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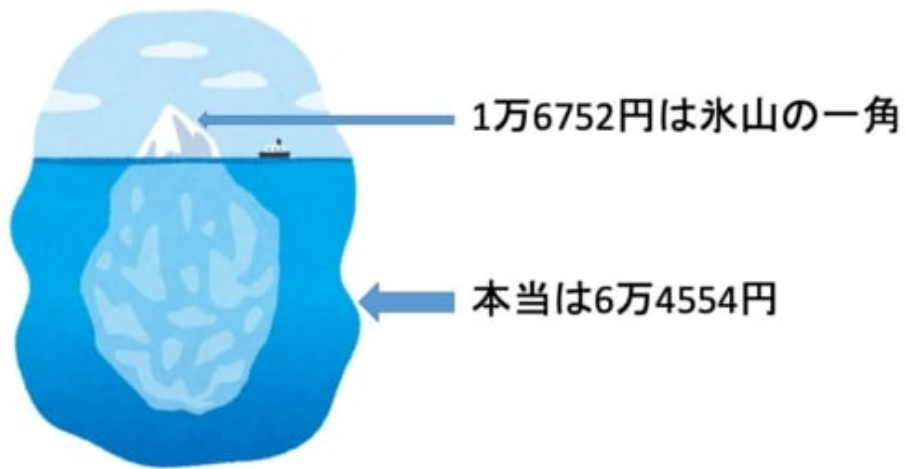
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Posted in ??????????, ??? | No Comments »

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?? ?? · Friday, March 22nd, 2024



Cristian Storto Fotografia/iStock

2024??3?18??J-
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REDD+



REDD+

REDD+



REDD+ “”

REDD+

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UK ETS

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REDD+ J-

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

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?? ?? · Wednesday, March 20th, 2024



Jay_Zynism/iStock

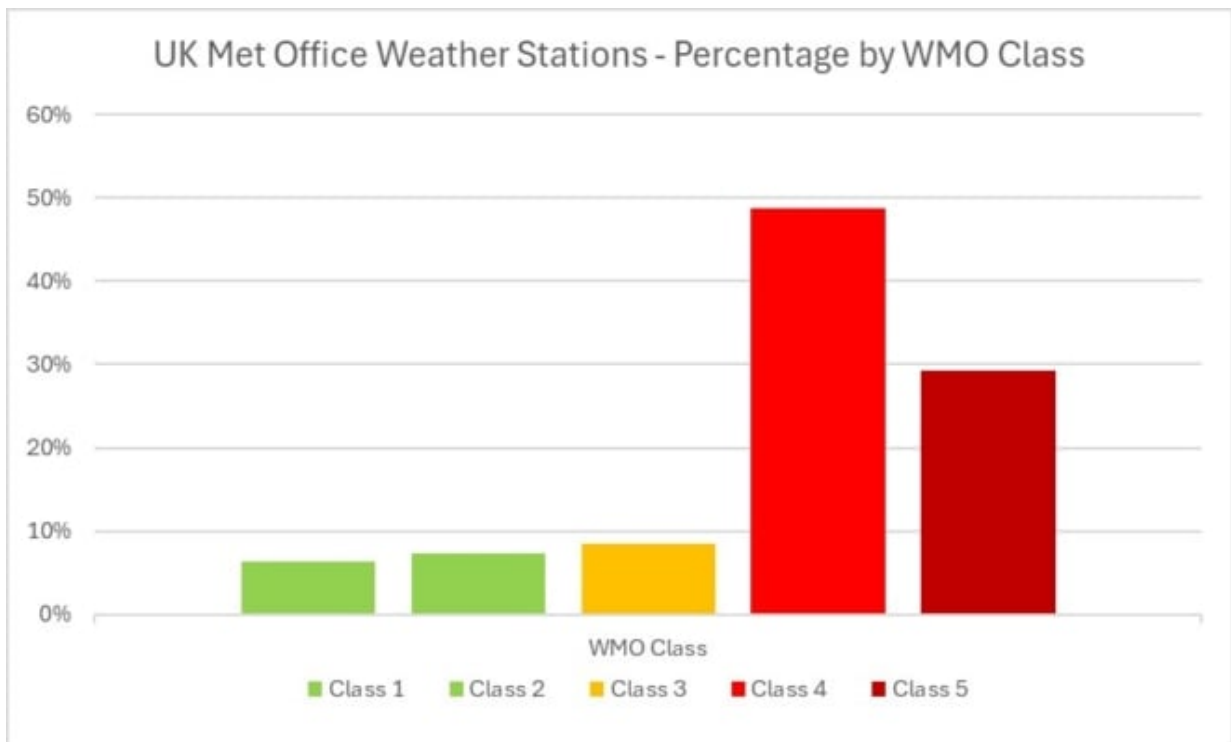
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Google

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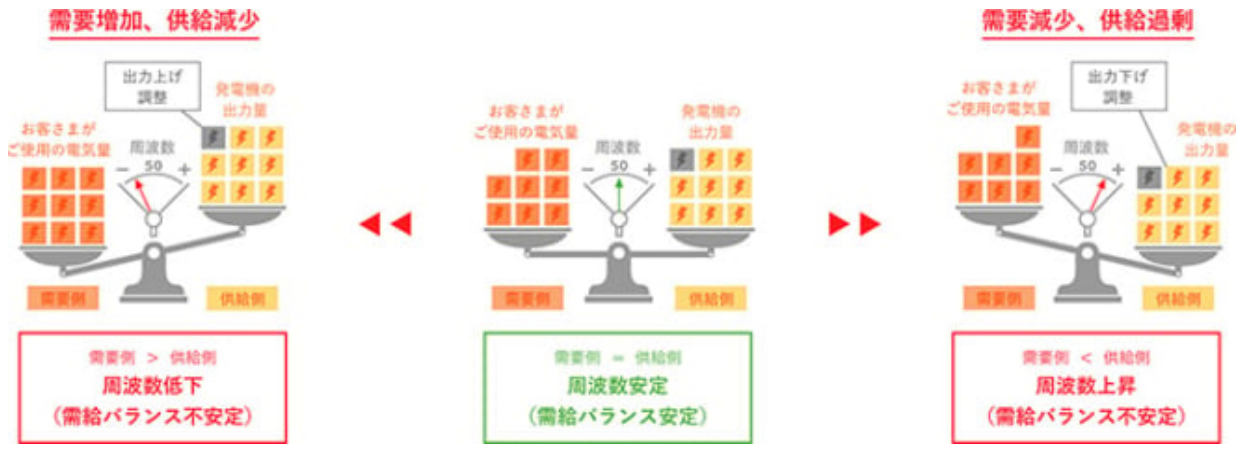
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東地域の系統整備の費用便益評価（B/C）について【暫定版】

● 東地域の系統整備の現在の費用便益の評価について、割引率・燃料価格・アデカシー便益及び工事費に幅をもって評価した結果、**B/Cは0.63～1.72程度**になる見込み。

<費用便益評価の結果（HVDC:2GW）>

上段は評価期間の累積（時点換算を考慮）
[]は評価期間における年平均

		評価期間	
		25年間	40年間
便益 (B)	燃料費・CO2対策コスト	15,292～29,781億円 [612～1,191億円/年]	20,058～45,581億円 [501～1,140億円/年]
	アデカシー便益	1,455～4,833億円 [58～193億円/年]	1,856～7,284億円 [46～182億円/年]
	送電ロス	▲625～▲970億円 [▲25～▲39億円/年]	▲789～▲1,430億円 [▲20～▲36億円/年]
費用 (C)	工事費・年経費	22,038～28,886億円 [882～988億円/年]	24,107～34,831億円 [705～873億円/年]
B/C		0.63～1.36	0.75～1.72

【検討条件】
 ○増強前 : 中地域交流ループ、中部関西間増強考慮
 ○燃料価格 : 基準～高騰ケース
 ○アデカシー : 停電コストベース（上限～下限）、調達コストベース
 ○割引率 : 割引率4%の評価に加えて、2%、1%も考慮

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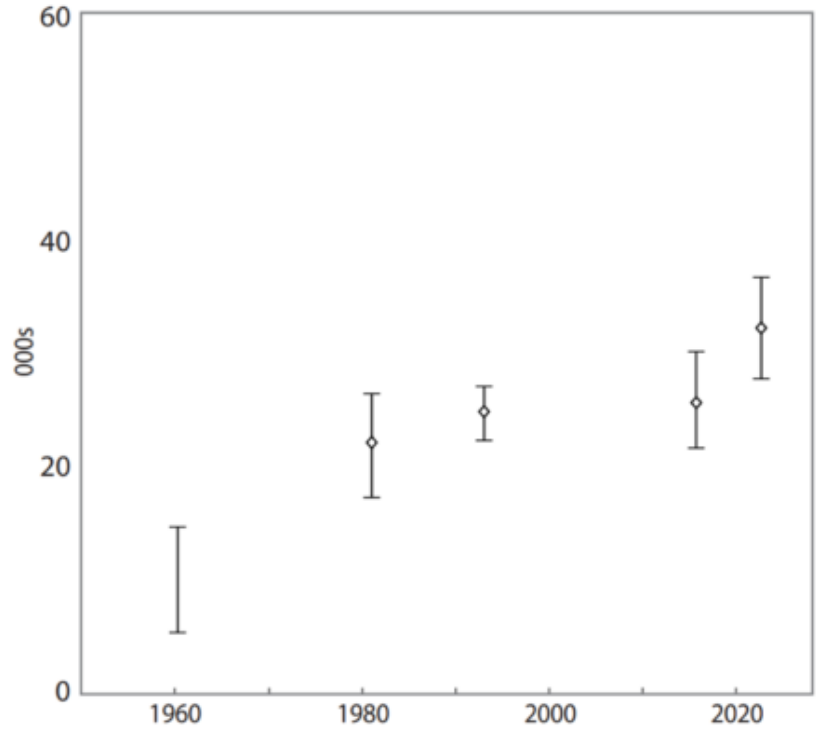
?? ?? · Tuesday, March 19th, 2024



JohnPitcher/iStock

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Figure 1: Estimates of the global polar bear population, 1960 to date.



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Posted in ???, ????? | No Comments »

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?? ?? · Monday, March 18th, 2024



Niklas Flindt/iStock

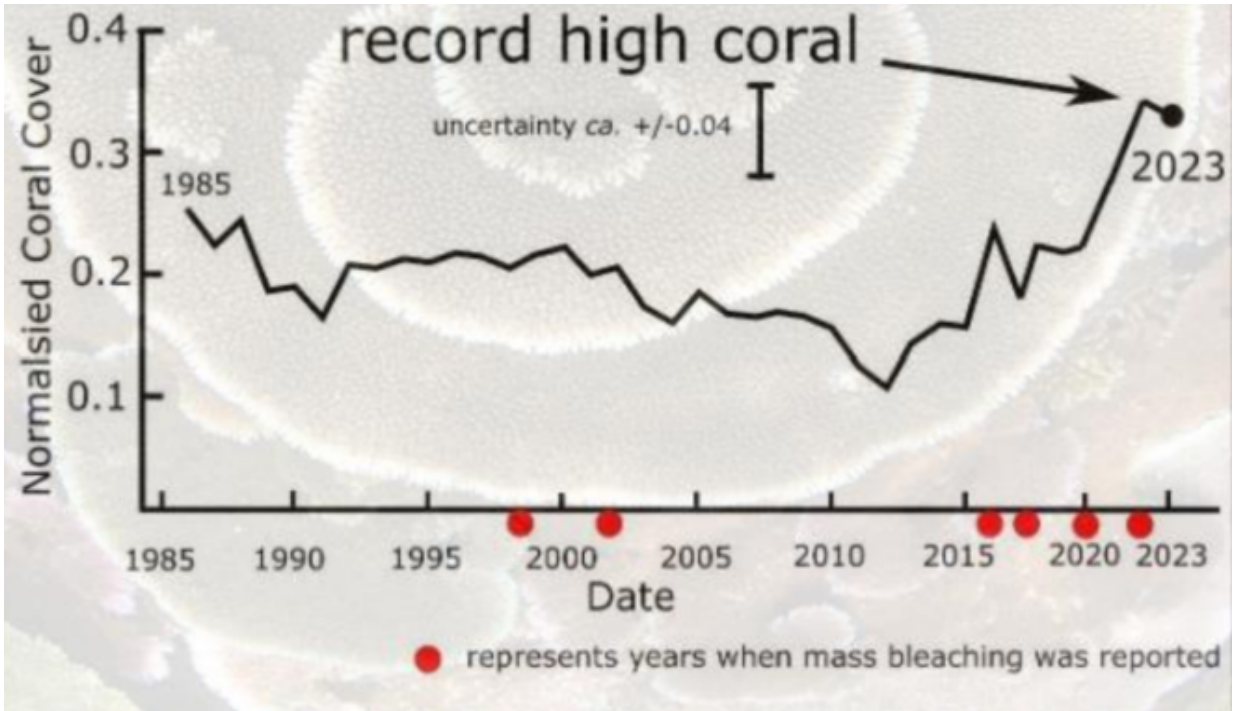
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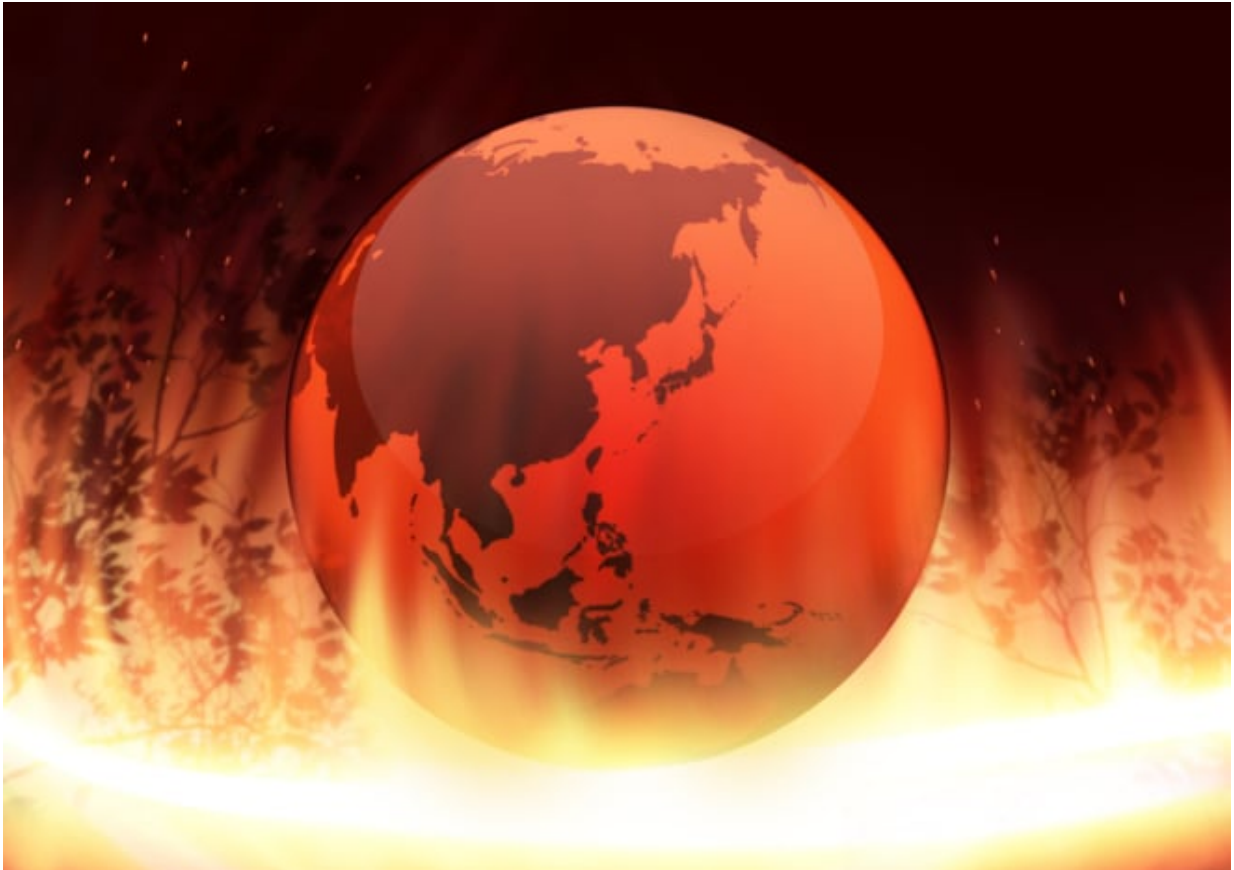
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Posted in ???, ????? | No Comments »

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?? ?? · Tuesday, March 12th, 2024



Tr6/iStock

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pic.twitter.com/Jriq7emhUT

— Kenji Shiraishi (@Knjshiraishi) March 8, 2024

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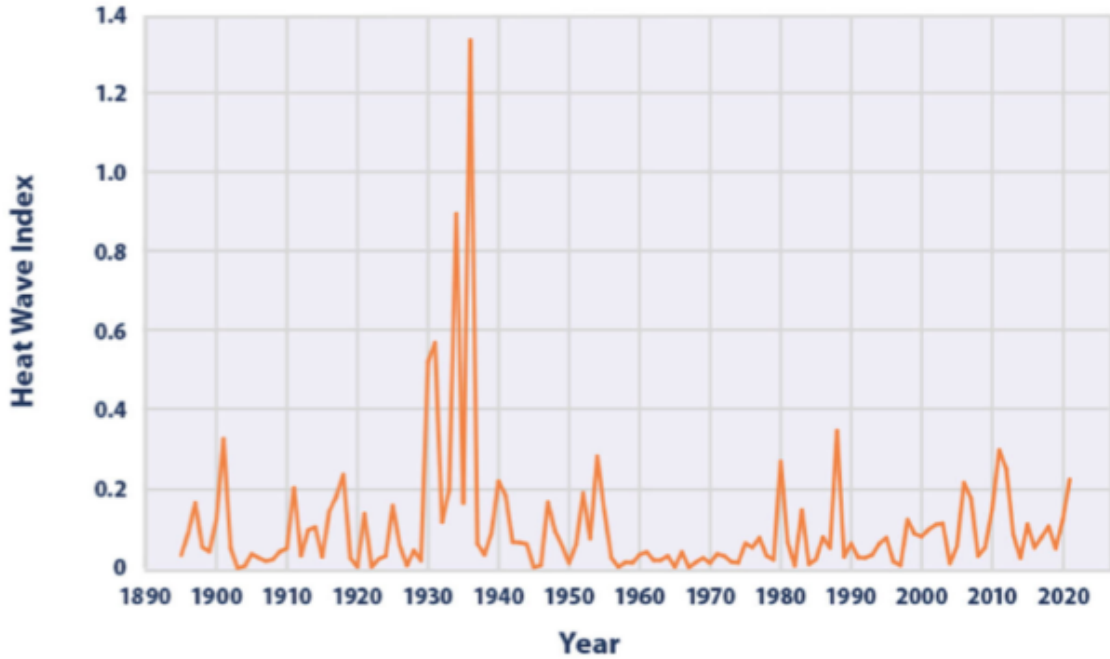
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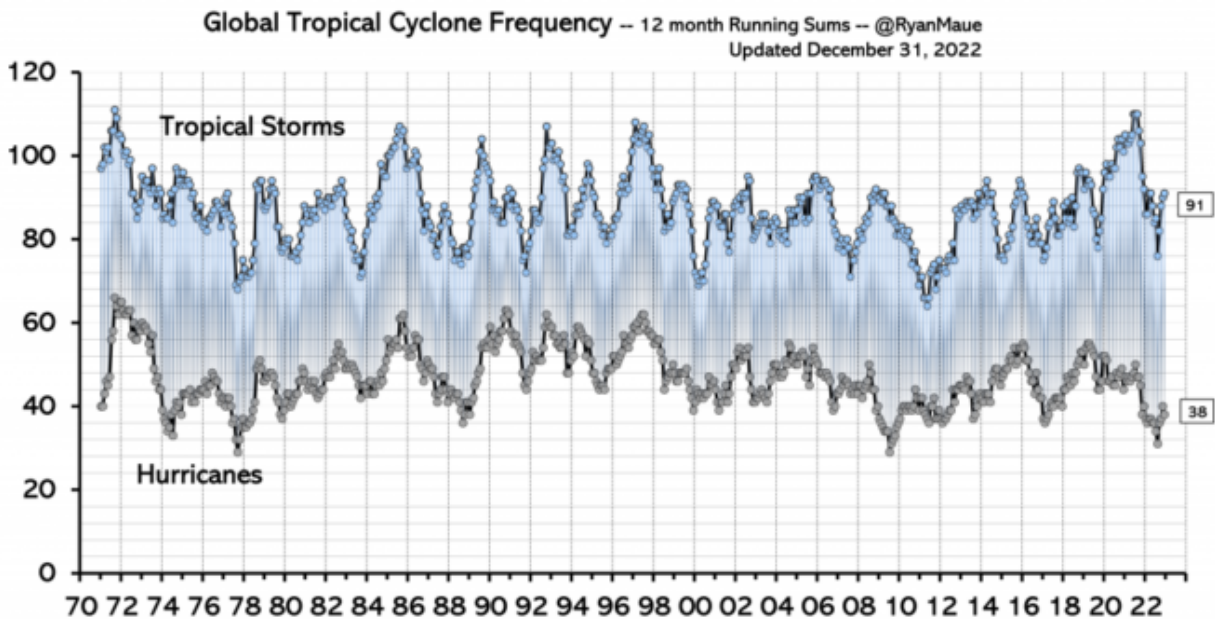
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?? ?? · Monday, March 11th, 2024



gorodenkoff/iStock

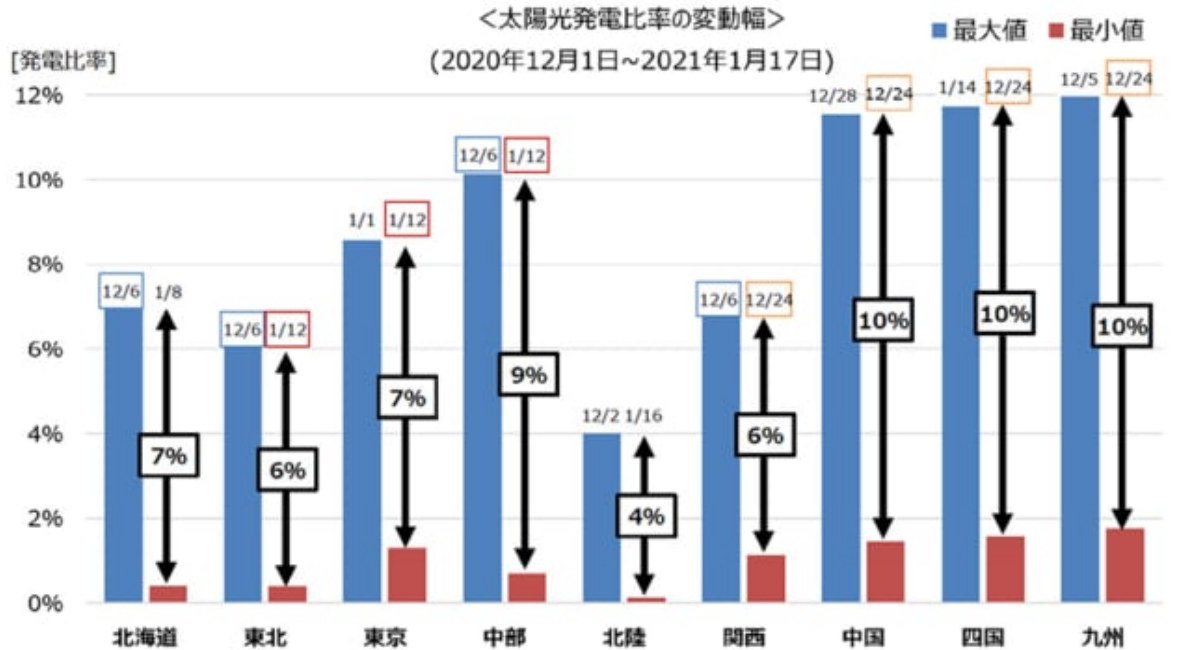
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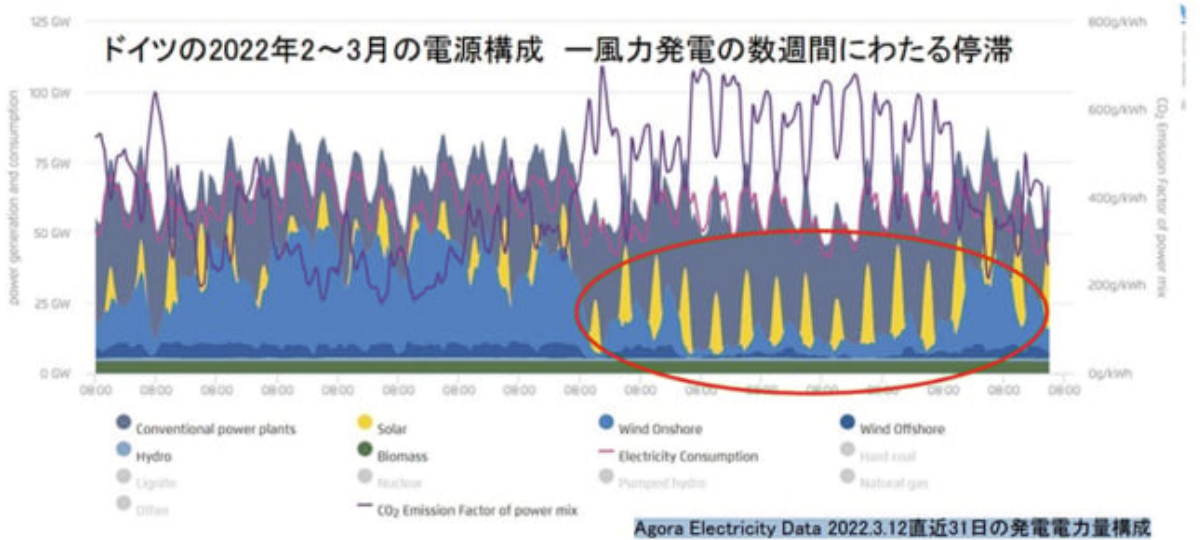
【参考】太陽光発電比率の変動幅（2020年12月1日～2021年1月17日）

- 2020年12月1日～2021年1月17日の期間において、発電量全体に占める太陽光の発電量比率の変動幅（最大値と最小値の差）は、各エリアの総発電量の約4%～約10%分となっている。



※事業者ヒアリングに基づき、資源エネルギー庁作成。棒グラフ上に最大値、最小値を記録した日付を記載。12

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

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?? ??? ?? · Sunday, March 10th, 2024



Muhammet Camdereli/iStock

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32????????????RIARIA????????????????????????????5????????????1????????3????????????????????????????
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?? ?? · Sunday, March 10th, 2024



taka4332/iStock

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????????????2000????????CO2????????????????????IPCC????1????0.5????
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43????????????60????

Q26-3 太陽光パネルの導入効果について③ 60

新制度により住宅への太陽光パネルの導入が増えると、どの程度のCO2削減効果がありますか？

A 26-3 新制度で義務化される導入分に加え、その波及効果等も合わせると、2030年までに新築・既存含めた都内住宅で新たに100万kWの太陽光パネルが導入されることを想定しています。このCO2削減効果は、年間約43万tであり、2030年までに家庭部門で必要な削減量の約5%に相当します。

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

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?? ?? · Thursday, March 7th, 2024



ConceptCafe/iStock

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????????????ESG??

?????2023?1??2022?11????????COP27????????????????
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2026??2023????????????????????2023

1011????????2025????????
2026????????

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202X?XX?2050????2030?2013?47%????CO2????

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5????6????

2030?CO2?46%????6%????6???

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2022?11????27????COP27????CO2???

EU?2023?9????UCPD????CRD????2026????

2050????2030?47%????2030?2050????CO2????

SDGs????

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ESG??

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

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?? ?? · Wednesday, March 6th, 2024



Dilok Klaisataporn/iStock

1. ????

2015?12??COP21?????2016?11?4????????????8????????????2020?10????????????2050????
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Ford Lost \$4.7B On EVs Last Year, Or About \$65K For Every EV Sold – Climate Change Dispatch

EV????SNS????EV????TV????????
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2021?8????????????????2030??LCOE?Levelized cost of electricity??

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電源	石炭火力	LNG 火力	原子力	石油火力	陸上風力	洋上風力	太陽光 (事業)	太陽光 (住宅)
発電コスト (¥/kWh)	13.6～ 22.4	10.7～ 14.3	11.7～	24.9～ 27.6	9.8～ 17.2	25.9	8.2～ 11.8	8.7～ 14.9
設備利用率稼働年数	70% 40年	70% 40年	70% 40年	30% 40年	25.4% 25年	33.2% 25年	17.2% 25年	13.8% 25年

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??BP??23?? ??? ? Beyond Petroleum?????2020?????50?????????????????50GW?????????????????40??????????

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BP lost \$1b in wind power and just flipped from cutting oil by 40% to increasing it « JoNova (joannnova.com.au)

???BP????????????????11?????????10??BP????????????????BP????????????????
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Climate Action 100+

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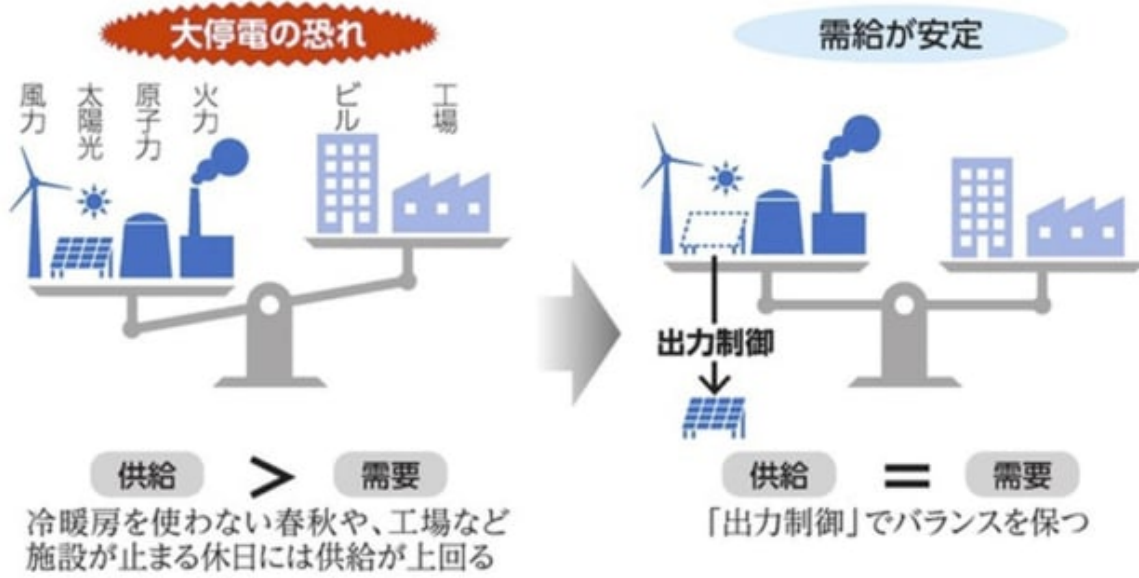
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Posted in ??????????, ??, ????? | No Comments »

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?? ?? · Wednesday, March 6th, 2024

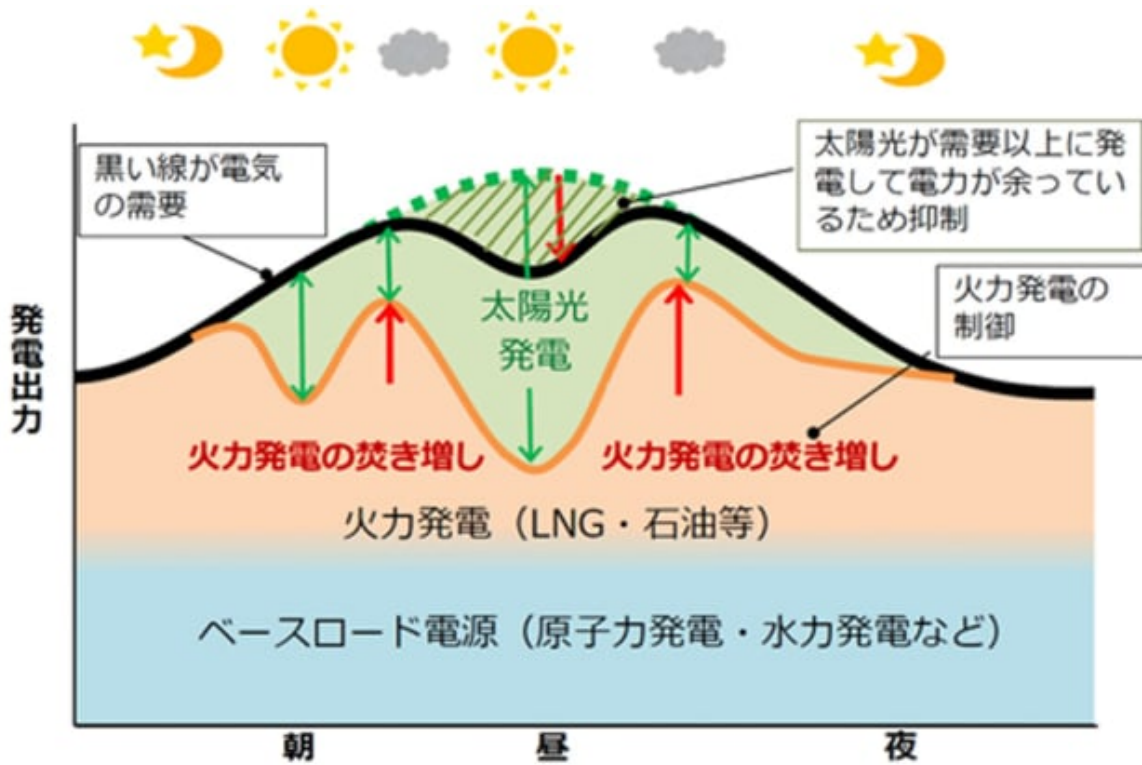
電力は需要と供給のバランスが大切



電力は需要と供給のバランスが大切

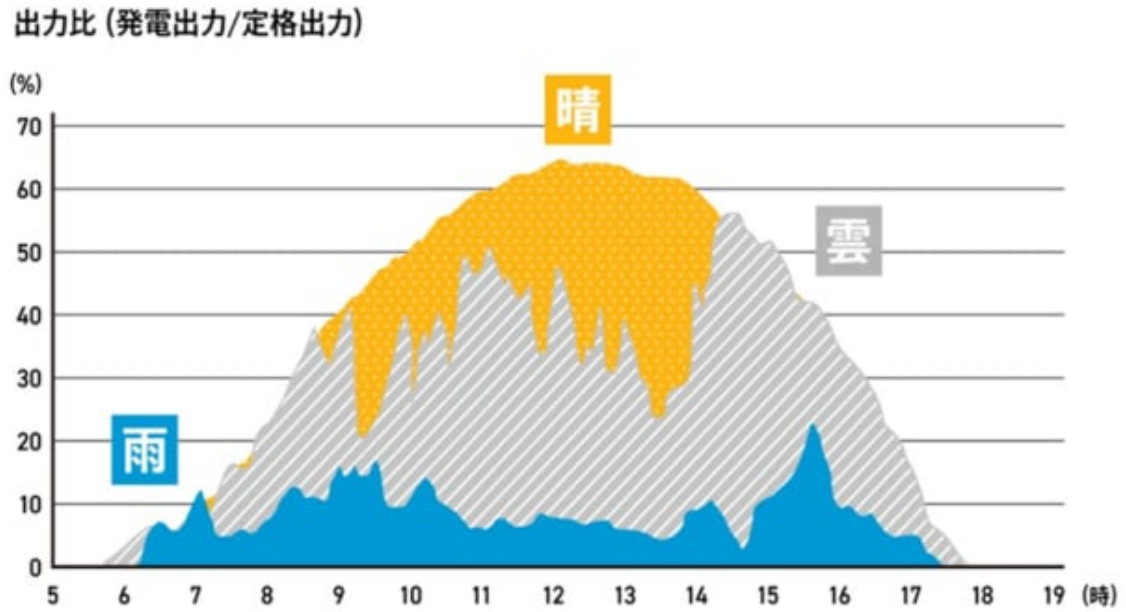
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- ①火力(石油、ガス、石炭)の出力制御、揚水・蓄電池の活用
- ②他地域への送電 (連系線)
- ③バイオマスの出力制御
- ④太陽光、風力の出力制御
- ⑤長期固定電源※ (水力、原子力、地熱) の出力制御

※出力制御が技術的に困難

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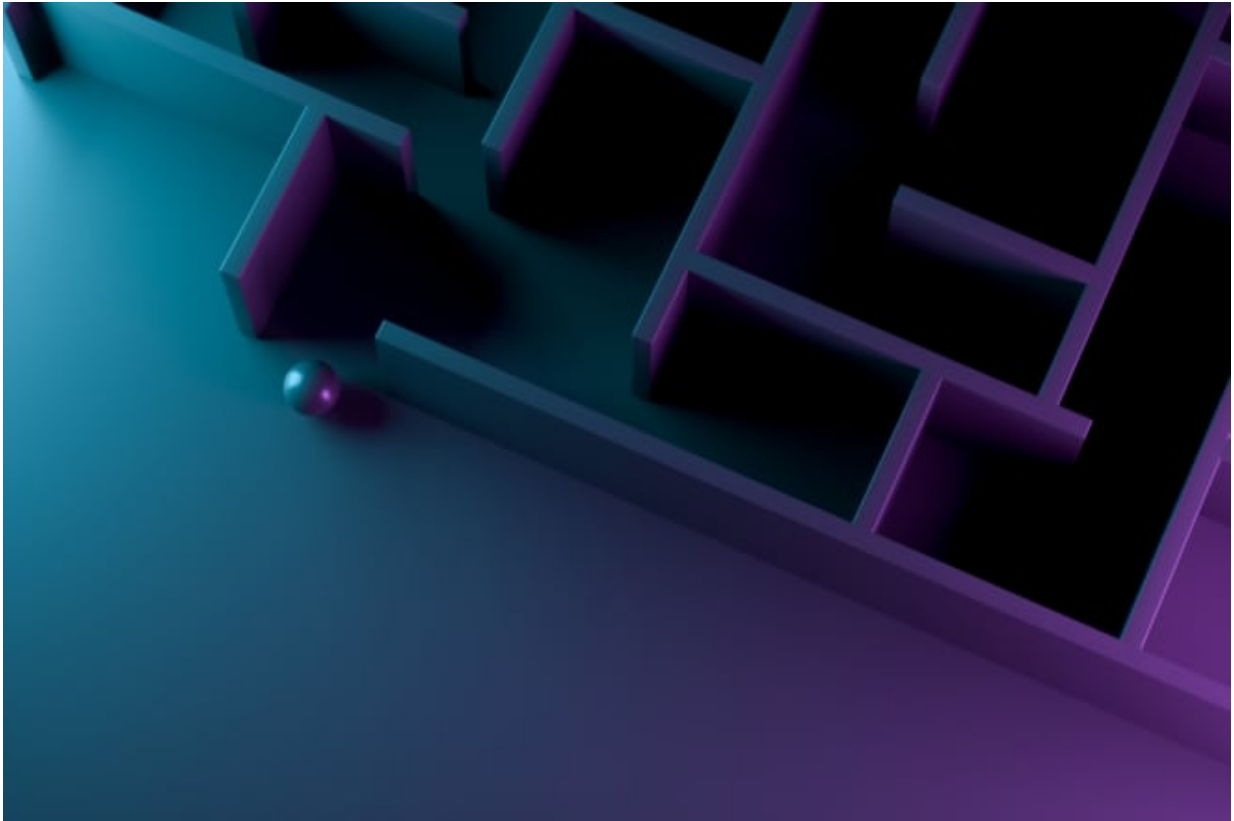
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akinbostanci/iStock

COP28????????????????????1.5????????????????????????????????????1.5????2050
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The Death of the 1.5 Degree Climate Target??????????1?8???????????????
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Lari Bat/iStock

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

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?? ?? · Thursday, February 29th, 2024



yipengge/iStock

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

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?? ?? · Saturday, February 17th, 2024



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Climate change is “the single-most existential threat to humanity we’ve ever faced, including nuclear weapons.” ?Whitehouse.gov, January 31, 2023?

“If we don’t keep [global temperature] below 1.5 degrees Celsius over the — be — not go above that — we’re going to damn our children to a circumstance that is going to be the only truly existential threat under nu- — other than nuclear war.” ?Whitehouse.gov, March 14, 2023?

“The only existential threat humanity faces even more frightening than a — than a nuclear war is global warming going above 1.5 degrees in the next 20 — 10 years.” ?Whitehouse.gov, September 10, 2023?

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Posted in ???, ????? | No Comments »

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?? ?? · Monday, February 12th, 2024

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?? ?? · Friday, February 9th, 2024



Agenda47: President Trump on Making America Energy Independent Again

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?? ?? · Thursday, February 8th, 2024

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

CO2??

?? ?? · Tuesday, February 6th, 2024



baileystock/iStock

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?????????Voters???1????????????????3????????????????????

???1????????????????15????????????????1????????????????

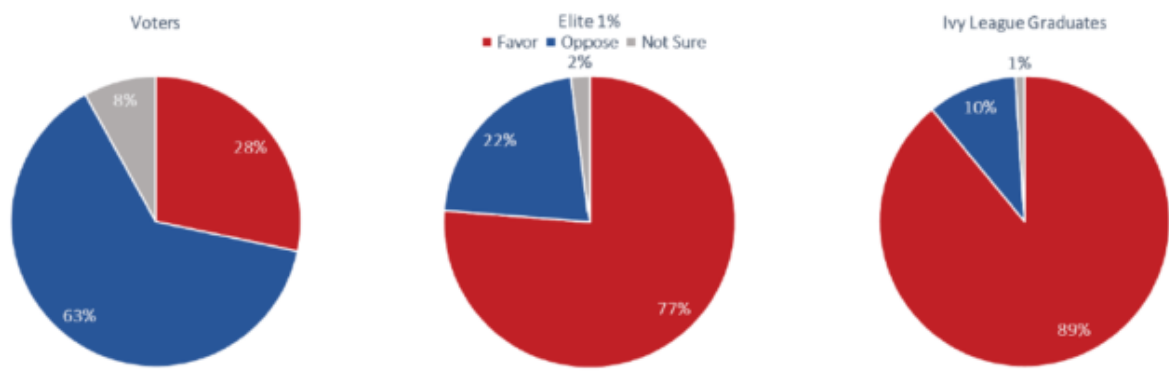
????????????????1????????????????????????????????????

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

?????63%????????????77????????????89%???

To fight climate change, would you favor or oppose the strict rationing of gas, meat, and electricity?



2????????????????????

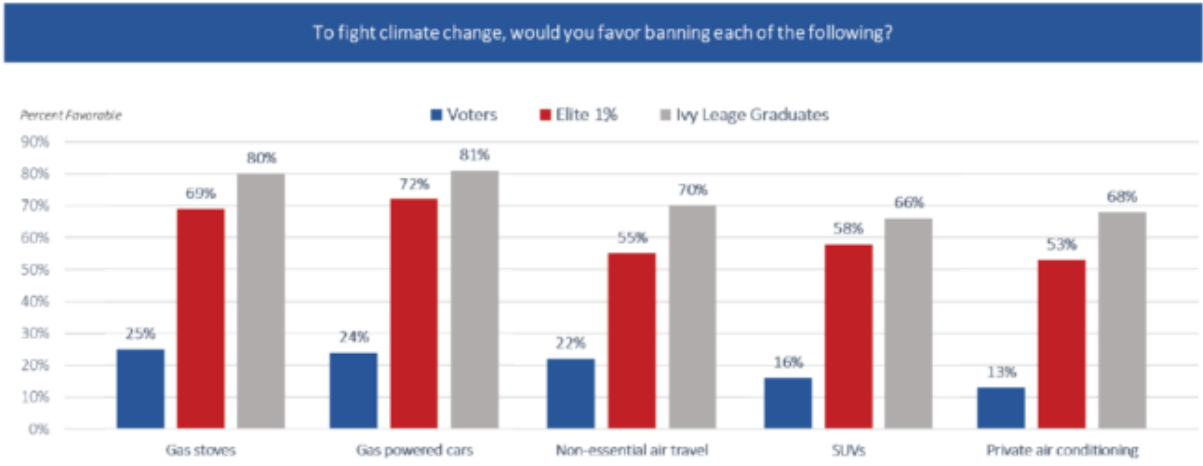
?????72??100????????70??500?????

How much would you personally be willing to pay each year in terms of taxes and higher costs to reduce climate change?



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

????????????????SUV????????????????13??25????????53??
72????????66??81????????



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 ???44???

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??CO2??
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Posted in ???, ????? | No Comments »

CO2??

?? ?? · Monday, February 5th, 2024



Sakorn Sukkasemsakorn/iStock

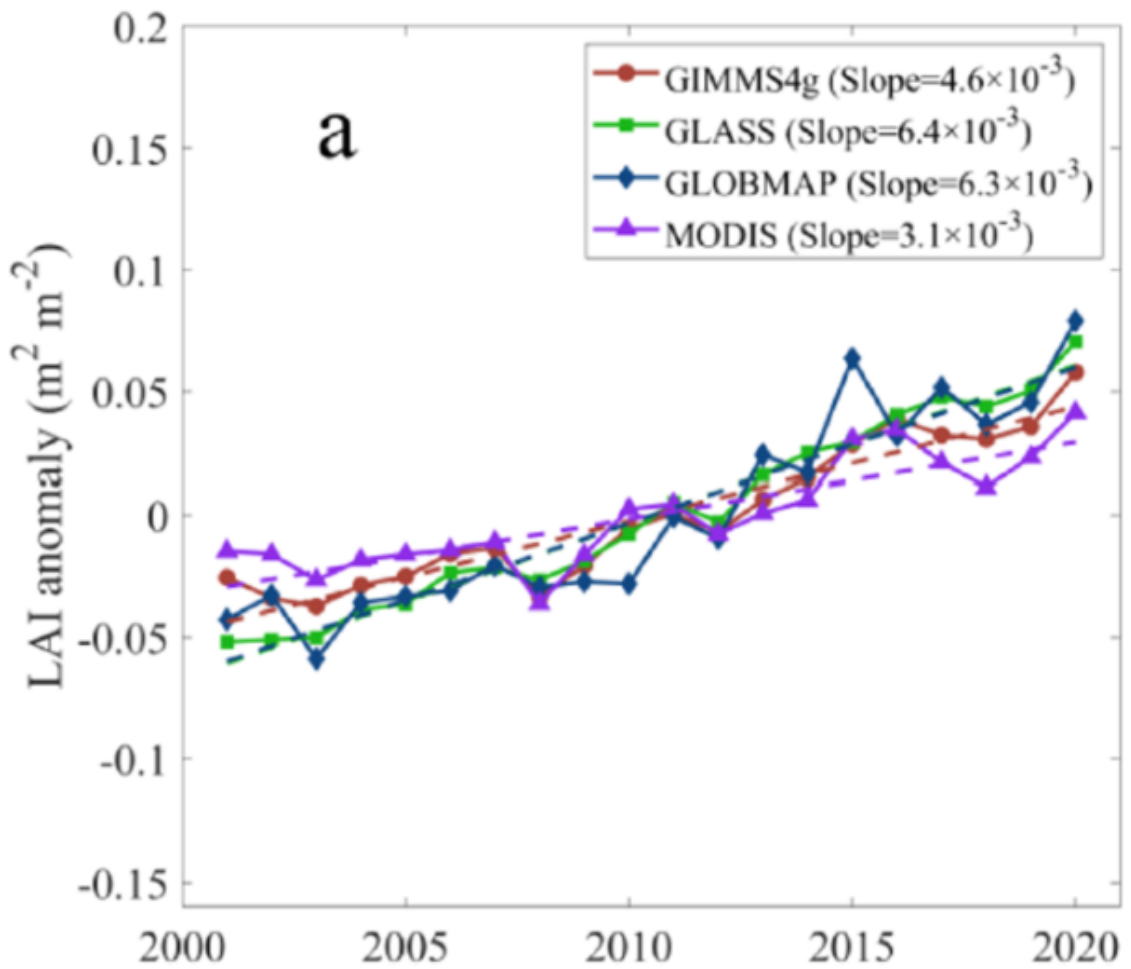
CO2??global
greening)??

???2000??2020????????????????Leaf Area Index, LAI??????

LAI??????1??3????1??????????1????????????????????
??1??

????????LAI?20??0.1????????????????????1????????????????0.1????????????????????????????????

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?1?LAI???

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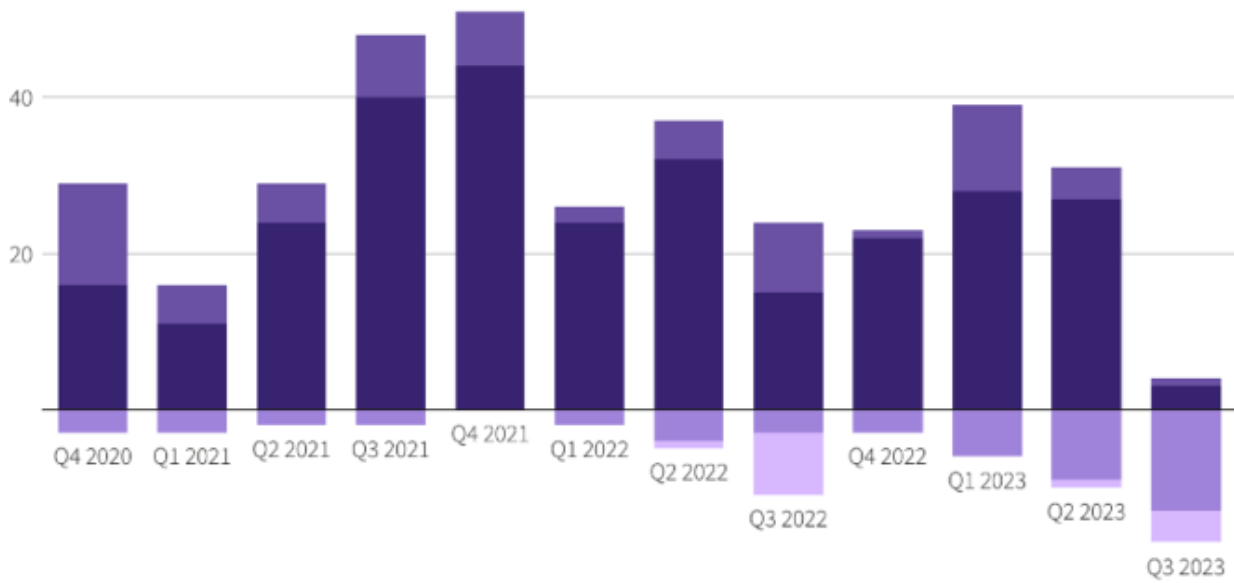
CO2?????Srad?????P???????Soil Moisture, SM?????Airt??5??????????????2??

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

Sustainable fund launches plummet

Asset managers closed sustainable funds faster than they opened new ones in the third quarter

● Launches ● Funds moved into sustainable category ● Closures ● Funds dropping sustainability mandates



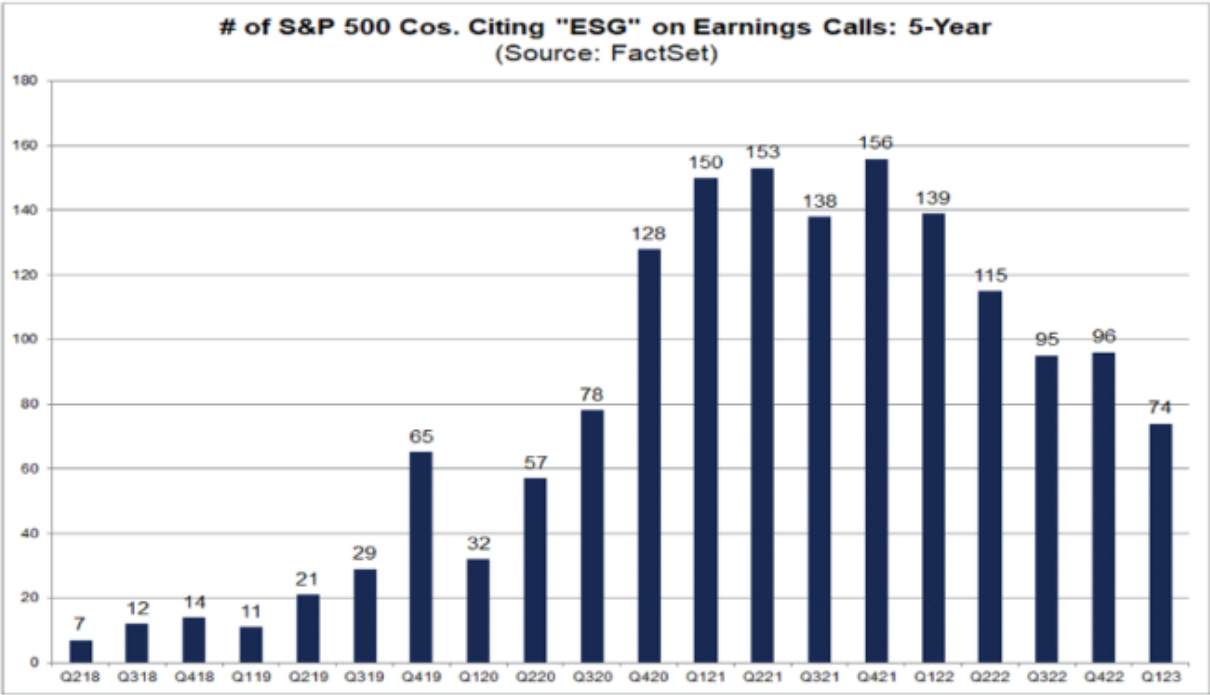
Source: Morningstar Manager Research

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??????ESG??????S&P500??????2020??2???????



??????ESG????????????????74??????S&P500????????????????ESG????????????2020
 ??2????57????????????2021??4????156????????????????ESG??????S&P500?????5?
 ?????4????????????????2022??4????????????2023??1????????????ESG?????S&P50
 0????23%?????



FACTSET

2018-2023

Q218-Q123

ESG



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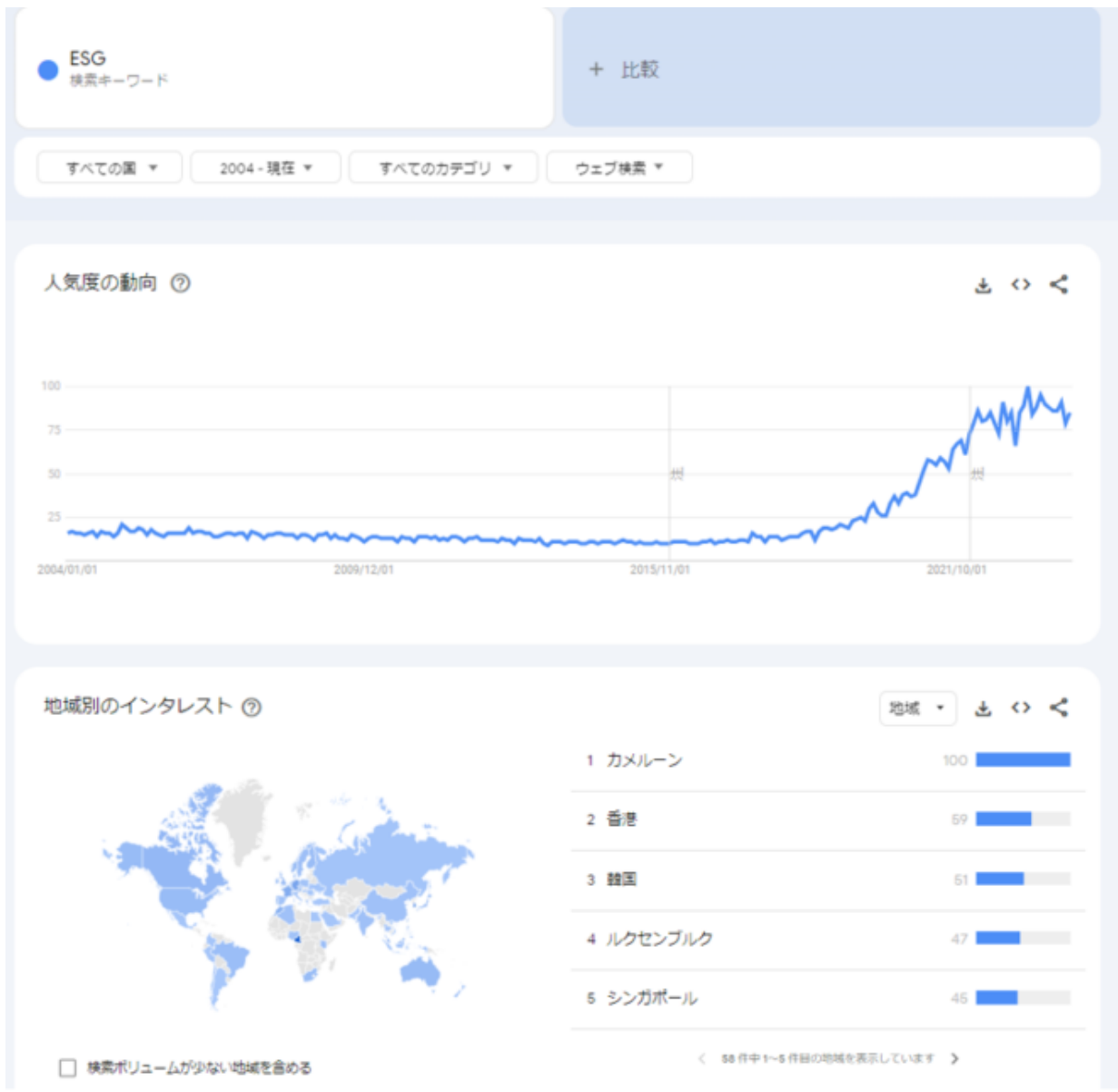
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2023??ESG??????????

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??“?????transitional
fuel?”??COP????????????????????
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??“transition away from fossil
fuels”??
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??COP????12?7????COP????????1????????????
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?!EurActiv, January 16, 2024

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?? ?? ? - Thursday, February 1st, 2024



ollo/iStock

1?10??CA?
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GDL????????????555? ?????????25????????????????3000????????????????
????????38????35????????

??12?7?8?GDL??

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???29?18????????????????????5????????????????????????????????3????????????

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