,000	Labour
Total	1,848,000	Labour
The Sun on Sunday	600,000	Neutral/Don't know
Daily Star Sunday	69,200	Neutral/Don't know
Metro (free)	951,036	Neutral/Don't know
i	124,904	Neutral/Don't know
The Times	180,000	Neutral/Don't know
Total	1,925,000	Neutral/Don't know
Mail on Sunday	580,737	Conservative
Daily Mail	688,783	Conservative
Daily Express	140,499	Conservative
Sunday Express	124,581	Conservative
Daily Telegraph	190,000	Conservative
Sunday Telegraph	125	Conservative
Total	1,850,000	Conservative

[Get the data](#)

?

????????????????????????????????
??????X??

??

????????????ICBM??SLBM??
??

Closing the Arctic Gaps: NATO Allies and Partners Can Protect Their Homelands by Updating Their Defense Force Postures

??
??????GIUK??

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

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

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

Greenland, Rare Earths, and Arctic Security

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

??
??

????????????9??
??
??

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

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

President Trump’s Climate Moonshot

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

??
??
??



The White House??

2026??

??1?6????????????????66??

66????????35????31??IPCC????????????IRE
NA????????IEF????????UNFCCC????????

??

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

????????????????????????????????COP????????????COP30????????COP?????
????????????????????????

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

??IMO????????????????
??

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

????1992??

??
INF??

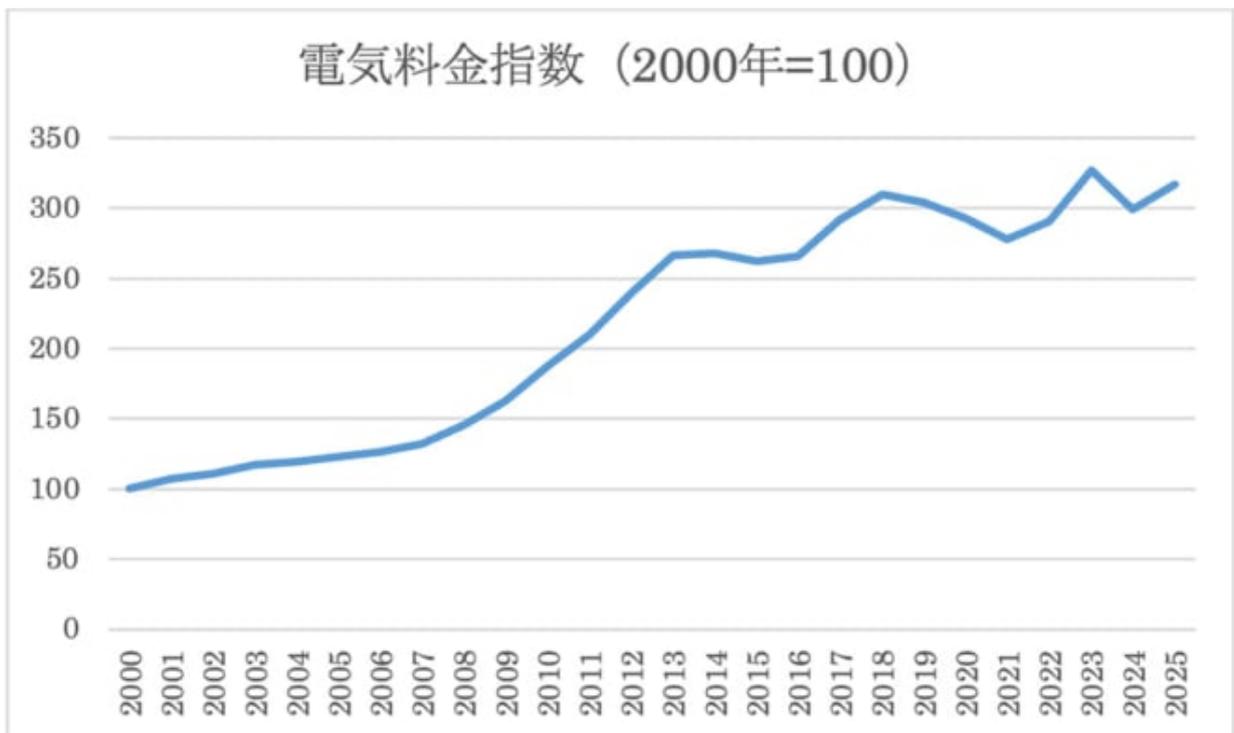


da-kuk/iStock

??

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

?1????????ABS????????????CPI????????????2000??100????????????????????2000????????????????????????



????????

????????????????????????????????NSW????????????????????????????2????????500????????????????????????2,



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

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

2028??

?? ?? · Thursday, January 22nd, 2026



kazuma seki/iStock

???2028??10????????????????????????????????????

2028????????????????????

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

????2027????????????????????2024?12????????????????????????????????????
????2027????????????????????2023?11????????????????

??

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

??

??
??

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

??

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

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

??CFL????????????????LED????
??

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

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

??

??

??

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

????2027??
????????????????????????????

?



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

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

??

?? ?? · Thursday, January 22nd, 2026



Sophonawit Inkaew/iStock



stocksnapper/iStock

??2027????????????????????????????
??

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

??
?????LED??²¹????????????????

?????LED??

?



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

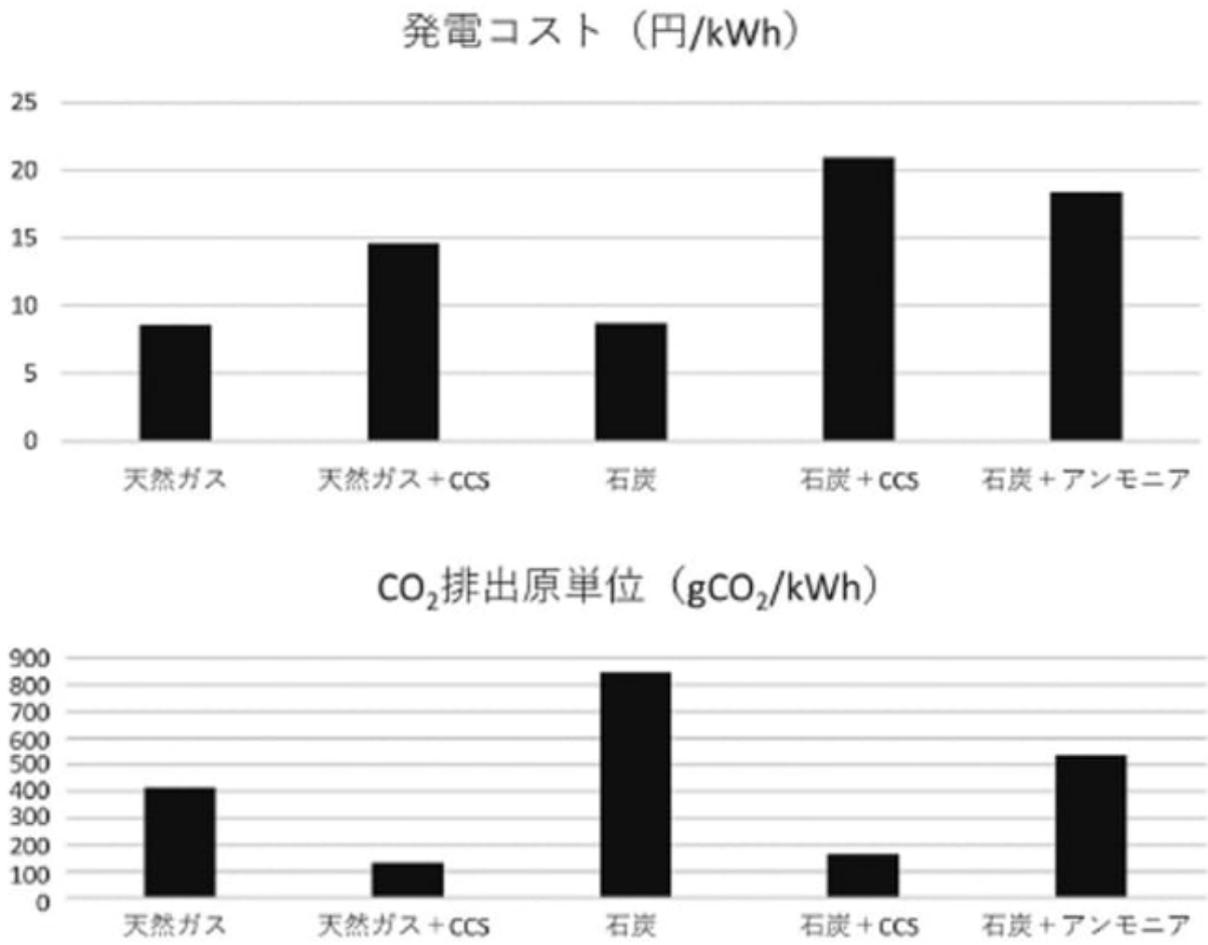
Posted in ??????????, ??? | No Comments »

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

?? ?? · Monday, January 19th, 2026

1kWh?????1kW????????????1????????????????????????1kW?????????1????????????????????????
????????????????????9???????????

図表 37 化石燃料由来の発電コスト及び CO₂ 排出原単位の試算



〈出典〉電力中央研究所報告¹⁶⁴を基に筆者作成

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

??

??
??
??

??

??
??

??

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

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

??????????4????????????????

?? ?? · Saturday, January 17th, 2026



Rawpixel/iStock

????????????2026????27??
??????????

??AI????????????????????

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

??????????EU??????????????EU??2005????????????????????????????20??????????

????EU??????????????????????EU????????????????????????????????????

??

????????????????????...????????????????????????????

??

??2022??????????????EU??????

2023年NEDO

???

2022年2024年NEDO

2024年1.4

	2022年度 (令和4年度)	2023年度 (令和5年度)	2024年度 (令和6年度)
損益計算書上の費用合計	4,053	8,716	14,631

3年NEDO

5年NEDO

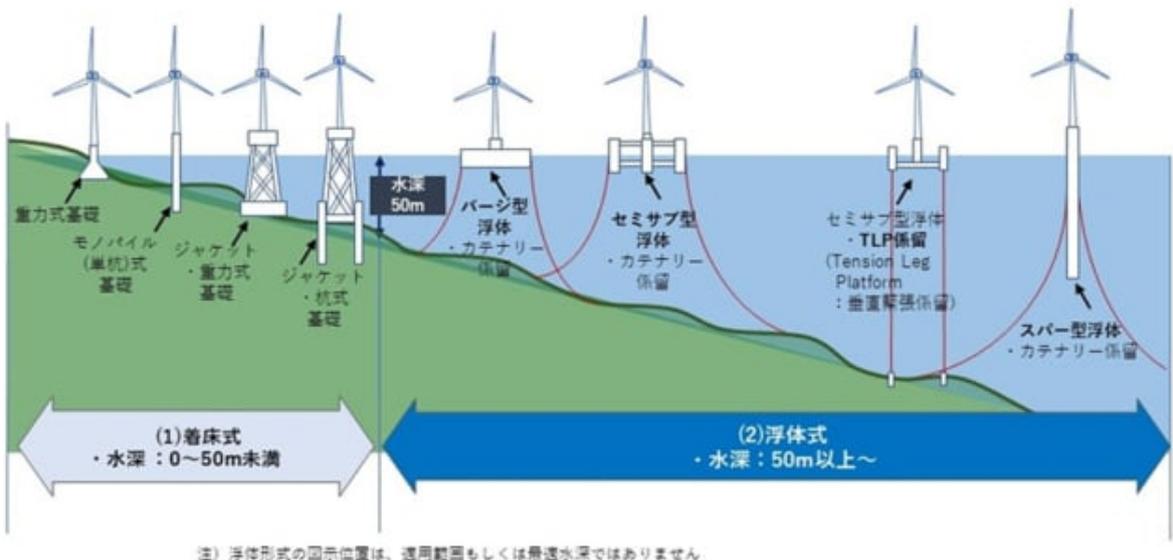
NEDO

????

2012年2022年

????

2MW?5MW?7MW



NEDO????????2040?????1.4GW?2050????7.7GW????????????????????

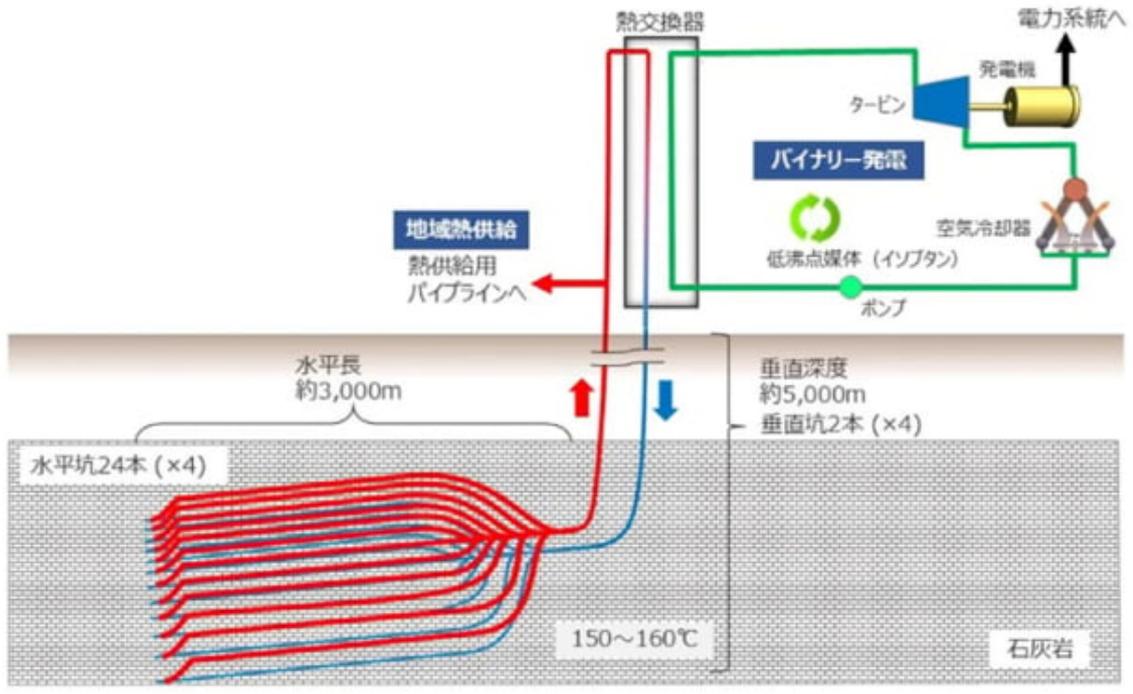
????????????????????????????????????P.23

??1,000?3,000m????????????????????
????5,000m??

2025????????????????????????????????1?????50MW????????1????????????????1????????10????????????????
??
??????????????

????????????????????????????5,000m????????????????????????????1????????????????????????????????
??
??

??1??2????????????????
??
????????????????????????????????????



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

????2??
??

??7MW????????????????
????????????????????????????????

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

??
??

??

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

AI??

?? ?? · Thursday, January 15th, 2026



trekandshoot/iStock

????????????????AI????????????????????

??2030????????????1,500kW????????????????????1?????????????????????

¹²??
?????????

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



??

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

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

??
?

??
??

??^{24?}

??
??

??
????????????????????????^{25?}

????????AI??2011????????????

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

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

?

?1??

?2?https://www.jaif.or.jp/journal/feature/itsociety/data_center/binge/

?3??

?4??
????????????????????????????????

?5??

?



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

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

??

?? ??? ?? · Wednesday, January 14th, 2026



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

Alexander Shelegov/iStock

1?3???6?????????Steglitz?Zehlendorf?Lichterfelde?Wannsee????????????45,000????2,300
??

??????Lichterfelde??
??

??24?3????????????????????????????????1??
??????10??

????????????????...????????????????????????????????EV????????

<https://president.jp/articles/-/79918>

??2026????????????????????????????????
??
????????????????????

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

????????????2011????????????11????????????????????????????????????9??60????
????????????

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

??9????????????????????????????????0????????????????????????????????
??????5??8????????????????7????????

??PC??EV????????
????????????????????

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

3??????YouTube??
????????????????

????????????????????????????????3??6????????8??1????????
????????????????1????????????????????
?X????????

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

????????????????web????????????????????????????6??TE?Tichys
Einblick????????

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

????????????Lichterfelde??2019?????
?30?kW????60?kW????11??
????????????????????????????????????

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

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

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

????????????????????70??
?

????????????????????????????????????1????????????2????30?40????????????????

??0????????????????????

?????11??
??

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

????????????????????1????????????????????????????

7??13??
??

????????????????????????AfD????????????????????????????????????AfD????????
????????????????????

??
???????

??note????????????????????????
?

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

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

?? ?? · Wednesday, January 14th, 2026

??
oWatch???????

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

?



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

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

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

?? ?? · Monday, January 12th, 2026



Anass Bachar/iStock

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

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

????2050?CO2????????????2013????????2030?46%?35?60%?40?73%????CO2????????

??

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

??

??

??

????????????????????????????????????65%????????????????1kWh????10????????1????
????????????80%????????????????????????????????20%????????????????
????????????????????????????????????

????????????100kW????????????569????????????114????????????114??
????????????????

??=????????????

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

順位	都道府県	市(町村)	運転中出力 (万kW)	発電所名	市県収入 (億円)	仮想的な収入 (億円)	仮想的な収入+市税
1	北海道	厚真町	165.0	苫原厚真発電所	16.3	187.9	1155.2%
2	長崎県	松浦市	370.0	九州電力 松浦発電所、松浦発電所 電源開発	45.3	421.4	929.7%
3	沖縄県	国頭村	44.0	金武発電所	6.5	50.1	771.0%
4	福島県	広野町	174.3	広野発電所	37.6	198.5	527.4%
5	福島県	相馬市	211.2	新地発電所、相馬石炭・バイオマス発電所	53.4	240.5	450.2%
6	広島県	竹原市	130.0	竹原発電所	51.4	148.0	287.9%
7	秋田県	能代市	180.0	能代発電所	77.5	205.0	264.4%
8	愛知県	碧南市	410.0	碧南発電所	176.9	486.9	264.0%
9	茨城県	東海村	265.0	常陸那珂貝岡火力発電所、常陸那珂発電所	116.1	301.8	260.0%
10	徳島県	阿南市	280.0	横濱発電所、横濱発電所 電源開発	134.7	318.9	236.7%
11	鳥取県	浜田市	200.0	三隅発電所	97.9	227.8	232.7%
12	福島県	南相馬市	200.0	原町発電所	99.2	227.8	229.6%
13	熊本県	天草市	140.0	苇北発電所	77.8	159.4	205.0%
14	京都府	舞鶴市	180.0	舞鶴発電所	115.9	205.0	176.9%
15	石川県	七尾市	120.0	七尾大田発電所	79.9	136.7	171.1%
16	広島県	大崎上島町	16.6	大崎クールジェン	12.3	18.9	154.0%
17	北海道	砂川市	25.0	砂川発電所	21.0	28.5	135.8%
18	茨城県	鹿嶋市	116.7	日本製鉄 鹿島製鐵所、鹿島パワー	116.9	132.9	113.7%
19	山口県	山陽小野田市	100.0	新小野田発電所	103.2	113.9	110.4%
20	福井県	敦賀市	120.0	敦賀発電所	132.8	136.7	102.9%
21	愛知県	知多市	136.0	中山名古屋発電所、名古屋共同エネルギー、武豊発電所	153.4	154.9	101.0%
22	愛媛県	西条市	100.0	住友共同電力 壬生川発電所、西条発電所	163.3	113.9	69.7%
23	山口県	周南市	144.7	徳山製造所 中央発電所、徳山製造所 東発電所、東ソー 南陽事業所第2発電所	277.4	164.8	59.4%
24	山形県	酒田市	70.0	酒田共同火力	135.3	79.7	58.9%
25	沖縄県	うるま市	62.4	真志川発電所、石川発電所	136.0	71.1	52.2%
26	高知県	須崎市	12.2	住友大阪セメント 高知工場	27.0	13.9	51.4%
27	福島県	いわき市	202.0	クレハいわき事業所、勿来発電所	518.5	230.0	44.4%
28	富山県	射水市	50.0	富山新港発電所	153.8	56.9	37.0%
29	岩手県	釜石市	14.9	日本製鉄 釜石製鐵所	46.5	17.0	36.5%
30	広島県	大竹市	16.2	ダイセル 大竹工場、三菱ケミカル 広島事業所	52.4	18.4	35.1%
31	兵庫県	高砂市	50.0	高砂発電所	166.2	56.9	34.2%
32	愛媛県	西国中央市	43.0	三島工場バイオマス発電所、丸住製紙株式会社	164.6	49.0	29.7%
33	広島県	海田町	11.2	海田発電所	49.3	12.8	25.8%
34	神奈川県	横須賀市	130.0	横須賀発電所	592.7	148.0	25.0%
35	新潟県	糸魚川市	14.9	糸魚川発電所	76.3	17.0	22.2%
36	山口県	美祿町	5.7	宇部興産 伊佐セメント工場	36.5	6.5	17.8%
37	宮城県	岩沼市	11.1	岩沼工場	73.6	12.6	17.1%
38	山口県	宇部市	36.1	ユービーイーパワーセンター発電所、宇部興産発電所	244.5	41.1	16.8%
39	愛媛県	新居浜市	30.0	住友共同電力 新居浜西発電所	205.8	34.2	16.6%
40	山口県	光市	10.6	日鉄ステンレス 山口製造所 先エリア	83.0	12.1	14.5%
41	兵庫県	赤穂市	10.3	住友大阪セメント 赤穂工場	82.6	11.7	14.1%
42	北海道	釧路市	25.7	日本製鉄 釧路工場、釧路火力発電所	212.1	29.3	13.8%
43	福岡県	大牟田市	17.5	三池火力発電所	146.1	19.9	13.6%
44	福岡県	苅田町	11.5	三菱マテリアル 九州工場	97.9	13.1	13.4%
45	北海道	室蘭市	14.5	日本製鉄 室蘭製鐵所	135.0	16.5	12.2%
46	北海道	北斗市	4.8	太平洋セメント 上磯工場	54.2	5.4	10.0%
47	福井県	あわら市	3.8	レンゴー 金津工場	44.6	4.3	9.6%
48	兵庫県	神戸市	270.0	神戸発電所	3211.2	307.5	9.6%
49	山口県	防府市	14.8	防府バイオマス・石炭混焼発電所、防府第二パワーステーション	176.2	16.9	9.6%
50	宮崎県	延岡市	11.0	旭化成エヌエスエネルギー 延岡発電所	159.4	12.5	7.9%
51	埼玉県	日高市	5.0	太平洋セメント 埼玉工場	84.0	5.6	6.7%
52	茨城県	神栖町	11.2	かみずパワー	218.2	12.8	5.8%
53	宮城県	石巻市	9.8	日本製紙株式会社	195.0	11.2	5.7%
54	愛知県	東海市	14.9	東海共同発電	305.8	17.0	5.5%
55	熊本県	八代市	7.5	日本製鉄 八代工場	161.8	8.5	5.2%
56	大分県	大分市	33.0	日本製鉄 九州製鐵所	820.9	37.6	4.6%
57	兵庫県	姫路市	29.8	日本製鉄 広畑製鐵所	1001.8	33.9	3.4%
58	福岡県	北九州市	52.7	ひびき製・バイオマス発電所、戸畑発電所	1810.8	60.0	3.2%
59	山口県	岩国市	3.5	日本製鉄 岩国工場	186.1	4.0	2.1%
60	神奈川県	横浜市	120.0	磯子発電所	8863.0	136.7	1.5%
61	岡山県	倉敷市	11.2	水島MC発電所	868.6	12.8	1.5%
62	宮城県	仙台市	11.2	仙台パワーステーション	2293.0	12.8	0.6%
63	三重県	四日市市	3.4	MC塩浜エネルギーサービス	738.7	3.9	0.5%
64	広島県	広島市	4.3	MOM本社エネルギーセンター	2467.2	4.9	0.2%

????????????????????????????????100??21????????????????????????
 ?????????????????100%??
 ?????????????????46????????????????????????????????????10%??
 ?????
 ???
 CO2??
 CO2??
 ???
 ???CCS??
 ?????????????
 ???
 ???

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

?



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

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

?????????EU????????????????

?? ?? · Monday, January 12th, 2026



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

??

?? ?? · Sunday, January 11th, 2026



allanswart/iStock

??AI????????????????

??

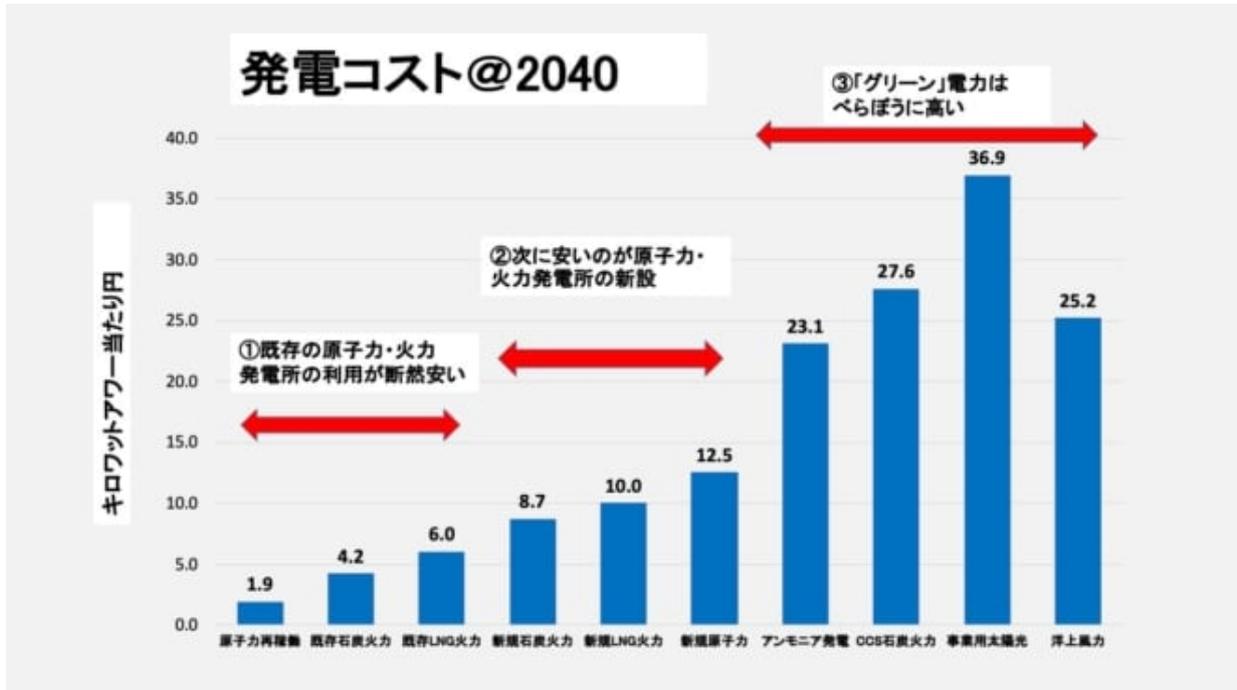
????2013????????2050??CO2????????????????2040????????73%?CO2????????????????????????????????

????????????????????CO2????????????????????¹²?

????2040??—??15??—????????????????????????????????

??

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



?1?2040????????????????
 ??????????????????????

??
 ???
 ?????1.9??4.2??6.0?????

?????????1kWh?????????1kWh?????1kW?1?????????????????1kW?????????1?????????????1kWh????

??
 ??????????????????????2040??

??
 ???

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

CCS????????????CO2??
 ?????????3??27.6??????????

??
 ???23.1??
 ??

??
 ???

?????25.2??
 ?????????

????????????????CCS??
??2025????????????????????
????????????????

??
????????????20??

????????20??9000?kWh????????2040???1?kWh????????1kWh??
20????????????20??????

20????????????????????????????????

??

????????????4????????????????²²⁾??

??
??

??

?

1????????????????????????????????????73????????????????????CO2????????????????

????????2023???3.1???2024?1?5???6,416???2024?8?10???2,124? ???????5????????????????

?



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

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

??

?? ?? · Sunday, January 11th, 2026



MR1805/iStock

????

?????7??2025??
???

Offshore wind turbines steal each other’s wind: yields greatly overestimated – Clintel

1. ???

??2025??
???

???????

??
??
??

??
??

2. ???

??
??

??

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

????????????????51?56%????????37%????????????30?40%????????

????????????????5????????

??

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

????????????EEZ???

??

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

??

??

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

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

- ???
 - ???
 - ?????????????????????
- ??

??

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

??

??

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



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

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

??

?? ?? · Friday, January 9th, 2026



mesh cube/iStock

2023???24??

????????????????????????????1????????????????????

????????????1????????????

2023??24????????2022?1??
????????????????????????????????

????????????????????????5????????????????????????????????????

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

??
???????

?



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

Posted in ???, ????? | No Comments »

EU????????????????

?? ?? · Friday, January 9th, 2026

- HEV????????CO2????????2035????????????
- e-fuel????????????????????????????????????
- ?????????????????????????????????????

??
?

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

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

?? ?? · Thursday, January 8th, 2026



Halyna Romaniv/iStock

????2026????????GX-ETS????????

2026????????????????????????????

????CO2????????GX-
ETS?4????????CO2????????????????????????????????????
??
????????????????????

??????GX-ETS????????????????

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



????2026????GX-ETS????????????GX-ETS????????CBAM????????CBAM????????EU????????4%??1%????0%????0%??????1%??0%????????EU????7%????9%??GX-ETS????400????EU????10%????????

??CBAM?COP30????????CBAM????????



????????????????
???
????????????GX-ETS????????????????
???
????????????CBAM????????
???
????????????CBAM????????

????????????????CO2????????????????GX-ETS????????

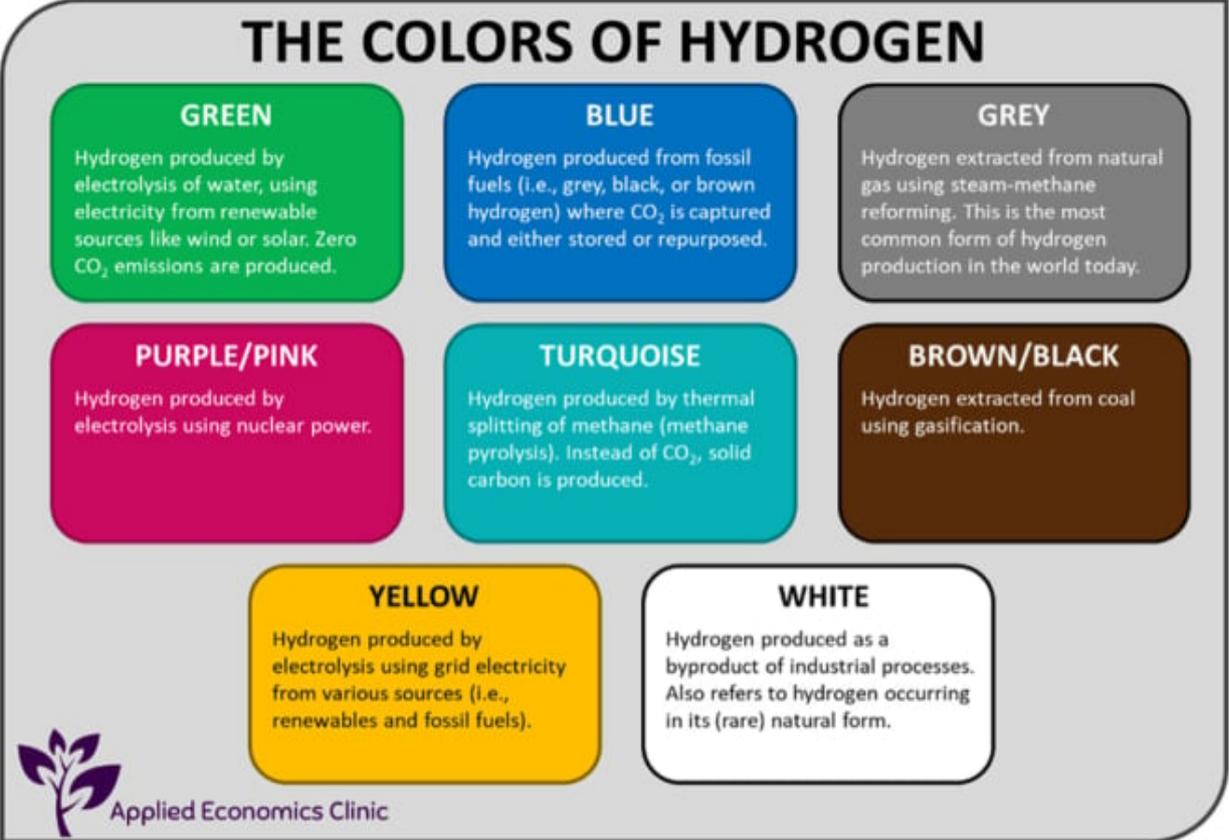
?

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

Hamburg rechnet Klimabilanz mit Öfen in Afrika schön, die es nie gegeben hat



????????????
2025?12?24?
????????????Atmosfair
????????????2018??2020????100????
????75,000??CO????
???
????????????



??

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

??

????????????????????CO??

??

??CAPEX????????OPEX????????????????????????????????

??

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

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

????????8700????????????????

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

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

??????VLS???

4????????????????????????????

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

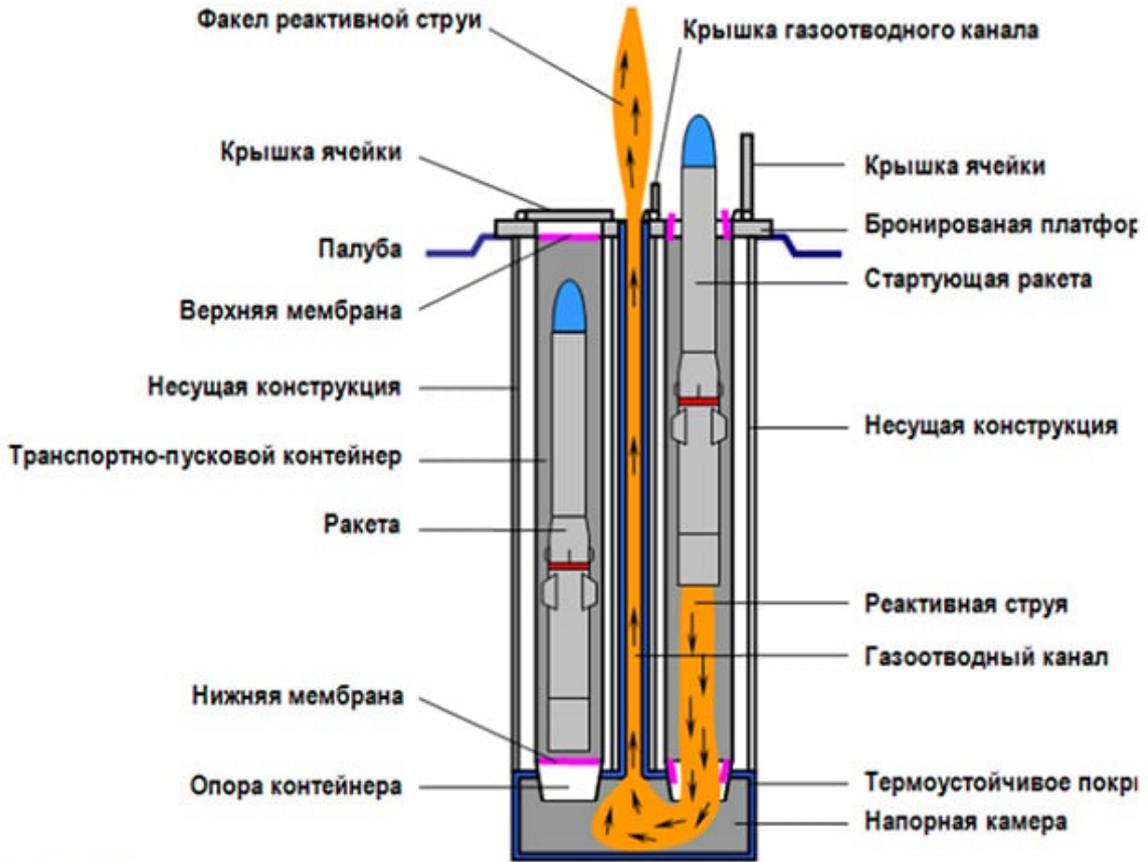
??????????????SLBM?VLS? ?????????????????

VLS????????????????????360°????????????



????VLS??????Mk41?

©Wikipedia



AdmiralHood, vladfotki.narod.ru

Mk41?????????????
©Wikipedia

??

??
???

??30????????????????????????????????QOL????????????
??3????????????????????

1960????????????USS??84?19????????

????????????????????????USS????????2014?1??6????????140????????????

2025????????????????CSIS????????????????3????????1??2????????????????
??

Lights Out? Wargaming a Chinese Blockade of Taiwan

??
??

??
??

CSIS??LNG?
????10??12????????40??45????????????146????????????????????????????????????
??

??
??LNG????????
????????????????????

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

??LNG????2????????????????LNG????????
??

??

??
??

?

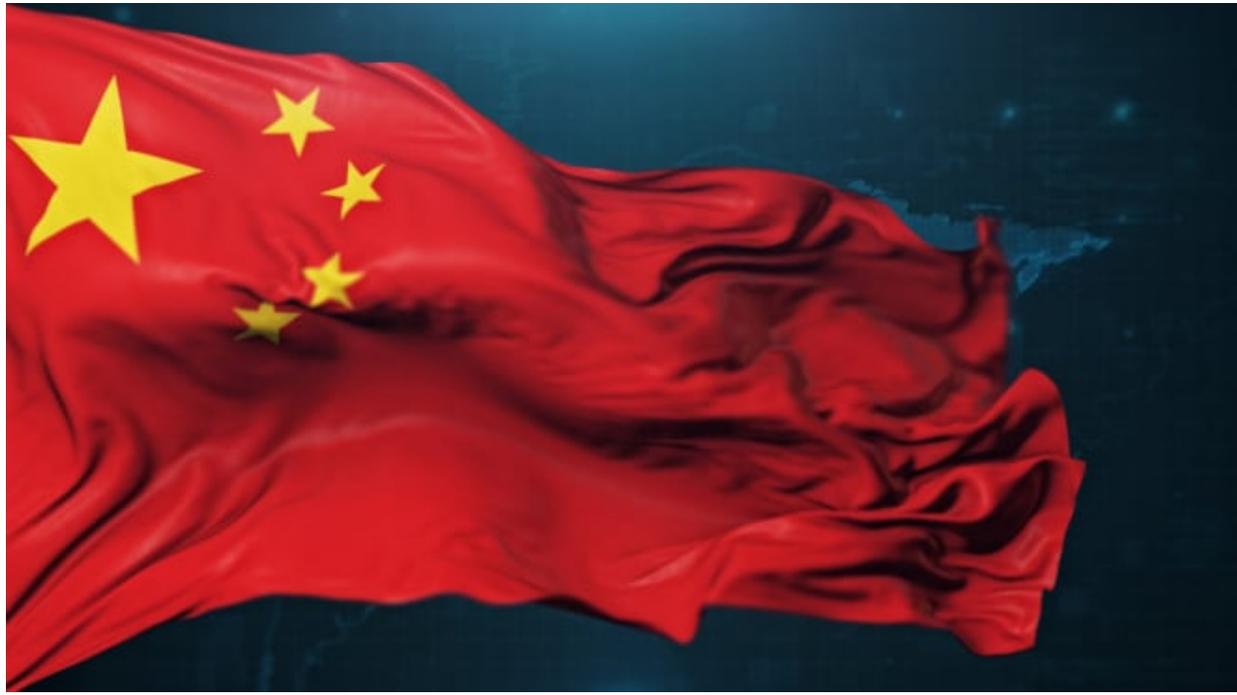


????????????????????????????

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

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

?? ? · Wednesday, December 24th, 2025



da-kuk/iStock

COP30??CCS????????????????????
??

??

????????????????????????????NGO????????????????????NGO????????????????????????????????????
??EU??
????????????????????????????

??
??Breakthrough Institute ?”Greenwashing with Chinese
Characteristics” ???

- ?????????????????????????IRA??
??IRA??
??
??green
entente??
- ???EV????????????????????????????????????
??
??EV????????????????
??

