

2035 2050
2016

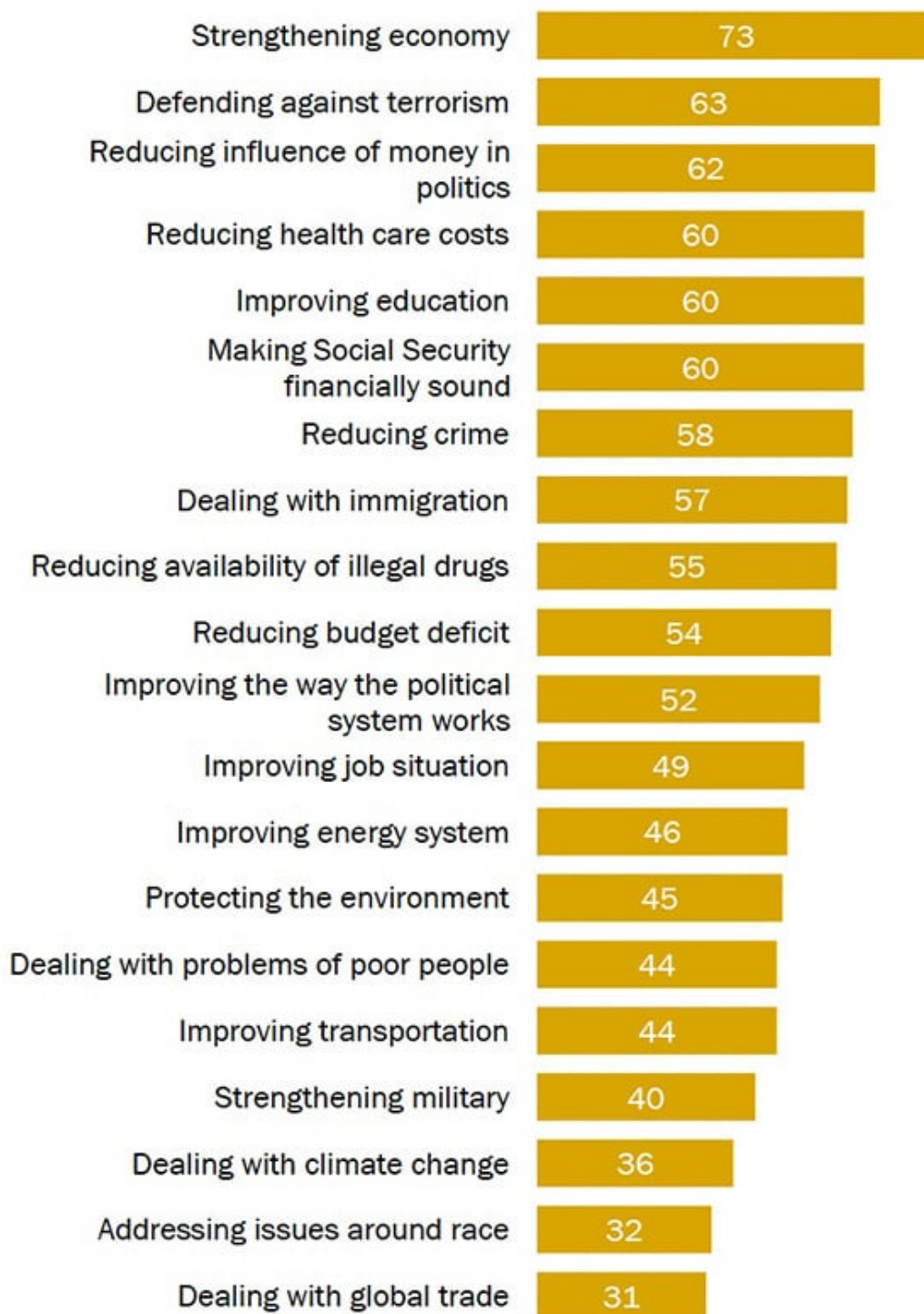
COP29 2025
COP15 2020 1000 2015 COP21

COP29

20 17 36% Pe
w Research Center

Americans' top policy priority this year? Strengthening the economy

% who say ___ should be a top priority for the president and Congress to address this year



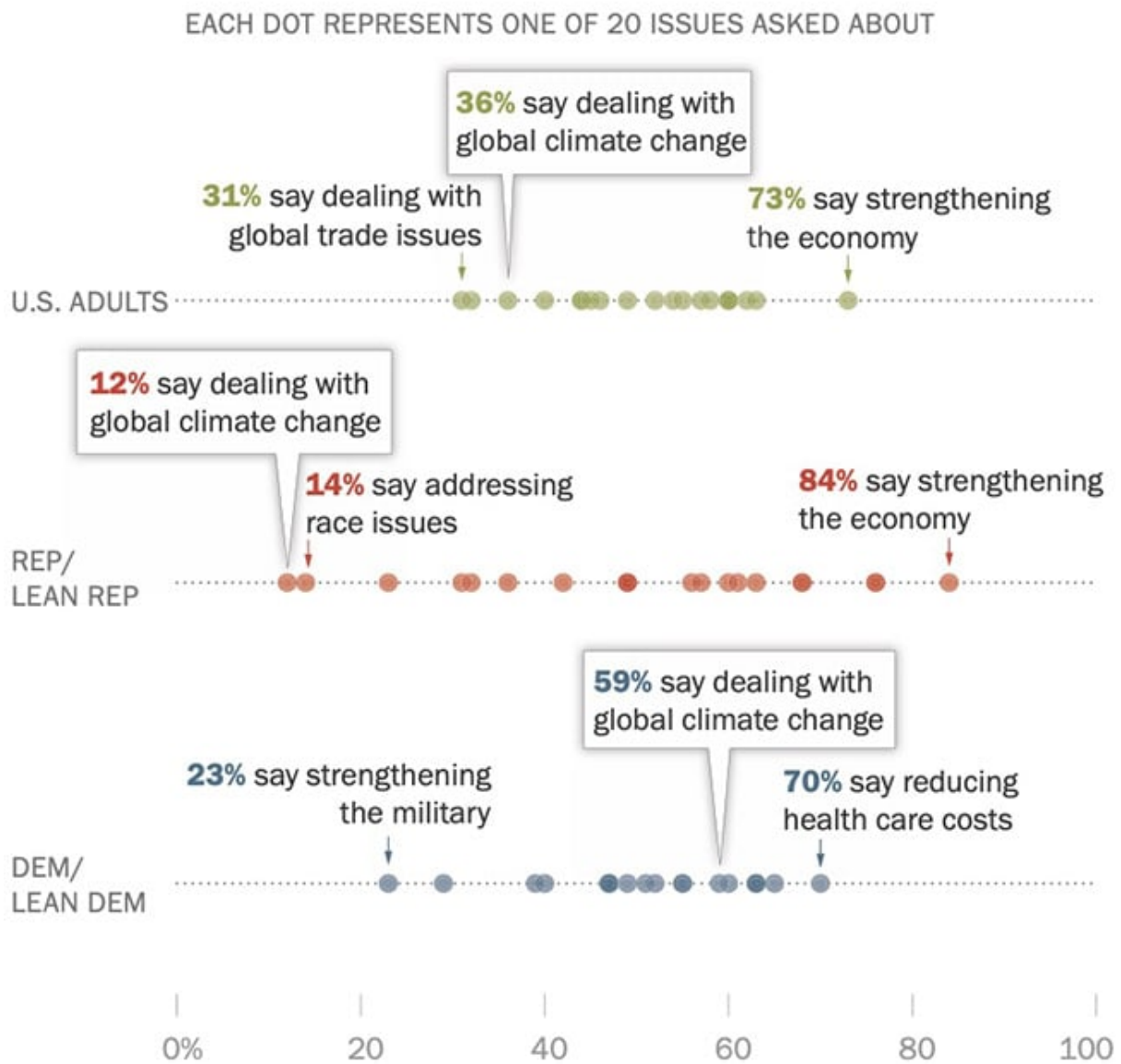
Source: Survey of U.S. adults conducted Jan. 16-21, 2024.

PEW RESEARCH CENTER

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Republicans rank climate change at the bottom of their priorities for the president and Congress in 2024

% of U.S. adults who describe each of the 20 issues asked about as a top priority for the president and Congress



Note: Respondents who gave other responses or did not give an answer are not shown.
Source: Survey of U.S. adults conducted Jan. 16-21, 2024.

PEW RESEARCH CENTER

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

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I-1. J-クレジット制度の概要と目的

- J-クレジット制度とは、省エネ・再エネ設備の導入により排出削減されたり、森林管理により吸収されたりしたCO₂等の温室効果ガスの量を認証し、認証分の「クレジット」を発行する国の制度。
- クレジットは、排出削減実績を主張する権利を「証券化」したようなものであり、自らも排出削減に努めているが、もっと（実態以上に）排出削減した“ことにしたい”者へ、**移転・売却することが可能。**
- こうした売買が、クレジットの創出者と購入者との間の自由取引（量も価格も自由）で行われることにより、「市場メカニズム」の下、地球温暖化対策の資金を循環させ社会全体で最適に配置させることが目的（認証それ自体、あるいは認証を通じた排出削減・吸収の“称揚”が最終目的ではない）。



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

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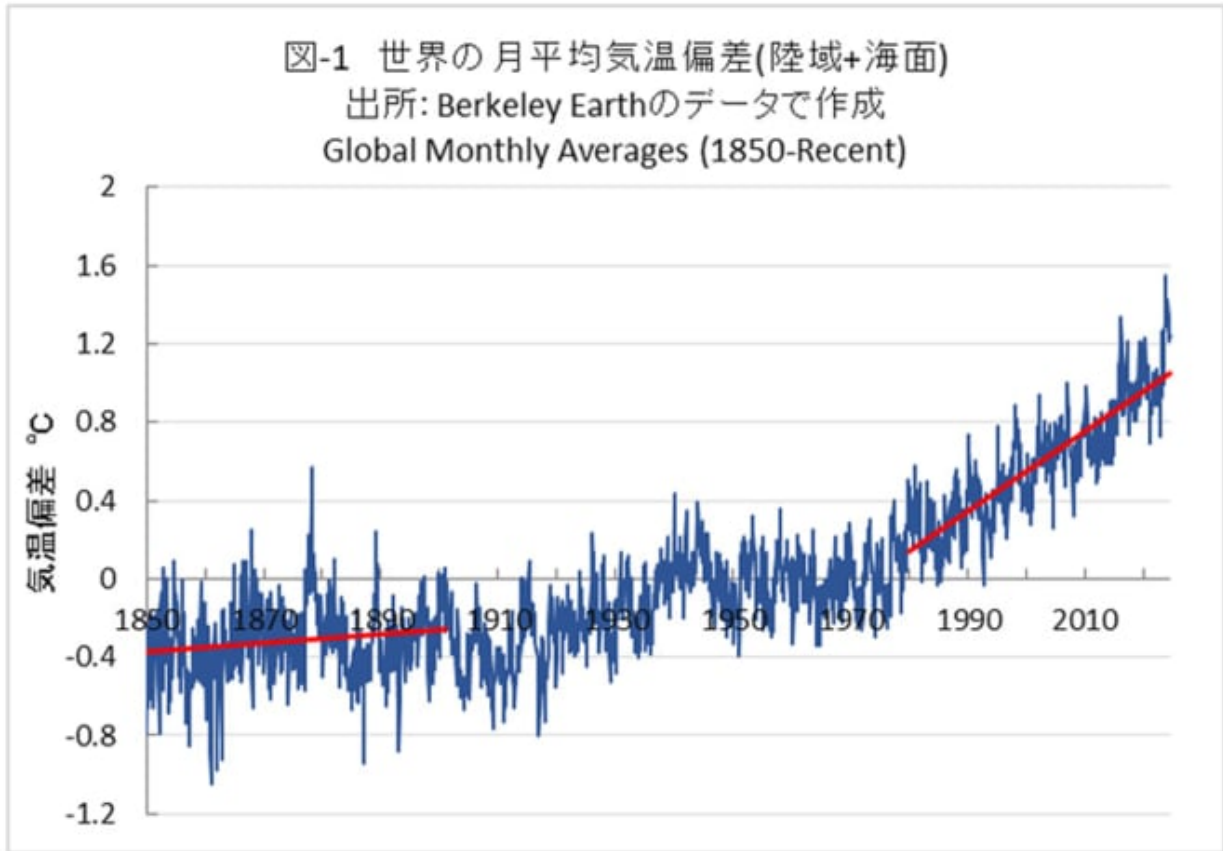
GEPR??? · Thursday, November 14th, 2024



ImagineGolf/iStock

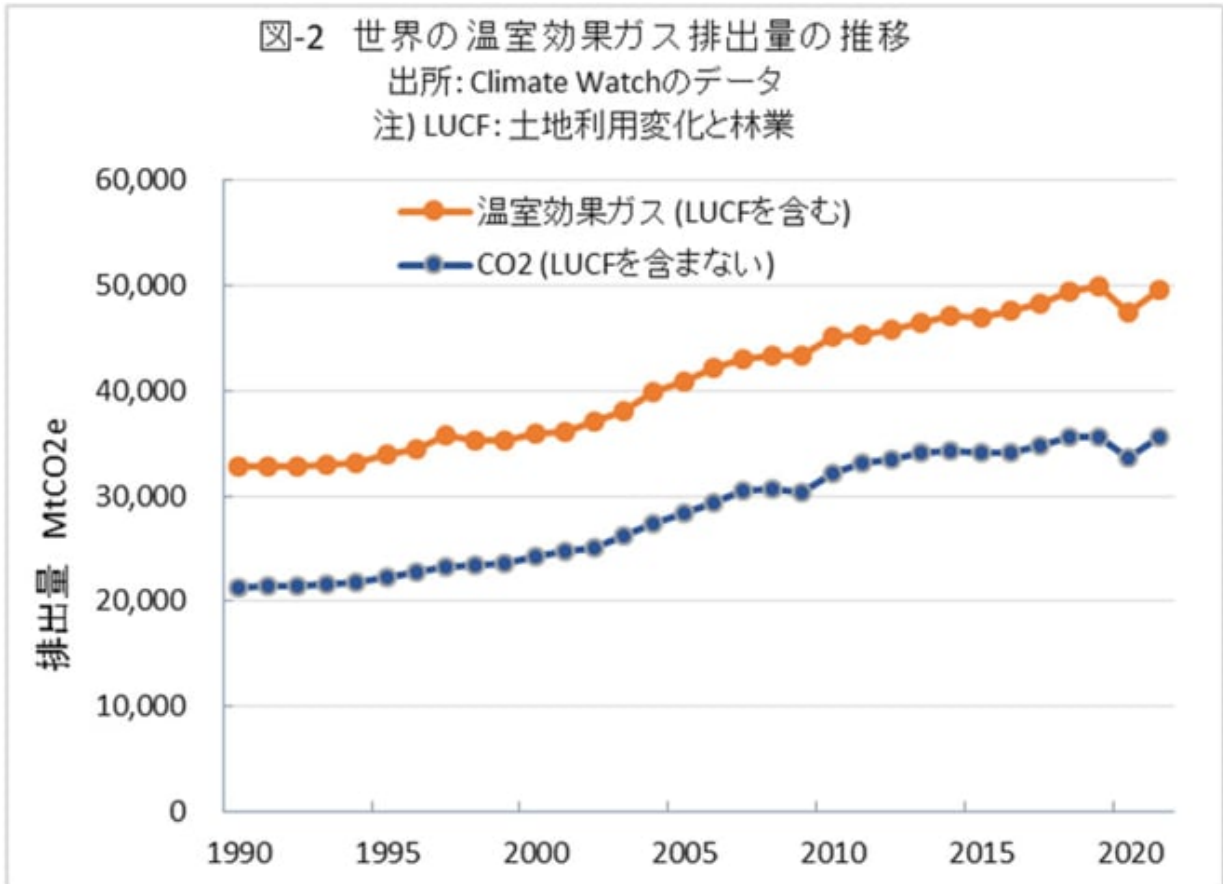
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Earth???2????????1.5????????????????2030?????1.5????????????????



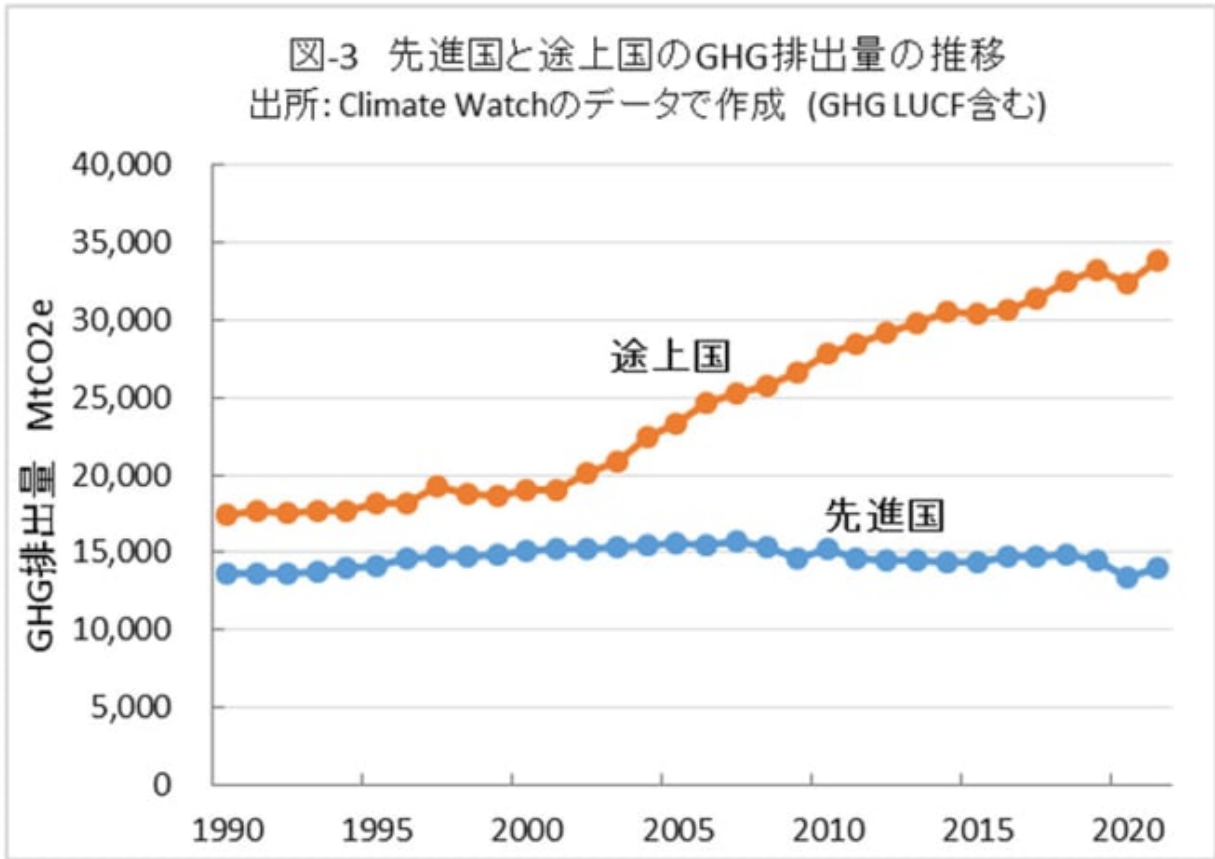
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?2?Climate Watch?Data
Explorer???9?????????????????????????????GHG????????????????



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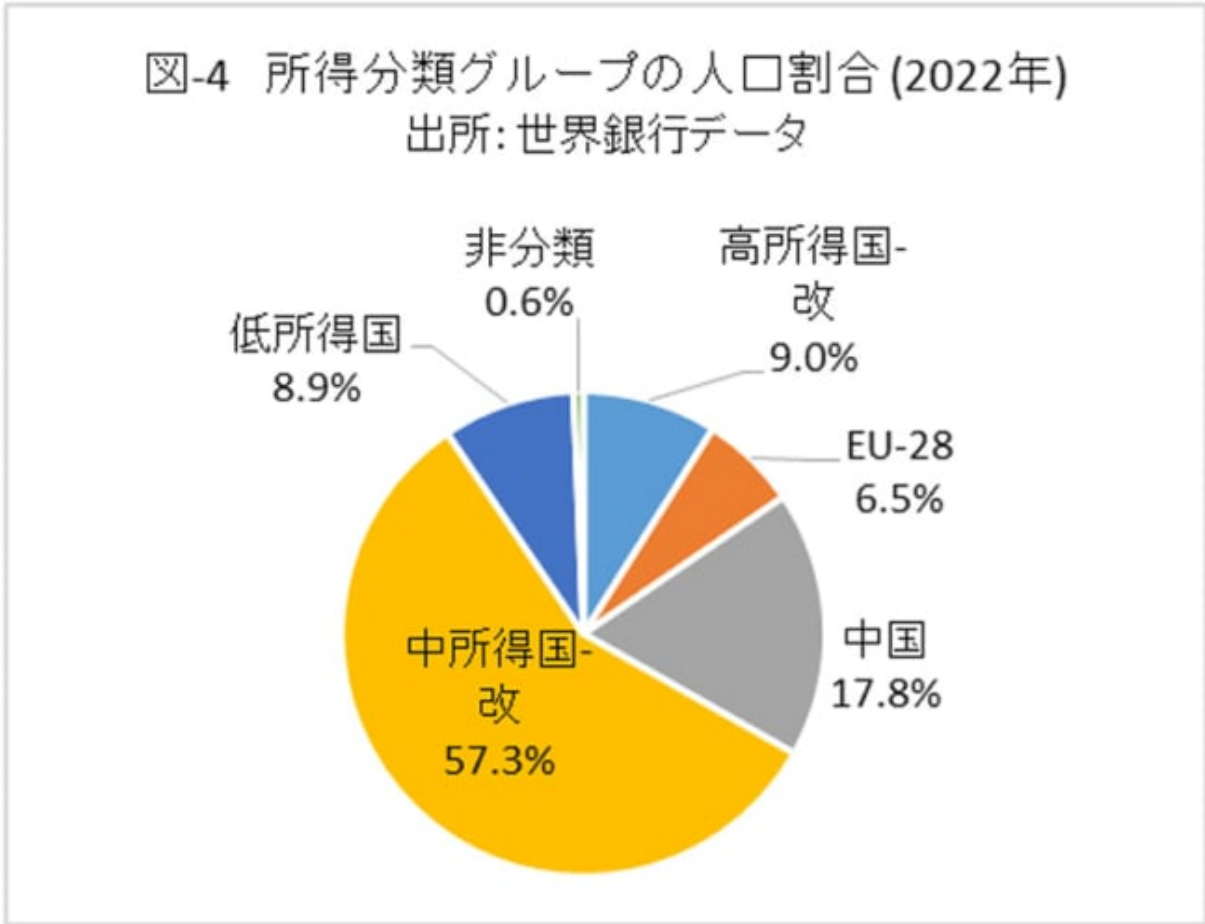
表-1 世界銀行の所得水準による国分類と本報告の国分類

本報告の分類	世界銀行、所得水準による国別分類 (FY22)		本報告での分類名称	備 考
	分類名称	1人当たりGNI, USD		
先進国	High income countries	> 12,695	高所得国-改	EU除く
			EU-28	英国含む27カ国 ブルガリア含む
途上国	Upper-middle income countries	4,096 - 12,695	中国	
	Lower-middle income countries	1,046 - 4,095	中所得国-改	中国、ブルガリア除く
Low income countries	< 1,045	低所得国		

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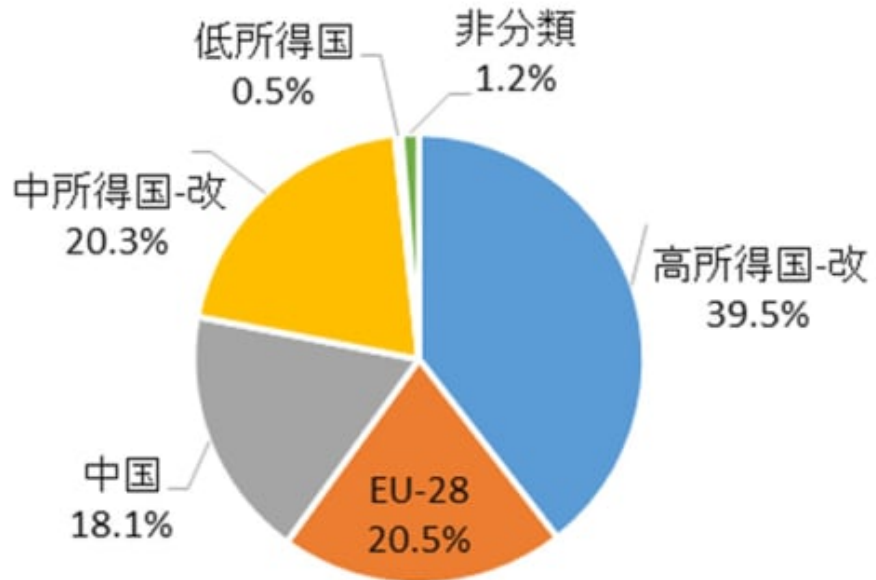
2007GHG5



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GHG2022/4GDP40%

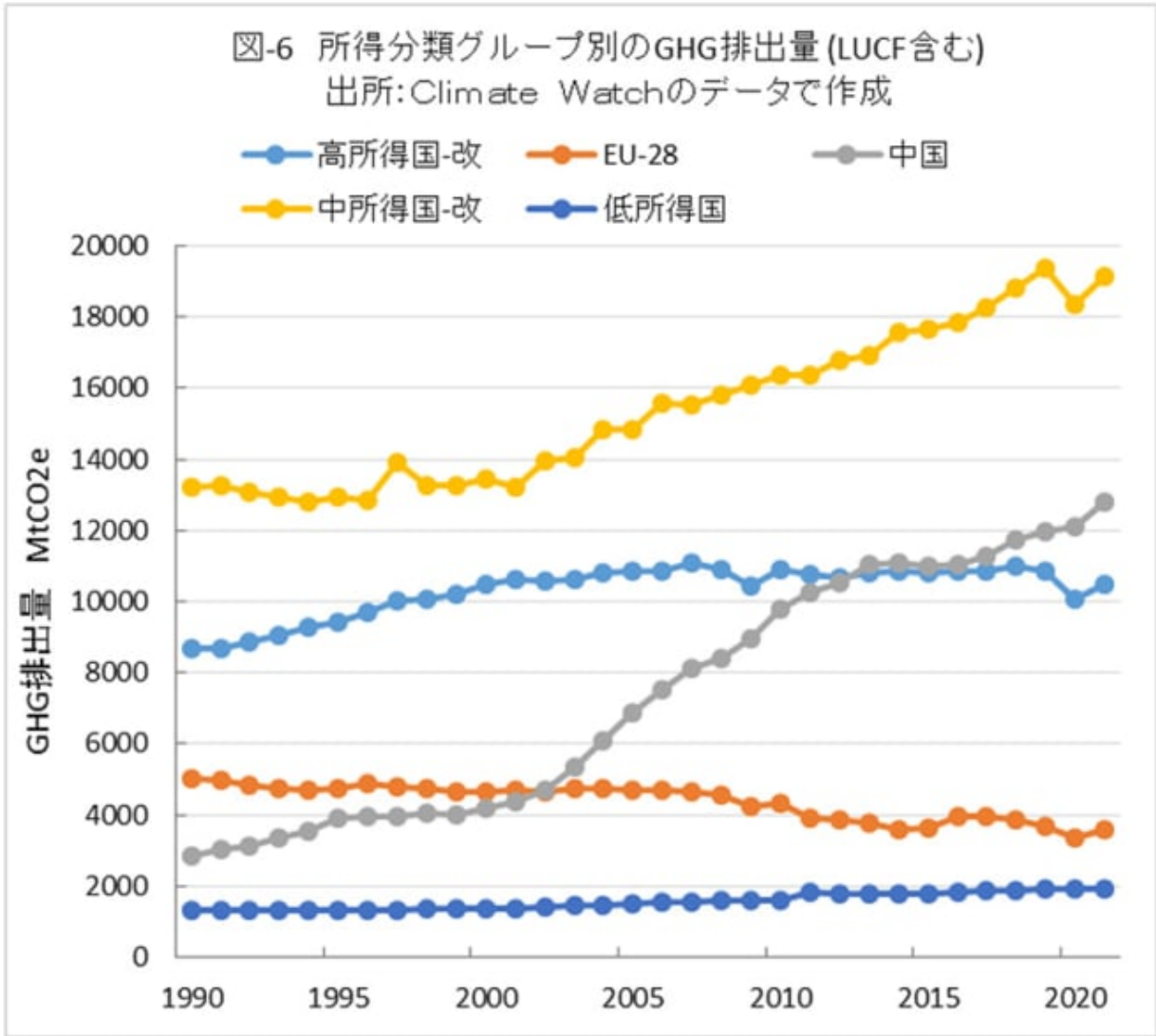
図-5 所得分類グループの実質GDP割合 (2022年)
出所: 世界銀行データ (constant 2015 USD)



25

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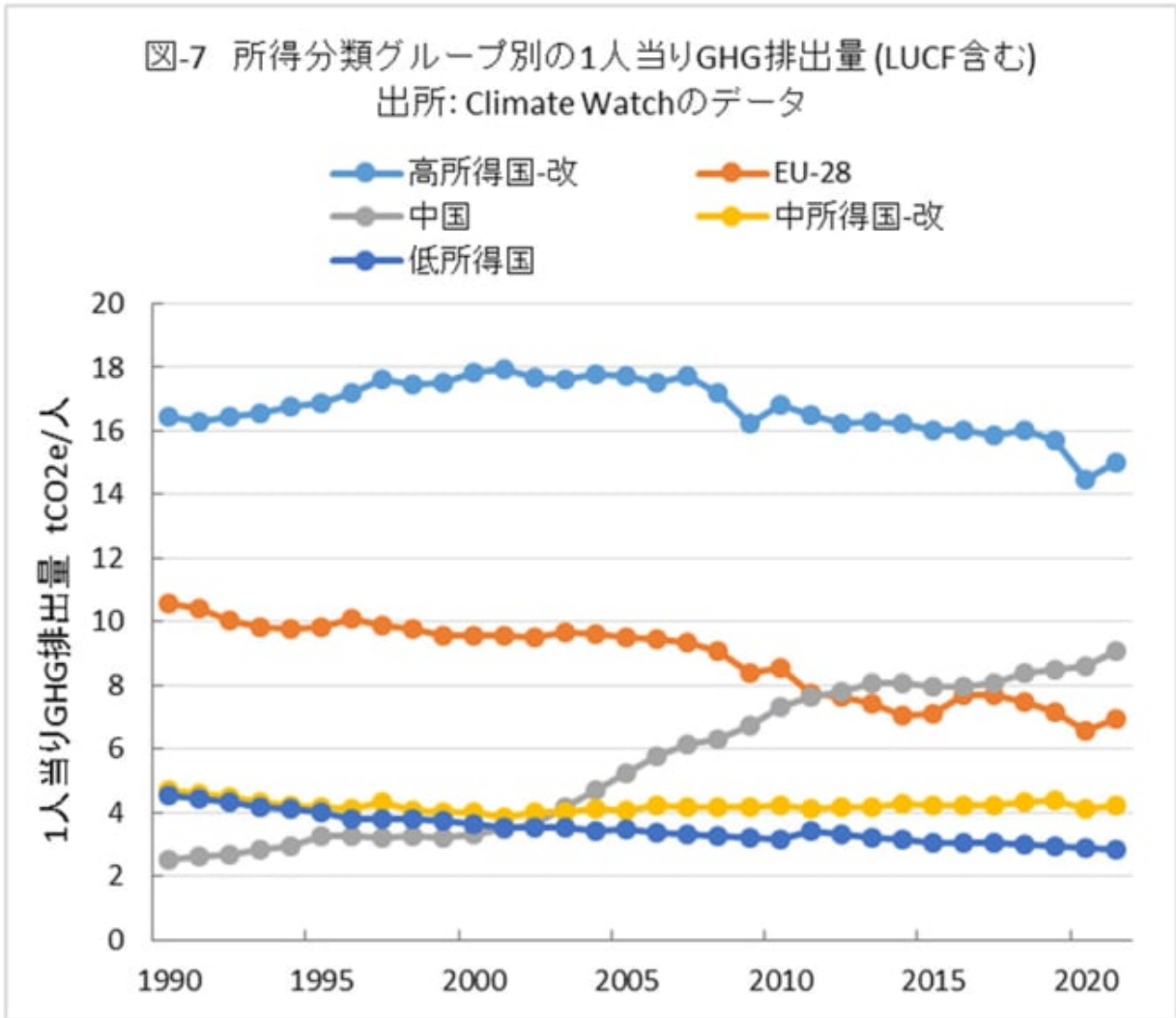
EU-28?GHG????????????????????-????????????????????-
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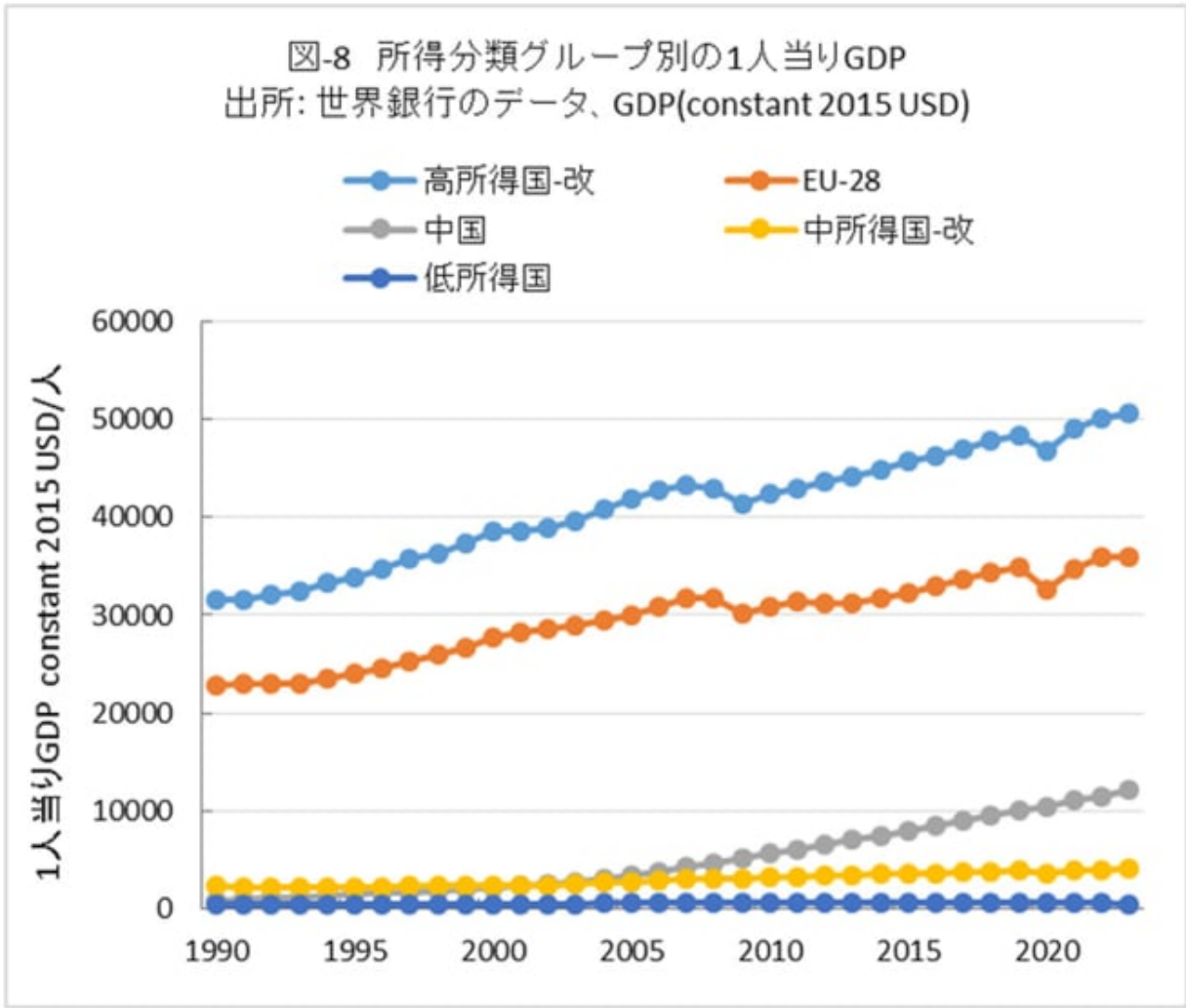
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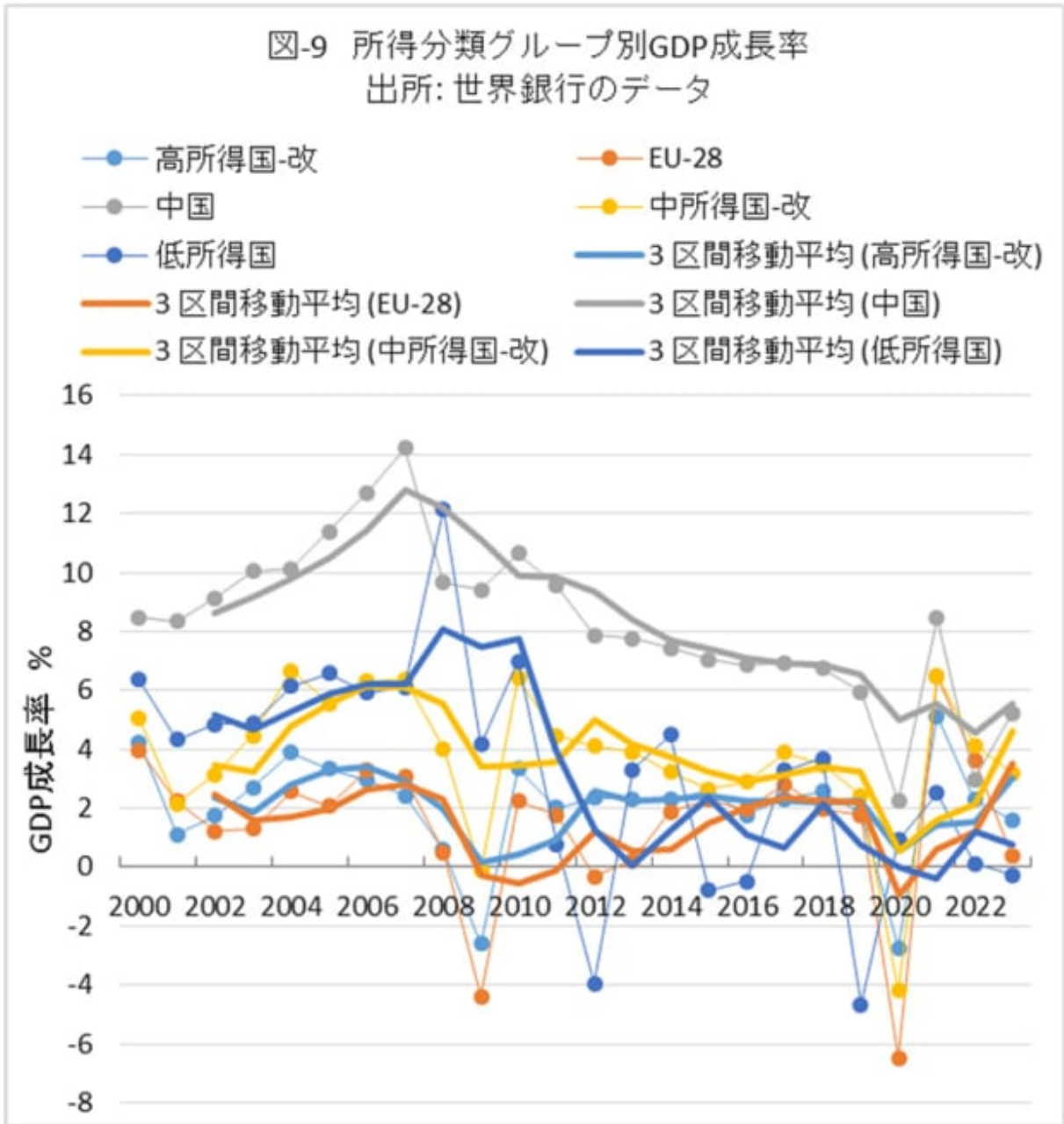
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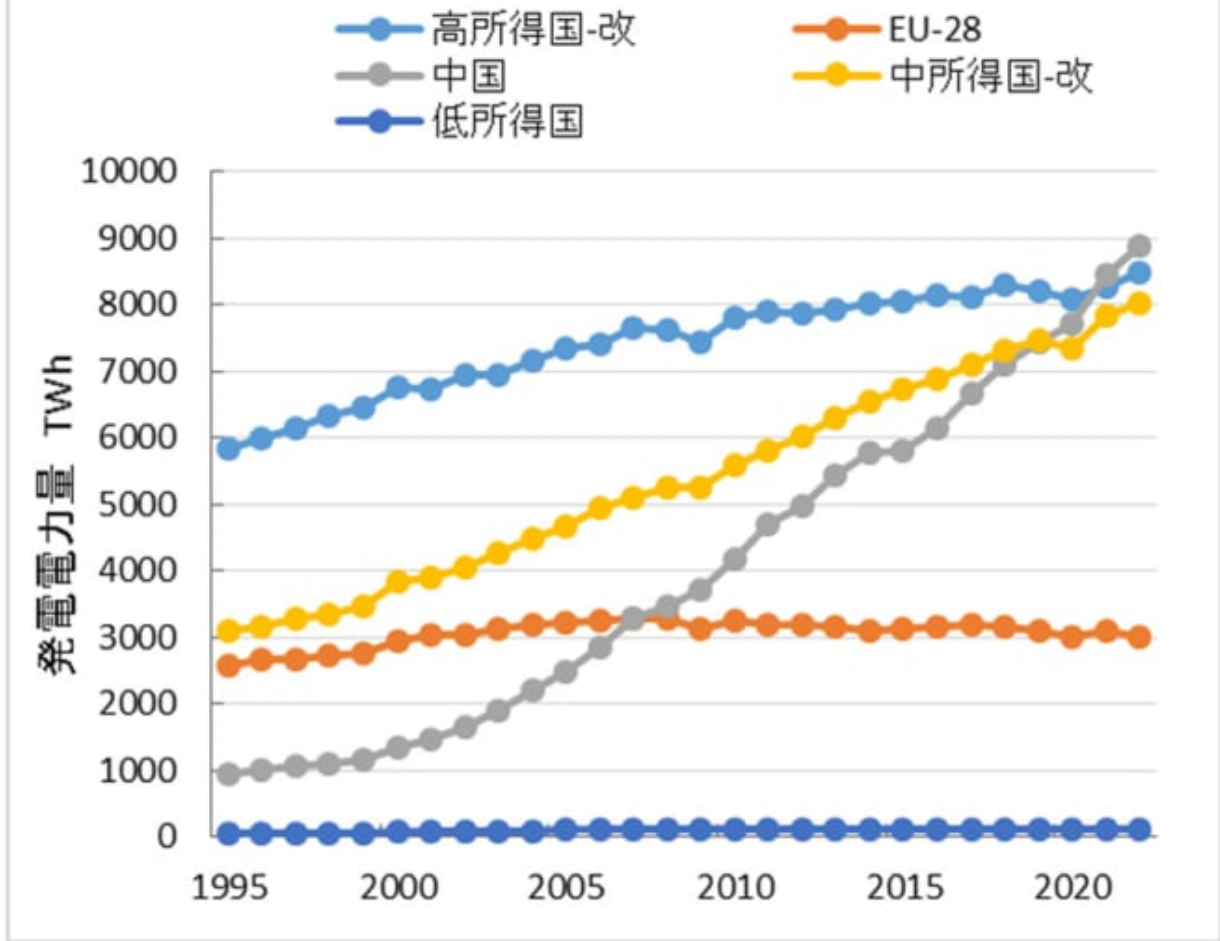
9

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図-11 所得分類グループ別の年間発電電力量
出所: 米国エネルギー情報局(EIA)のデータ



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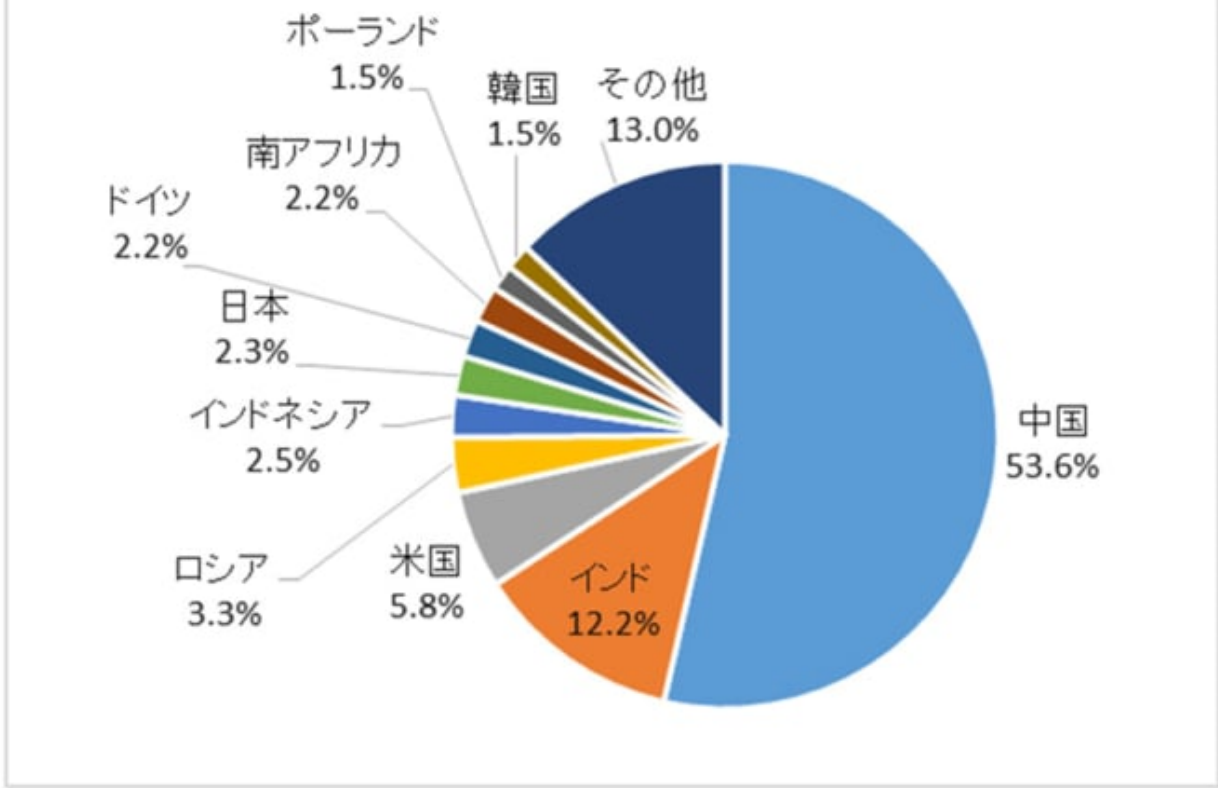
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図-13 世界の石炭消費量上位国(2022年)
消費重量比率、冶金原料炭を含む
出所: 米国エネルギー情報局、Internationalデータ



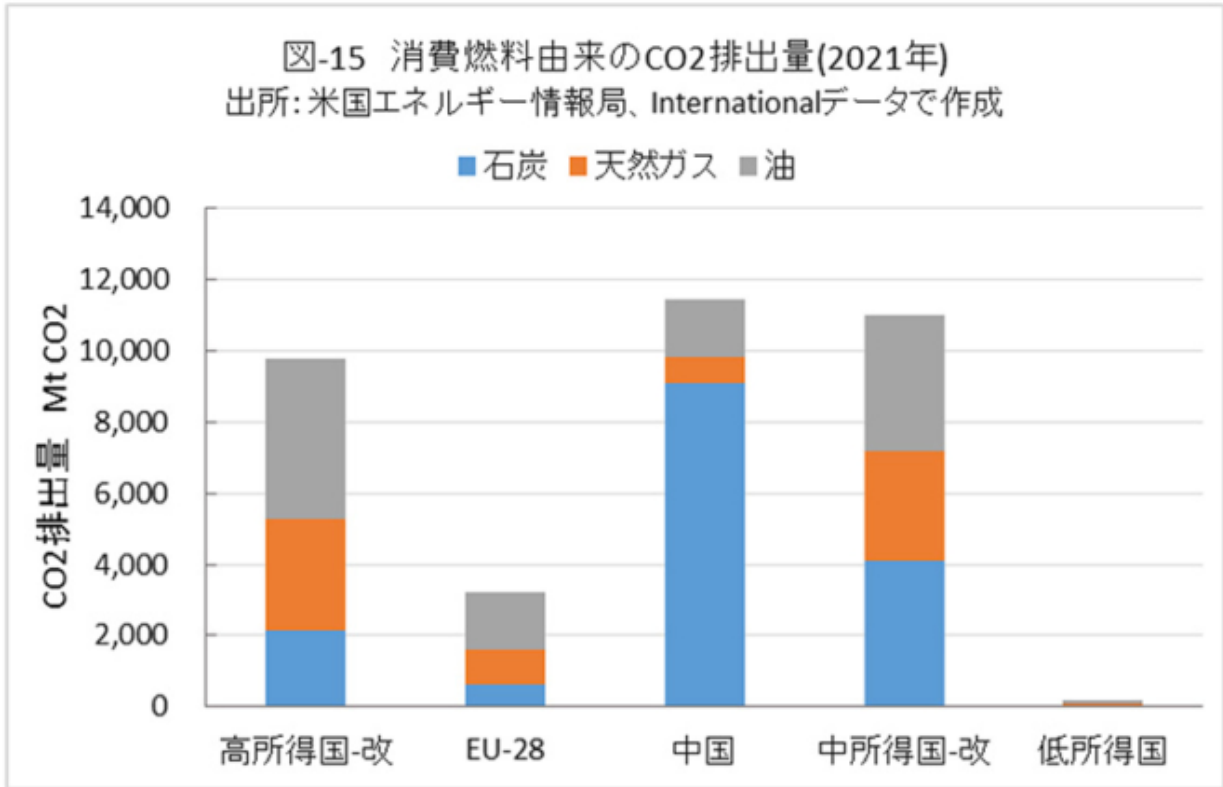
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Just_Super/iStock

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How ‘carbon cowboys’ are cashing in on protected Amazon forest

[https://www.reuters.com/technology/amazon-forest-protection-2024-11-19/](#)
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 Netflix?
 Airbnb?
 Spotify?

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Betrug im Handel mit Kohlenstoff-Zertifikaten? – Forschung enthüllt massive Lücken im Waldschutz

[https://www.reuters.com/technology/amazon-forest-protection-2024-11-19/](#)26?
[https://www.reuters.com/technology/amazon-forest-protection-2024-11-19/](#)

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Report: U.N. Using Climate ‘Credit’ Scheme to Hide Massive Carbon Emissions

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

Trusted Flaggers????????????????

?? ???? · Tuesday, November 12th, 2024



sonmez karakurt/iStock

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Posted in ???, ?? | No Comments »

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GEPR?? · Tuesday, November 12th, 2024



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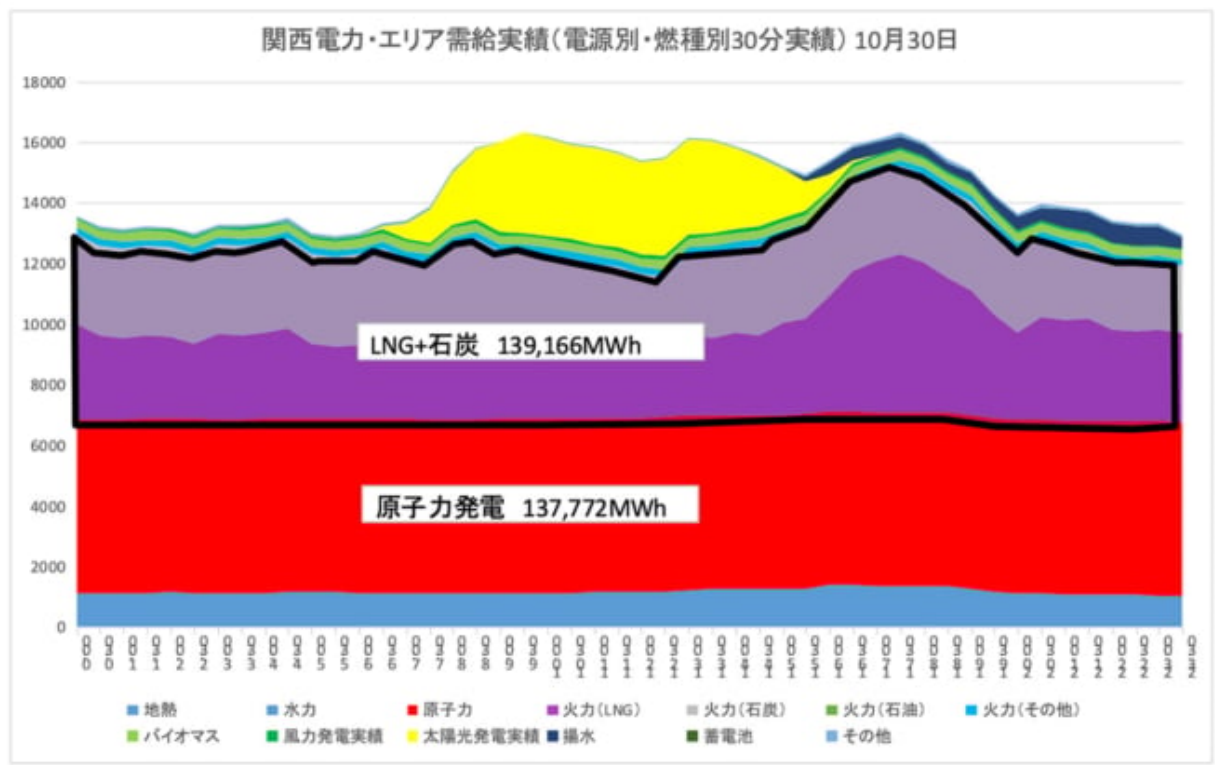
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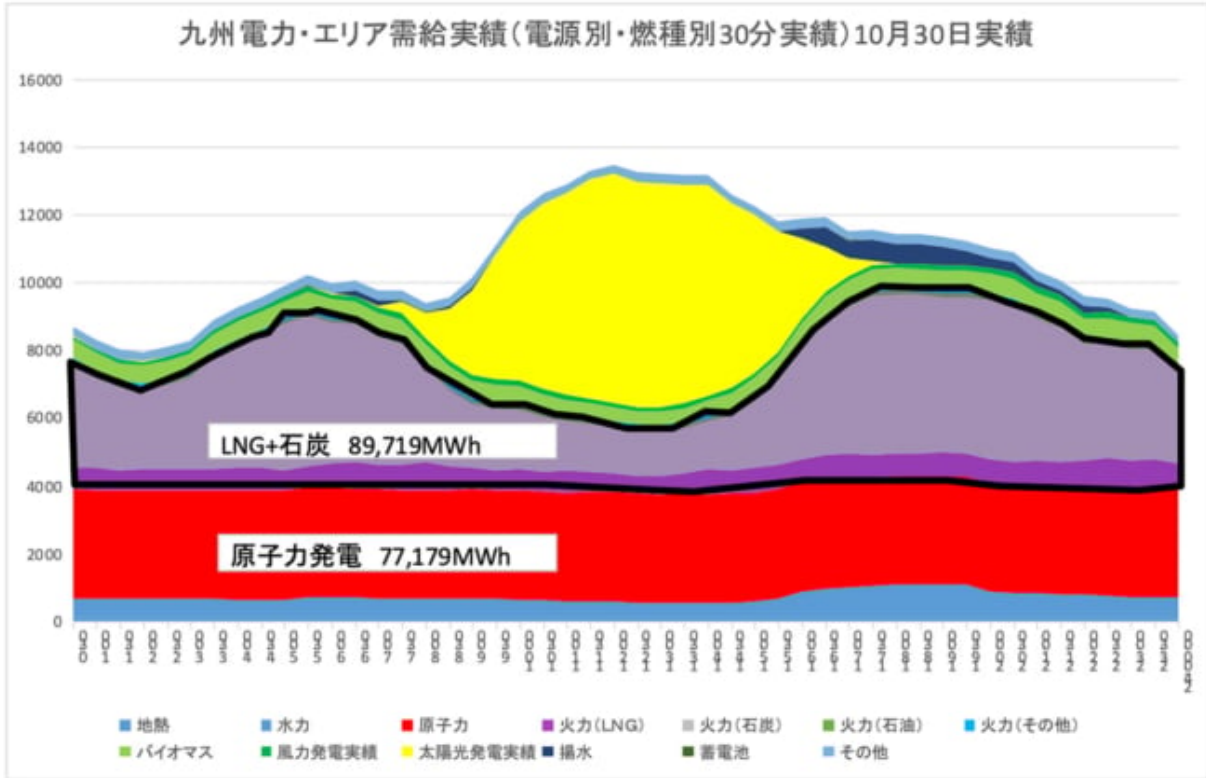
?1?2024?10?30??LNG????????
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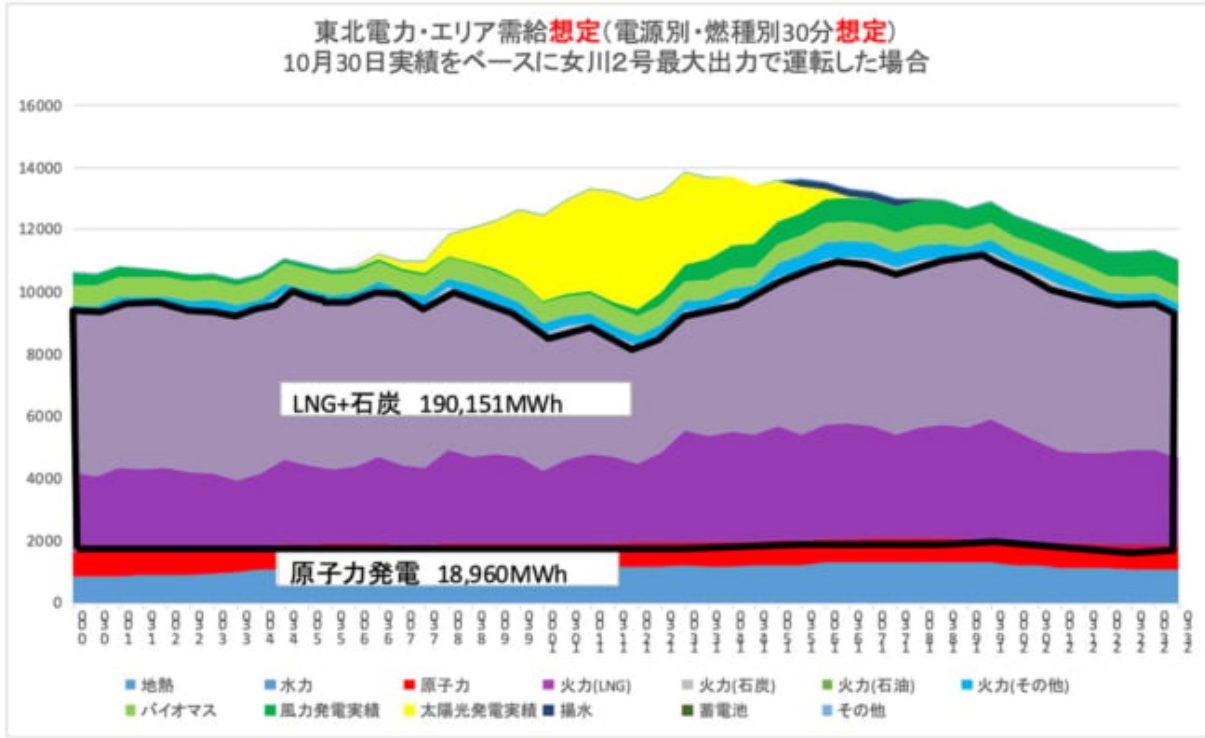
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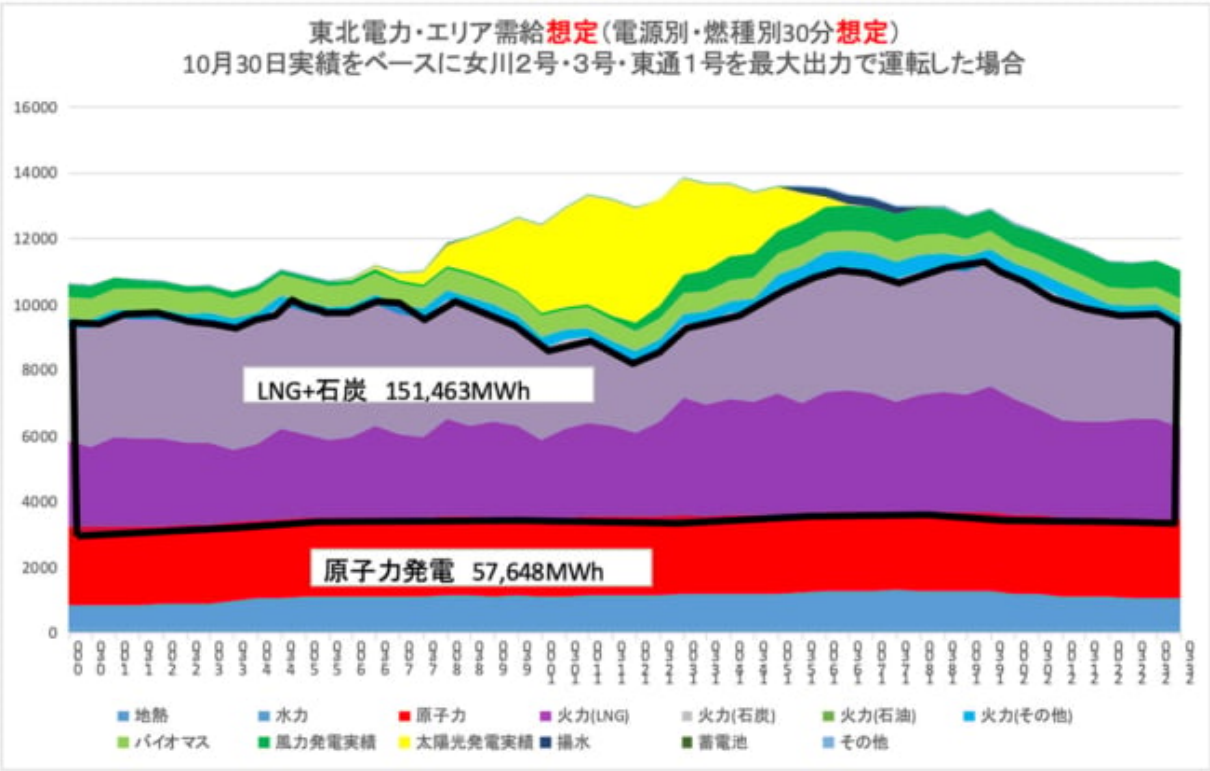
????????18,960MWh?LNG????????190,151MWh????????????9????????????????

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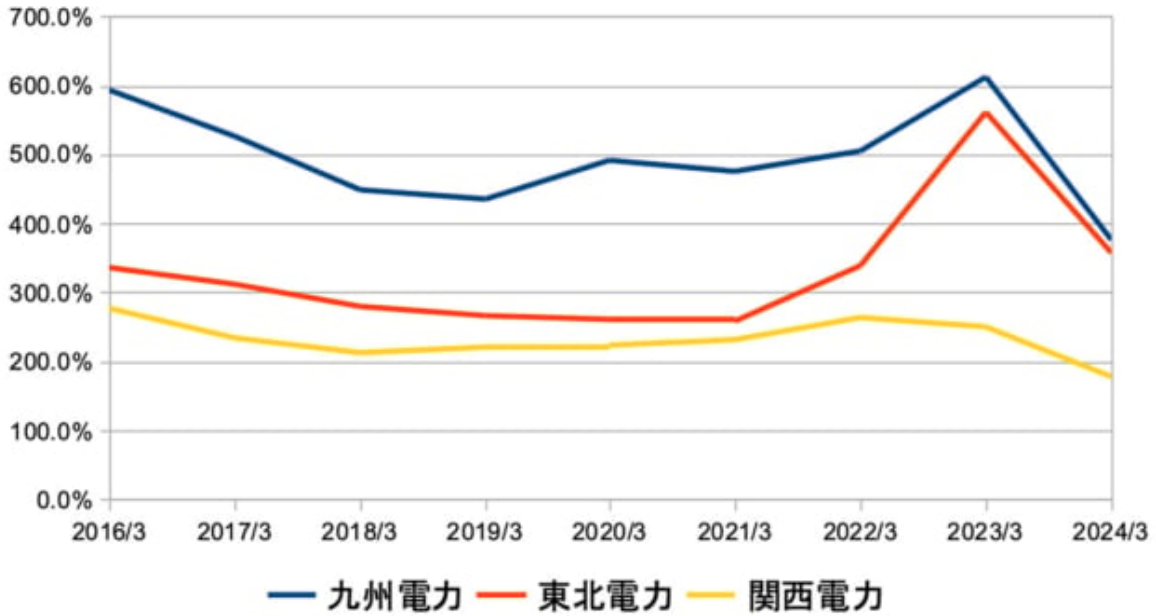
??2????3?4????????????????1?????????????????
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4. ?????????3????????

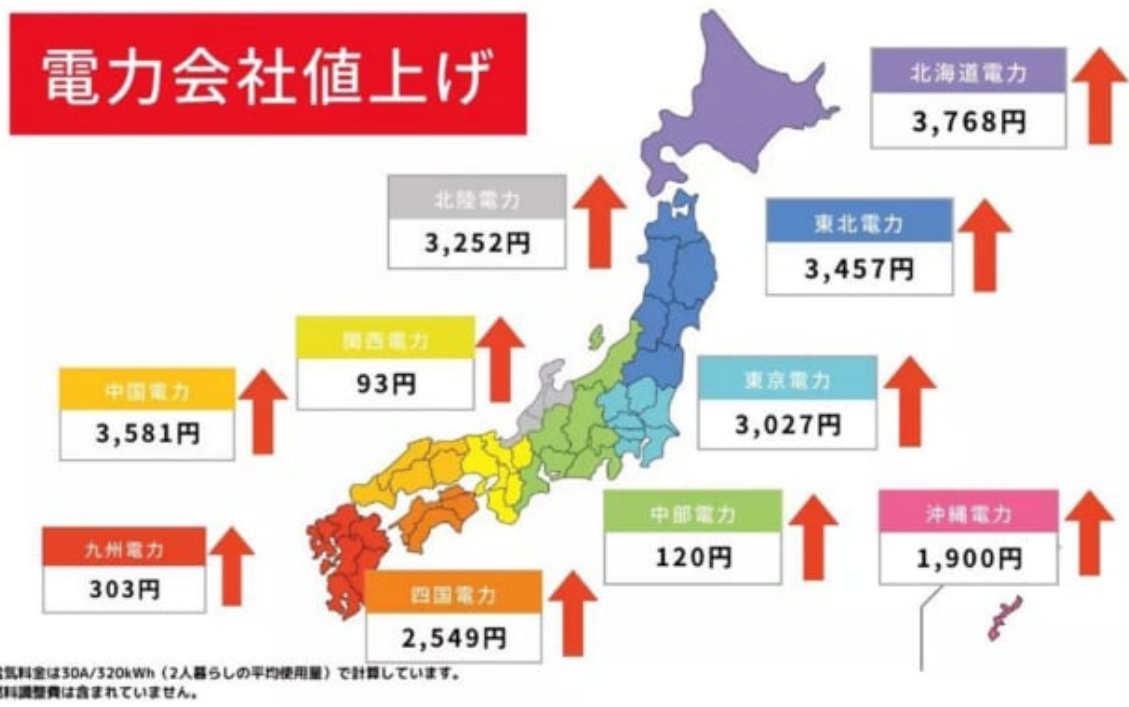
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Posted in ??????????, ?? | [No Comments »](#)

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?? ?? · Friday, November 8th, 2024

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- GHGs
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????????G7?G20?BRICS???????

?? ? · Wednesday, November 6th, 2024



Heiness/iStock

11?11??22????????????COP29??????

COP29????????????????????????????????1000????????????????????????????NQC????????????????????
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Posted in ?????????, ??, ??? | No Comments »

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?? ? · Sunday, November 3rd, 2024



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Posted in ???, ????? | No Comments »

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?? ?? · Thursday, October 31st, 2024



ChrisSteer/iStock

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(ver.2.5)????????????????????????????????

第1部 算定の基本的考え方

5.4 算定方法概要

事業者がサプライチェーン排出量を把握する方法としては、主に以下の2通りの方法があります。

<算定方法>

- ①関係する取引先から排出量の提供を受ける方法
- ②「排出量 = 活動量 × 排出原単位」という算定式を用いて算定する方法

実態に即した排出量の正確な把握やサプライヤーと連携した排出量の管理という観点からは、取引先から排出量の提供を受けることが望ましいですが、現実的には難しい場合があります。このため、本ガイドラインにおいては、データの入手可能性等を考慮し、主に、算定方法②の「排出量 = 活動量 × 排出原単位」により算定する方法について記載しています。

?? (ver.2.5)?I-17???

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ESG?SDGs?2021??
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Posted in ??????????, ???, ??? | No Comments »

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?? ?? · Friday, October 25th, 2024



ESG評価の欺瞞

同業のA社とB社。どちらがESG投資対象となるでしょうか？

A社

- ・年間CO₂排出量：10万トン
- ・従業員数：1万人
- 一人当たり年間CO₂排出量：10トン

B社

- ・年間CO₂排出量：100万トン
- ・従業員数：20万人
- 一人当たり年間CO₂排出量：5トン

???ESG?SDGs???????

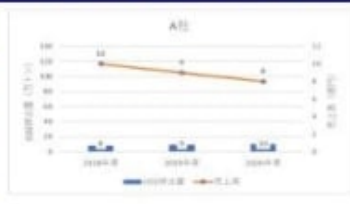
ESG評価の欺瞞

同業のA社とB社。どちらがESG投資対象となるでしょうか？

A社

年度	CO ₂ 排出量	売上高
2018年度	8万トン	10億円
2019年度	9万トン	9億円
2020年度	10万トン	8億円

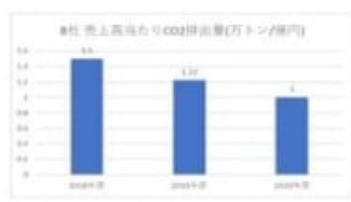
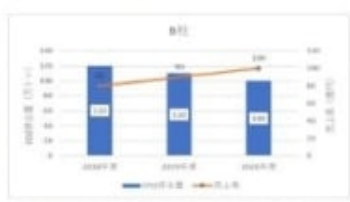
CO₂の絶対量は少ないが、**環境効率が悪化**



B社

年度	CO ₂ 排出量	売上高
2018年度	120万トン	80億円
2019年度	110万トン	90億円
2020年度	100万トン	100億円

CO₂の絶対量は多いが、**環境効率が向上**



私がESG投資家の立場であれば評価は不可能。さらに、ここでは同じ業種としたが、別の業種(製造業と小売業、サービス業など)の場合や、立地地域/国によって電力のCO₂排出係数が異なる場合など、現実の企業間比較ではますます複雑な条件が重なる。この問いに答えてくれたESGの専門家は無。

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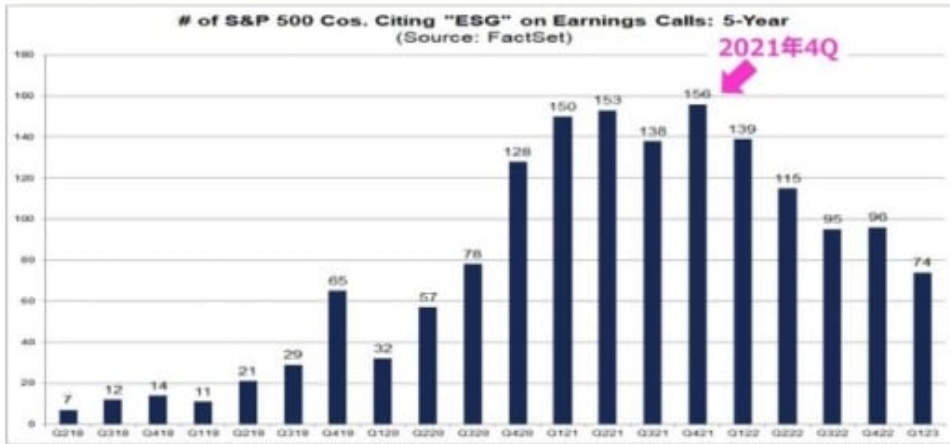
ESG????????????????????????????????????CO2????????????????????????????????????
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?????GFANZ?Ceres?As You Sow?Arjuna?BlackRock?State
Street?Vanguard?ISS?Glass Lewis????????????????????

ESGブームの終焉

決算説明会で「ESG」という言葉を用いたS&P500企業の数



出典：FACTSET
<https://insight.factset.com/lowest-number-of-sp-500-companies-citing-esg-on-earnings-calls-since-q2-2020>

??ESG?SDGs??????

ESG???2021??????2022????????2021??
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Posted in ??????????, ??, ??? | No Comments »

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?? ?? ? - Thursday, October 24th, 2024



slexp880/iStock

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Posted in ???, ?? | No Comments »

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?? ?? · Tuesday, October 22nd, 2024



HUNG CHIN LIU/iStock

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Figure 1: Taiwan's Energy Supply in 2022, Bureau of Energy, Ministry of Economic Affairs (MOEA)

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???The Resilience of Taiwan's Energy and Food Systems to Blockade

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

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?? ?? · Friday, October 18th, 2024



Angela Chestnova/iStock

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

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?? ?? · Tuesday, October 15th, 2024



trendobjects/iStock

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?Role of Humans in the Global Water Cycle and Impacts on Climate Change

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?Global Warming and Anthropogenic Emissions of Water Vapor

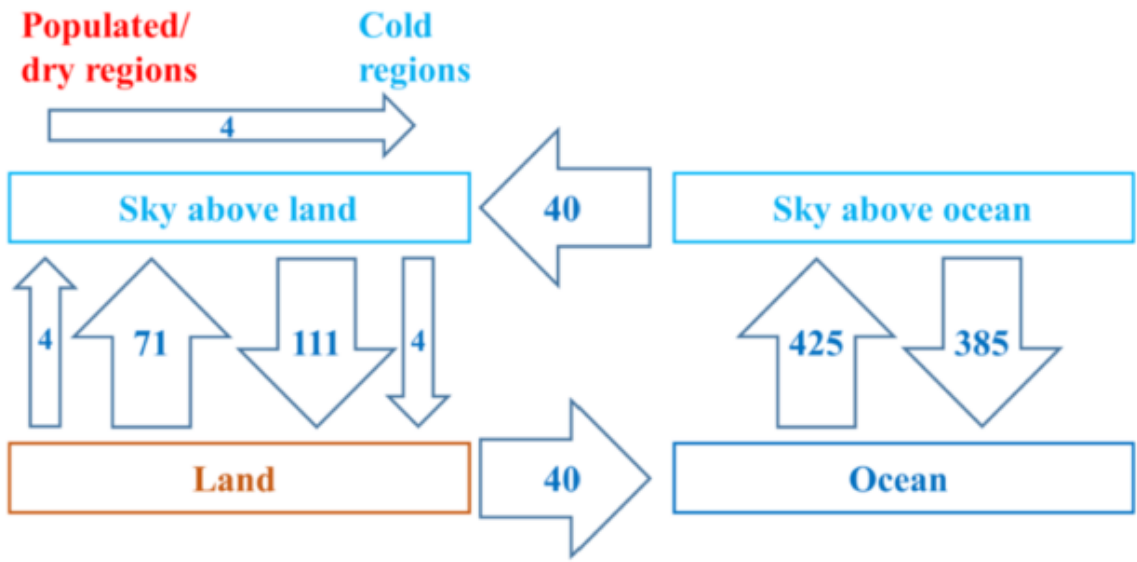
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Posted in ???, ????? | No Comments »

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?? ?? · Friday, October 11th, 2024



da-kuk/iStock

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

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GEPR??? · Friday, October 11th, 2024



eyegelb/iStock

????????????????JoNova????????????????????????????????80%????????????
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Australian grid risks an overload at lunchtime as solar power floods the system

JoNova??

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Market??



This map was created by Geoscience Australia on: Thursday, 23 February 2017

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

Australia’s Electricity Transmission Lines – Geoscience Australia

?NEM????2022????????3,758?KW? ?????????70????????????????????????????????
10?KW????20?KWh? ?????????????AEMO?Australian Energy Market
Operator????????????????????????????????????

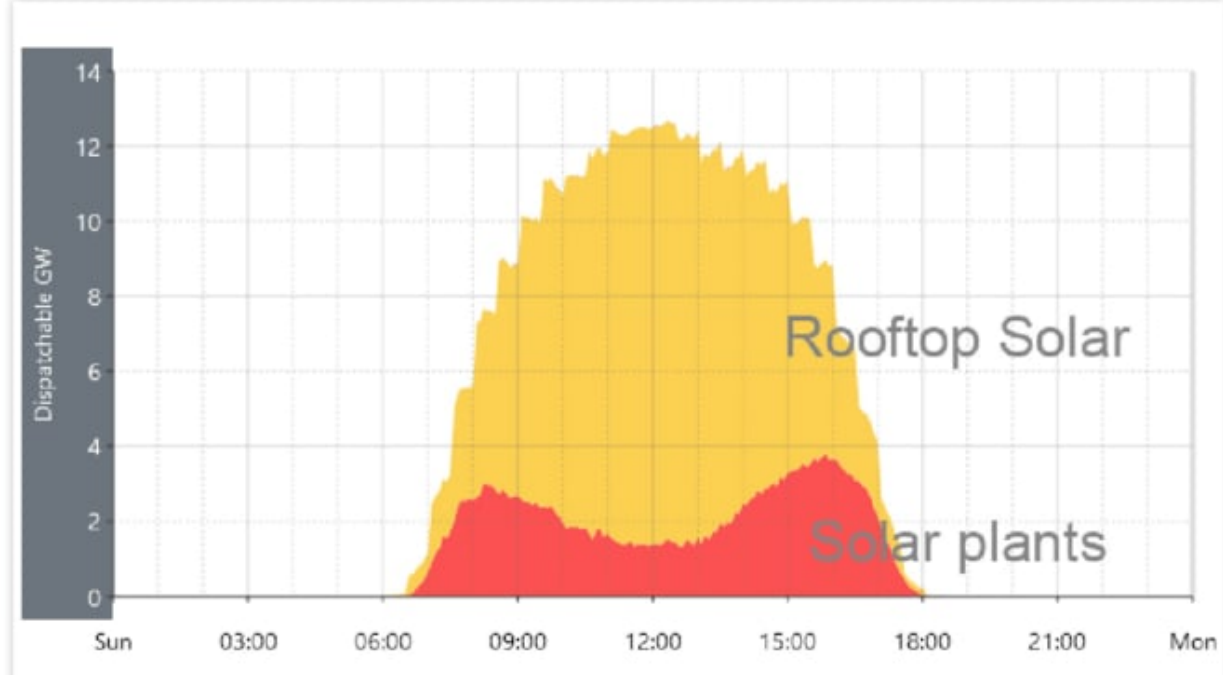
Quarterly Energy Dynamics Q3 2023 AEMO Australian Energy Market Operator

2024 9 5 80

Random power glut means 80% of solar plant output was thrown away on Sunday

2024 9 1 NEM Rooftop Solar plants

Energy Production by Source During 1 September 2024

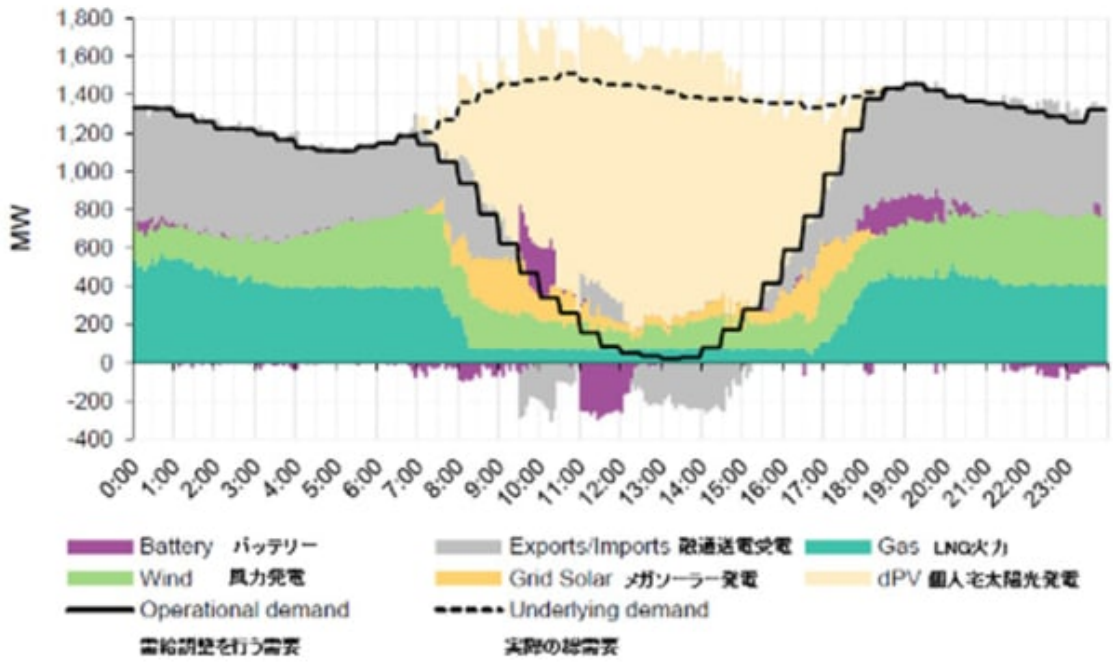


2024 9 1 JoNova

12:00

AEMO 3

South Australia demand (line) and generation by fuel type – 16 September 2023



2023年9月16日
 AEMO Quarterly Energy Dynamics Q3 2023

2023年9月16日 NEM

dPV Rooftop

Grid Solar 9:00 16:00 12:00 14:00

Underlying demand

Operational demand

Operational =

1

1

1

Cumulative installed rooftop solar capacity (kW)



Source: Australian PV Institute / [Get the data](#)

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

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?? ?? · Monday, October 7th, 2024

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The slide contains the following text:

- ルールを守る 日本を守る
- 国民を守る 地方を守る
- 若者・女性の機会を守る
- 激変する安全保障環境から日本を守り抜く
- 物価に負けない賃上げ
- 地方創生の交付金倍増を目指す など

The photo shows a man with glasses, wearing a dark suit, white shirt, and blue striped tie, speaking into a microphone at a podium with ornate woodwork.

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Posted in ???, ?? | No Comments »

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?? ?? · Sunday, October 6th, 2024

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?SDGs????????

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

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?? ? · Friday, October 4th, 2024



CRSHELARE/iStock

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- 19 1850 2019 CO2 68% 81 CO2 32
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- 2010 19 6 6.3 EU 0.3 12
- COP28 2023 26 GW 3 0.4 EU 1,565 GW 538 GW 3 3 1
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Posted in ??????????, ??, ???? | No Comments »

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?? ?? · Thursday, October 3rd, 2024



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Posted in ???, ?? | No Comments »

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?? ?? · Monday, September 30th, 2024



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<https://agora-web.jp/archives/240901014900.html>

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石破茂・新総裁は こんな人

趣味は料理、読書。
特にカレー作りに
自信あり

国民を信じ、勇気と
真心をもって真実を語り、
日本をもう一度、
安全で安心な国に

家族は妻と娘2人

67歳
(1957年2月4日)
生まれ

座右の銘は
「至誠の人、真の勇者」

鳥取県八頭町
(旧郡家町)出身

「首相になってから
「不勉強でした」では済まされない」と、
議員会館の執務室には
いつも書籍が山積み

1986年の
初当選当時は全国
最年少衆院議員

「軍事オタク」
「鉄道オタク」の一面も。
子どもの頃は「車掌さん」に
なりたかった



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

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GEPR??? · Sunday, September 29th, 2024



bombermoon/iStock

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1. ??????????OCCTO????????????

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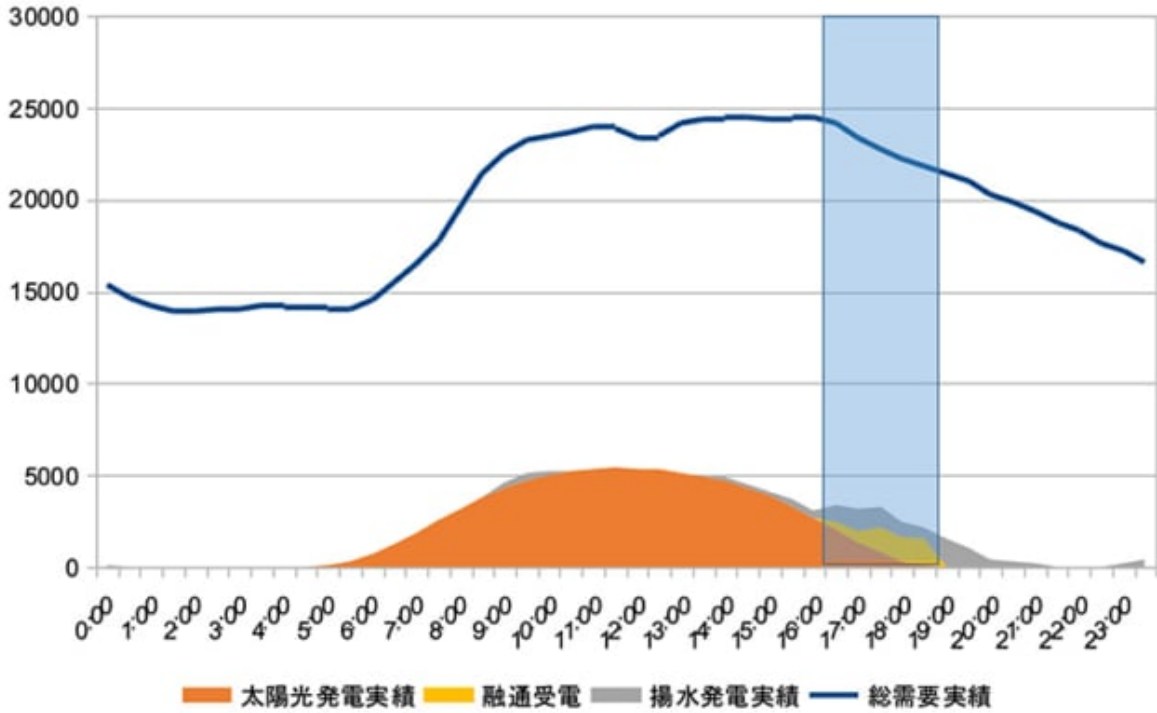
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20240705 関西電力総需要と太陽光発電実績



20240705

16:30-18:00

17:30-19:00

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OCCTO

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JERA

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1966????1990??

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?? ??? ?? · Saturday, September 28th, 2024



HUNG CHIN LIU/iStock

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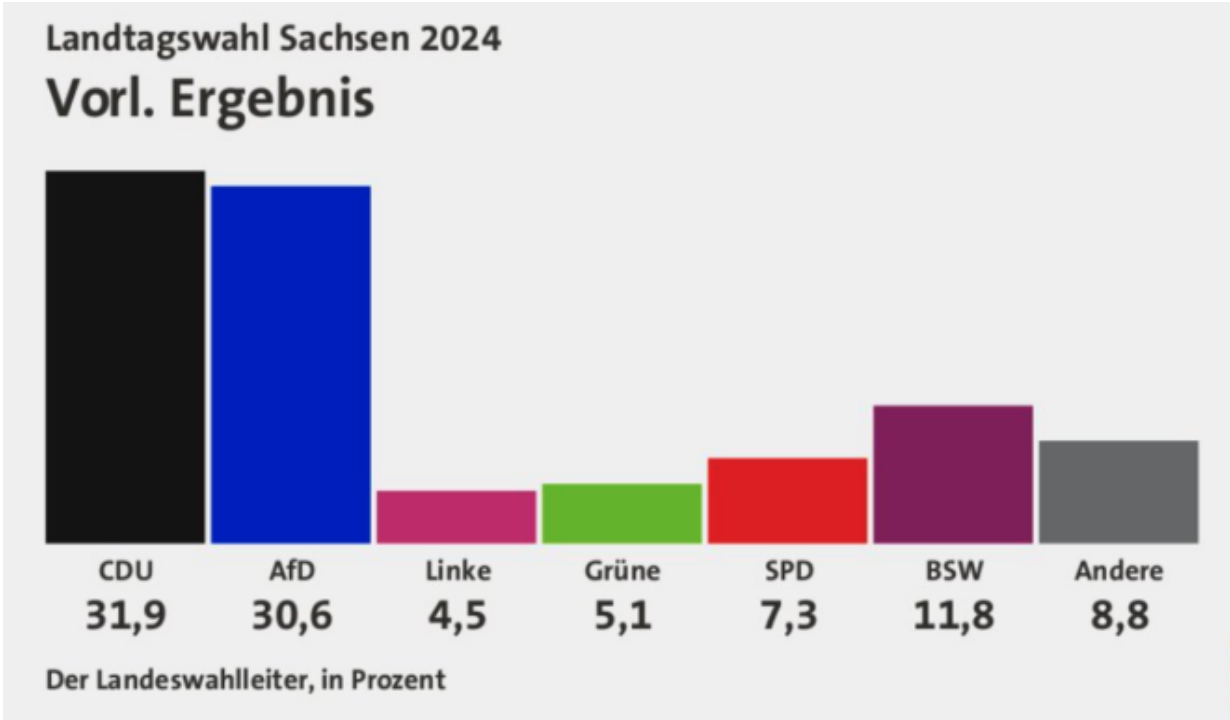
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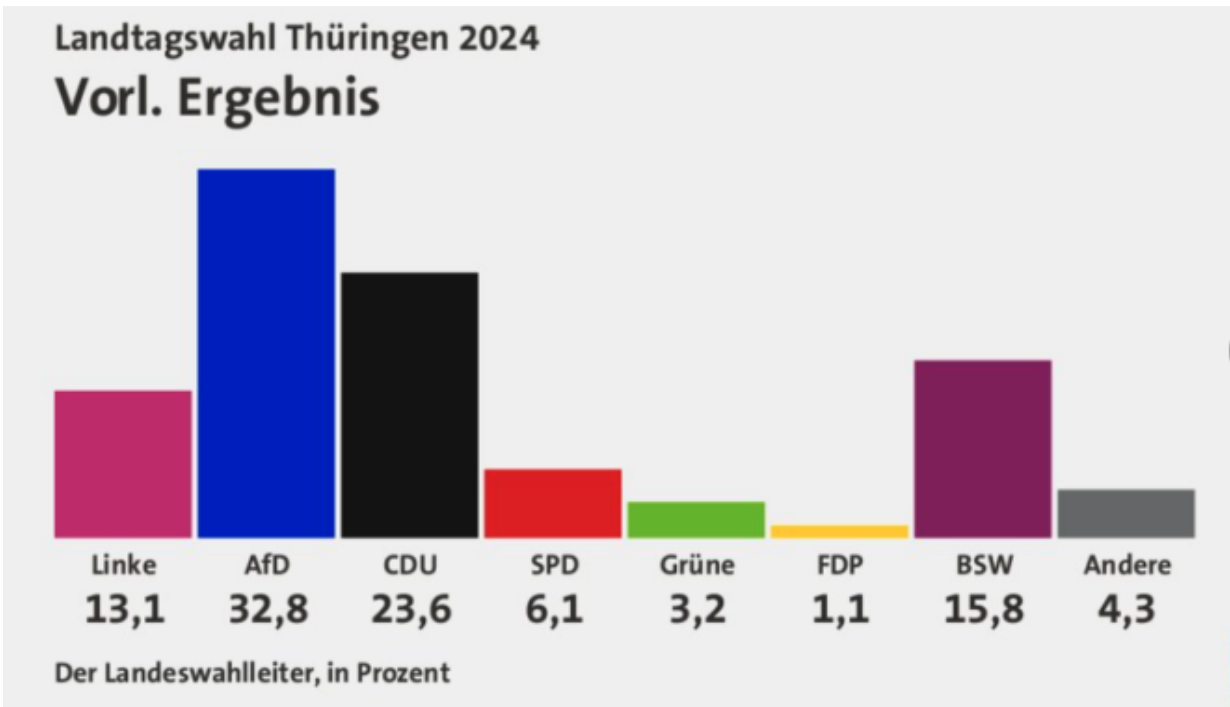
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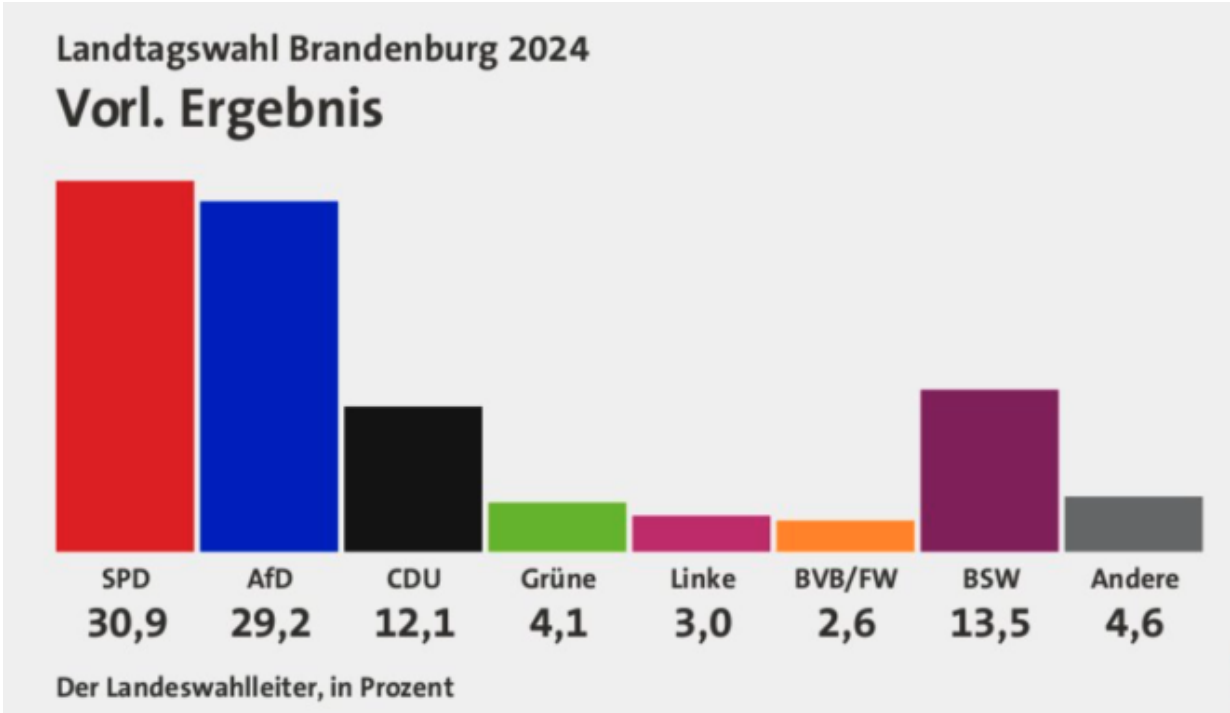
????9?1????????????????????1.3????????????CDU????AfD????1????
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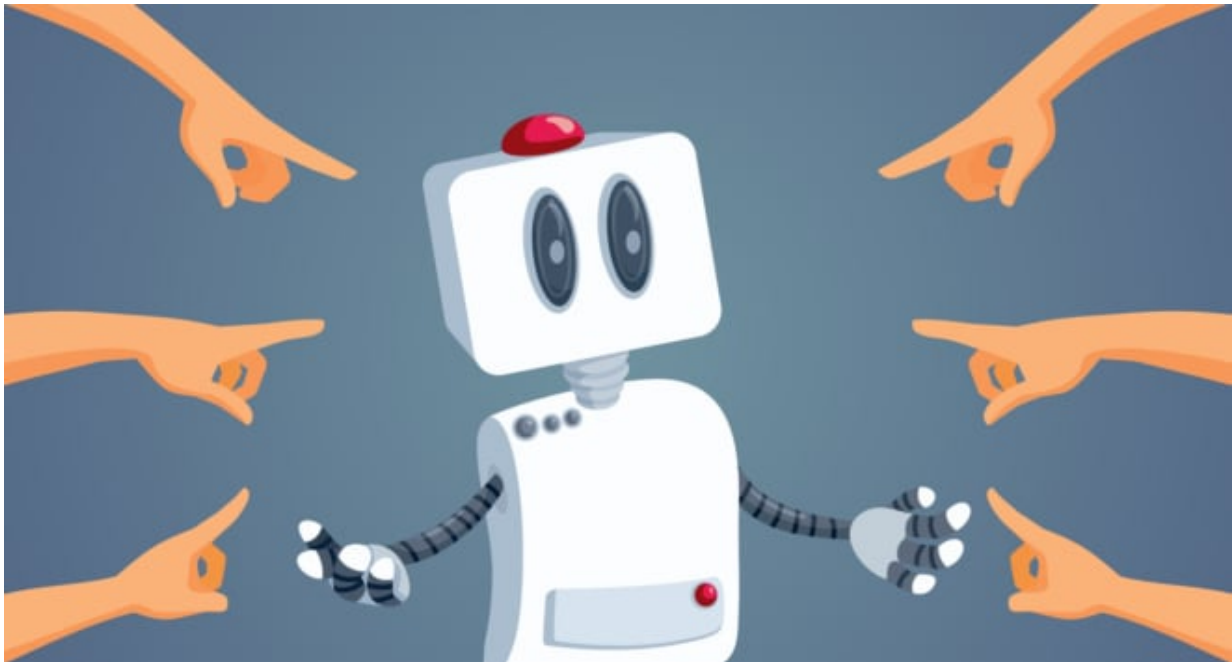
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?? ?? · Saturday, September 28th, 2024



nicoletaionescu/iStock

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Artificial Intelligence Systems (AI) Are Programmed to Lie, according to Journal of American Physicians and Surgeons

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 zhenfish/iStock

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CUHRIG/iStock

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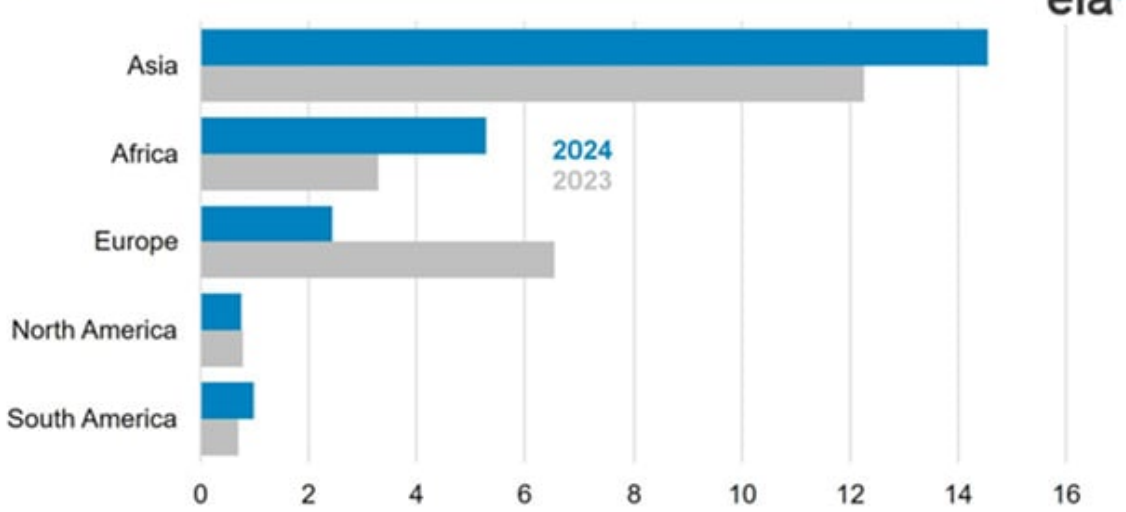
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202024

65024067410

19400

U.S. thermal coal exports (first half of 2023 and first half of 2024)
million short tons



出典：Today in Energy, US EIA September 4, 2024

図 米国の燃料炭地域別輸出量（23年・24年上半期）単位百万ST

EU COP28 G7 G20

4000 5000

CO2

EIA COP COP²² COP27 COP22 COP7 CO2 COP²² 2 500

CO2 COP A

93 EIA³³ LNG 10 2028 24 114 Bcf/d 24 4 Bcf/d 2

2028 CO2 2030

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?1?U.S. thermal coal exports to Asia and Africa surge as shipments to Europe fall
?2??????COP??
?3?North America's LNG export capacity is on track to more than double by 2028

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