

Global Energy Policy Research | GEPR

GEPR<http://agorajp.com/>
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?GX????????????????????

?? ?? · Thursday, November 3rd, 2022



bee32/iStock

??????GX????10?26????????10???150????????????

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?? ?? · Monday, October 31st, 2022

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兵研施設で技術者らと言葉を交わす金正恩・朝鮮労働党委員長。写真はKCNAが2016年3月配信。

©?Reuters

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????????COP27

?? ? · Sunday, October 30th, 2022

11??7??18????????????????????COP27????????????1????????????COP????????????17????

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Heiness/iStock

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COP27????????????????????

COP27????????????????????COP26????????????????????COP27????????????????????
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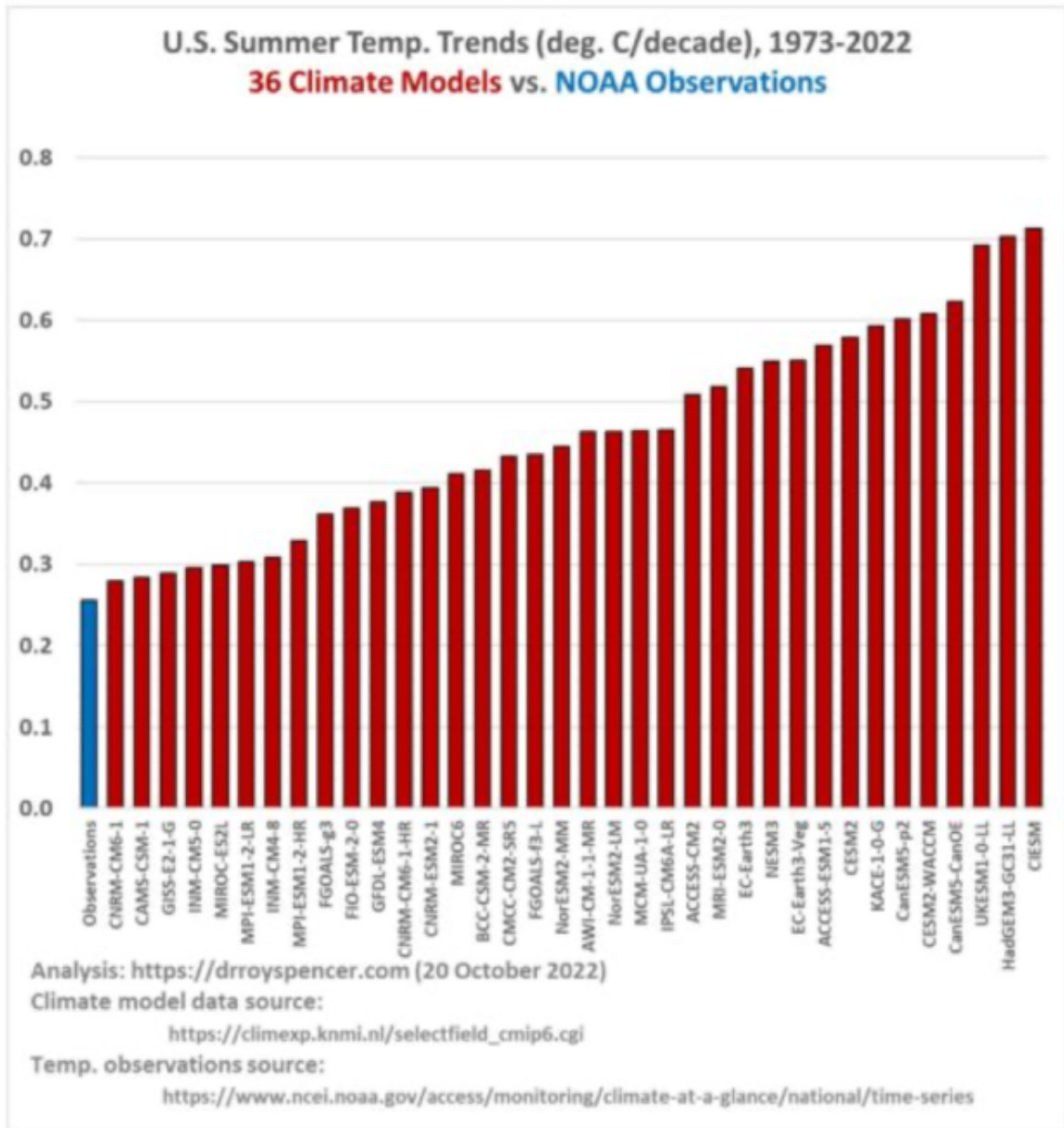
?? ?? · Friday, October 28th, 2022



Tr6/iStock

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Posted in ???, ????? | No Comments »

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

?? ?? · Friday, October 28th, 2022



AleksandrVS/iStock

??21????????????????ESG????????????????????????????

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ESG??The Epoch Times????????????????????????????

??19??????NZBA????????????????????

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10,500????????????39????NZBA????????2050????????????????????????????????????
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Research????????????????????ESG????????????????????????????????????
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ESG Watch: Banks' net-zero pledges in the spotlight at Climate Week New York

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????UBS????????????????????700????585????????

????????BLK????????3????ETF?MMF????8????????BLK????
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AG Paxton Demands BlackRock Account for its Underperforming, Potentially Illegal 'ESG' State Pension Fund Investments

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Governor Ron DeSantis Eliminates ESG Considerations from State Pension Investments

ESG??NZBA????????
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?? ?? · Thursday, October 27th, 2022



RapidEye/iStock

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2020????IPCC????????????????2.5????4??

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2050???????????????????? ?
GEPR??? · Monday, October 24th, 2022

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Parradee Kietsirikul/iStock

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2021??GHG????????????????IEA??2050??????

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50????GHG??

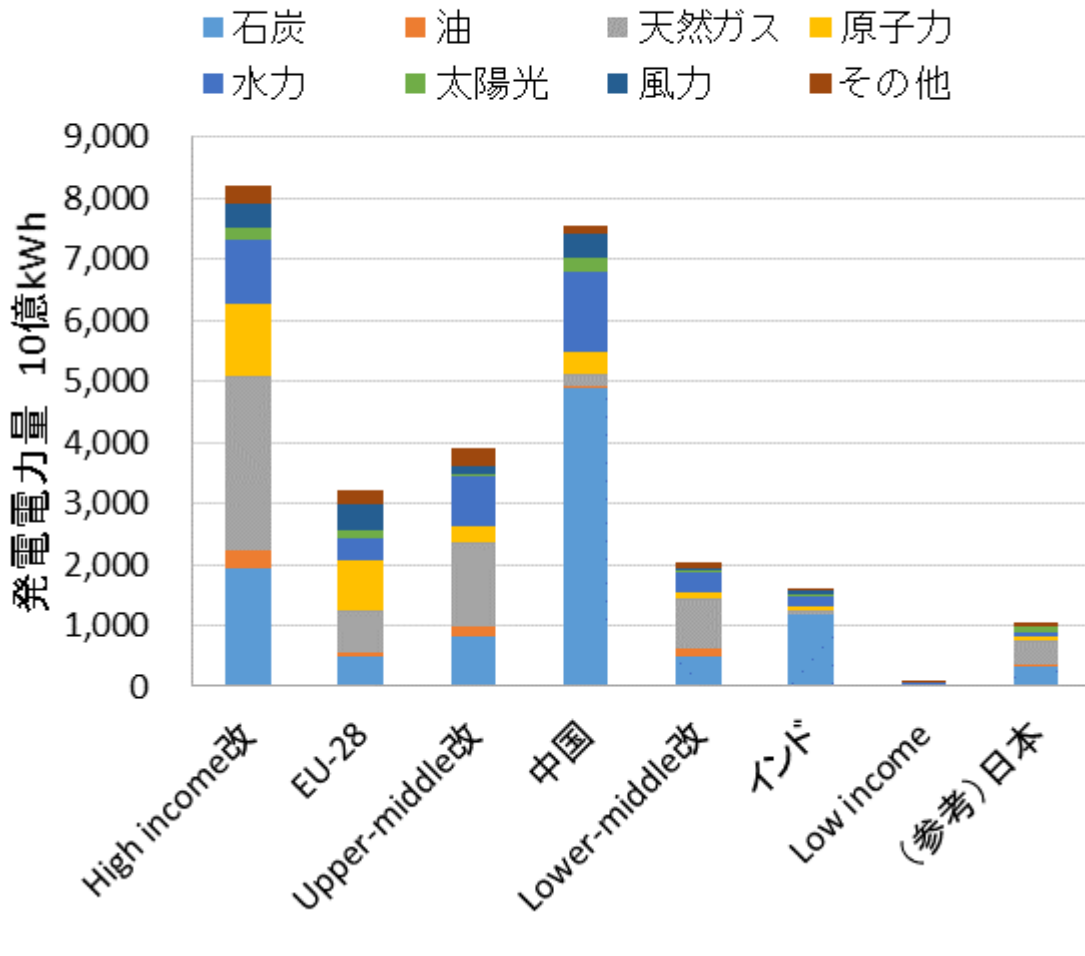
????2050?????????????????? ??

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GHG??-6
?2019??IEA????????????????????????????
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図-6 発電電力量(2019年)

出所:IEAデータベース



26

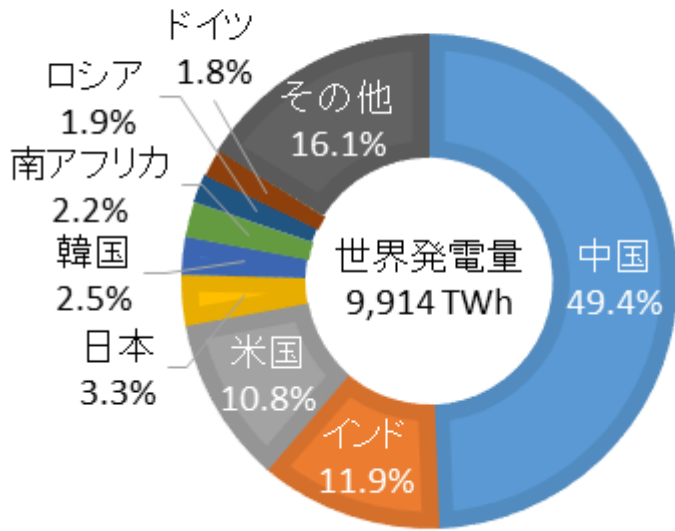
?-6????1????????????????65% ???-2?????????G
HG??

??73% ???2023??
??2019?????GHG????????????????????3?????????GHG????????????????????
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GHG??-7??GHG????????????????
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図-7 世界の石炭火力(2019年)

出所: IEAデータ



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????????31.5%????????1970??
??GHG????????????????????????????????EU-28????????15.
4%????????????

EU-28????25%?EU????????14%????????????????????BRICs????????????????????
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??GHG????????EU????????????

表-2 太陽光発電と風力発電の総電力量比 %

グループ	太陽光発電	風力発電	合計
High income改	2.6	4.6	7.2
Upper-meddle income改	1.0	3.0	4.1
Lower-middle income改	0.8	1.0	1.8
Low income	0.8	0.6	1.4
EU-28	4.1	13.4	17.5
中国	3.0	5.4	8.4
インド	3.1	4.3	7.4
(参考)日本	6.6	0.7	7.3

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9% High income-6GHG

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GHG capacity factor

EU-27 30-35%

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2% 20-30%

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GHG Upper-middle income Lower-middle income

GHG????CO2????CCS????????????????????CCS????????????????????
???GHG?
??CCS????????????????

??2050????????????2080??2100????????????????

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GHG?????????????????????????????????????GHG????1%?????????????GHG????????????????
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2050?????????????????????

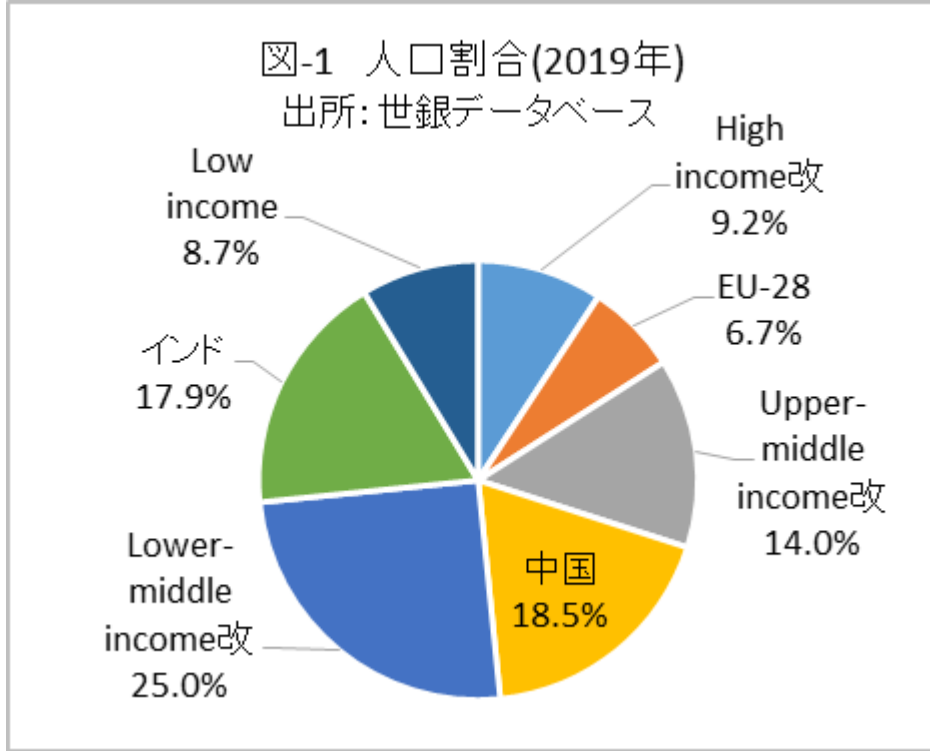
GEPR??? · Sunday, October 23rd, 2022

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?????EU-28????????High income????????High income????????Upper-middle income?Lower-middle income????????

?????EU-28???High income????????Upper-middle income?Lower-middle income?????Low income????????

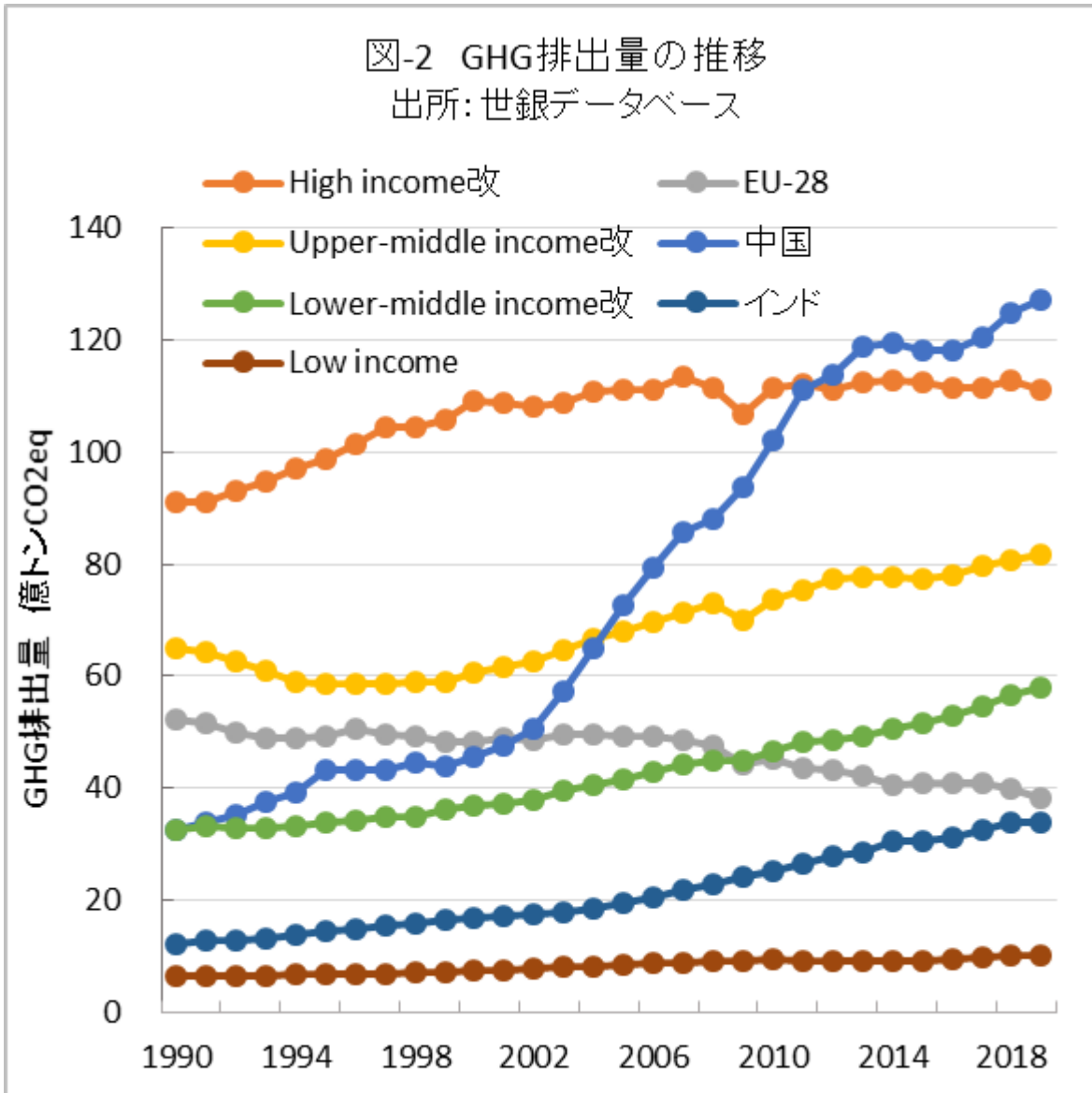
?-1?????2019????????16%?????



?1

?GHG????2/3?????

?-2?????GHG?????????GHG?????????EU-28?GHG?????????High income??2010????????

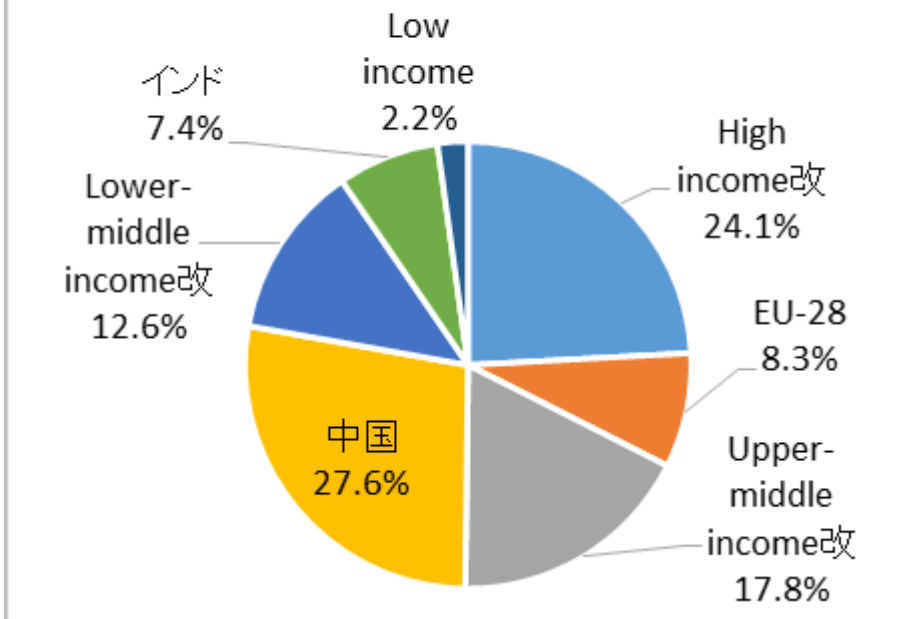


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?-3?2019??GHG????????????????????1/3????????????????2/3????????????????GHG????????????2%??
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図-3 GHG排出量割合(2019年)

出所: 世銀データベース



23

2050??GHG??????EU-28?GHG????????????GHG??
 ?GHG????????EU????????????????????????GHG????????????????????????EU?????
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High
 income???2019?GHG??90%?????
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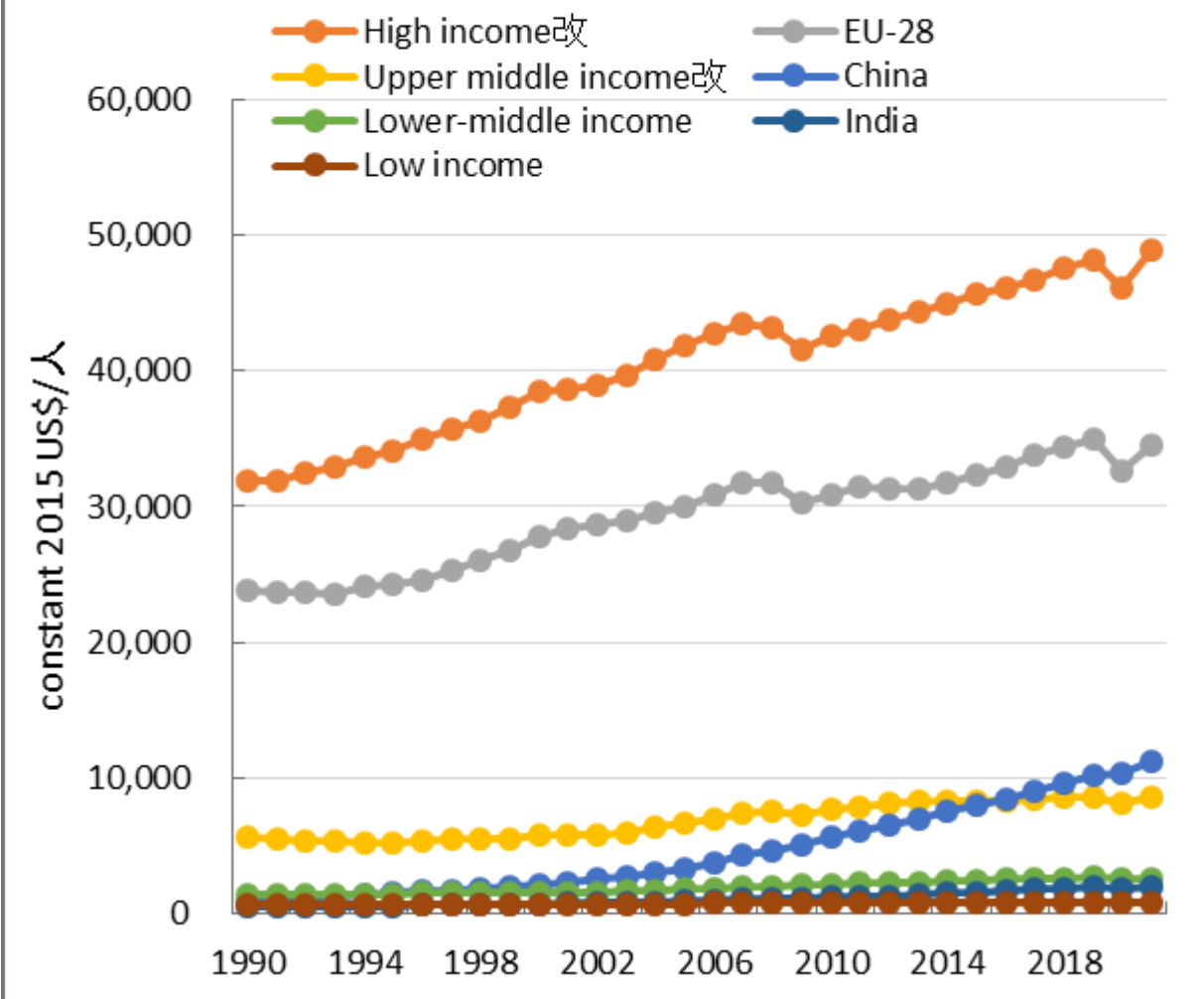
?GHG????????????

2050?????GHG??

?-4??1?????GDP????????????-1?????????GNI????????????????????????????????????GDP?????G
 DP?GNI????????????????????????GDP?GHG????????????????????1????????????????

図-4 人口1人当り実質GDP

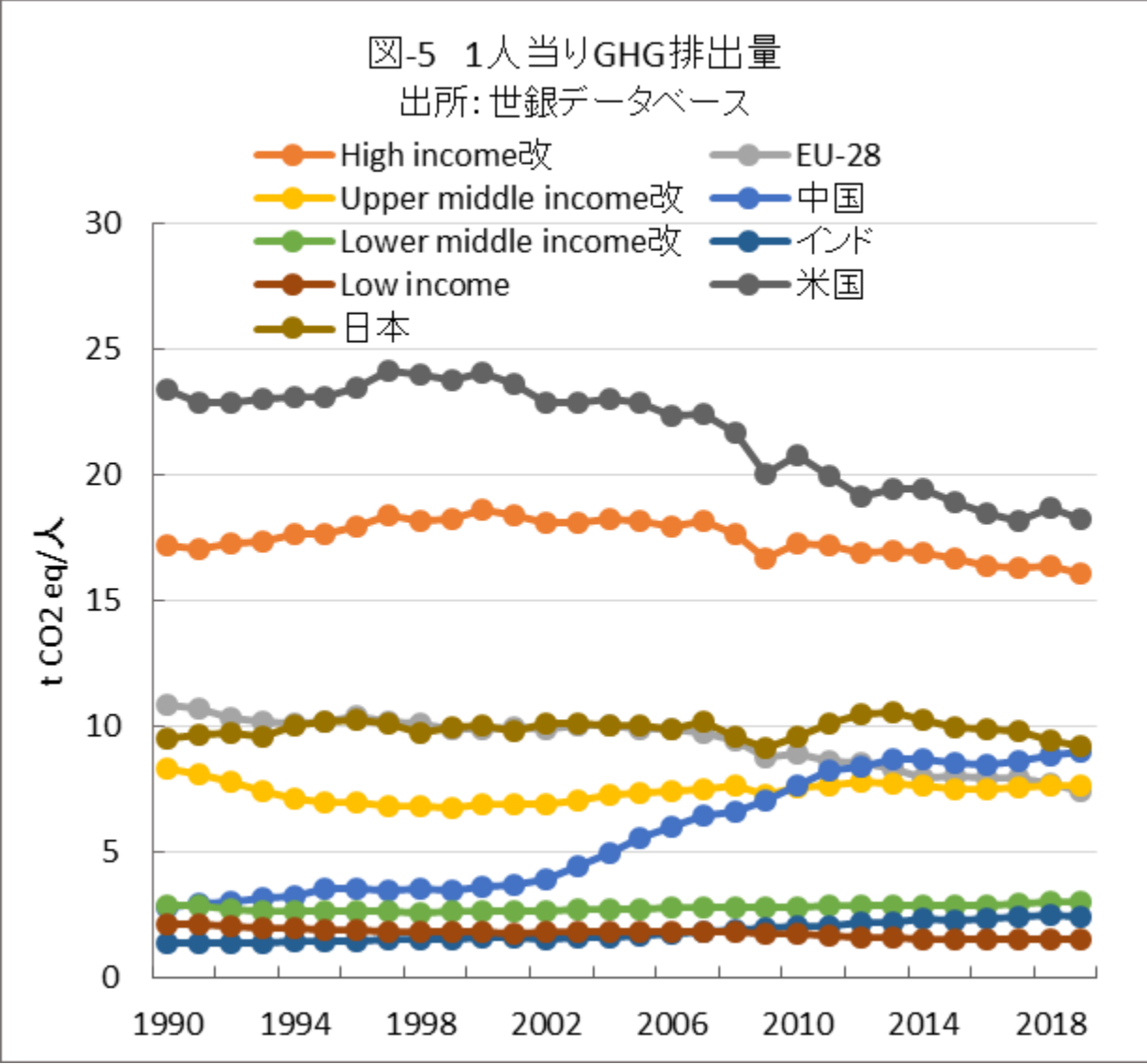
出所：世銀データベース



24

???????????1??GDP??

?-5??1?????GHG???



25

GHG????????EU????2019??1????????????Upper-middle
income?EU-28????????????1990???GHG????????????????????EU-28???High
income??GHG?????2????????????????Lower-middle
income????????????GHG????????????????????

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1980??COP26????
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????????GHG????2/3????????????2050????GHG????????????????GHG????????????????????
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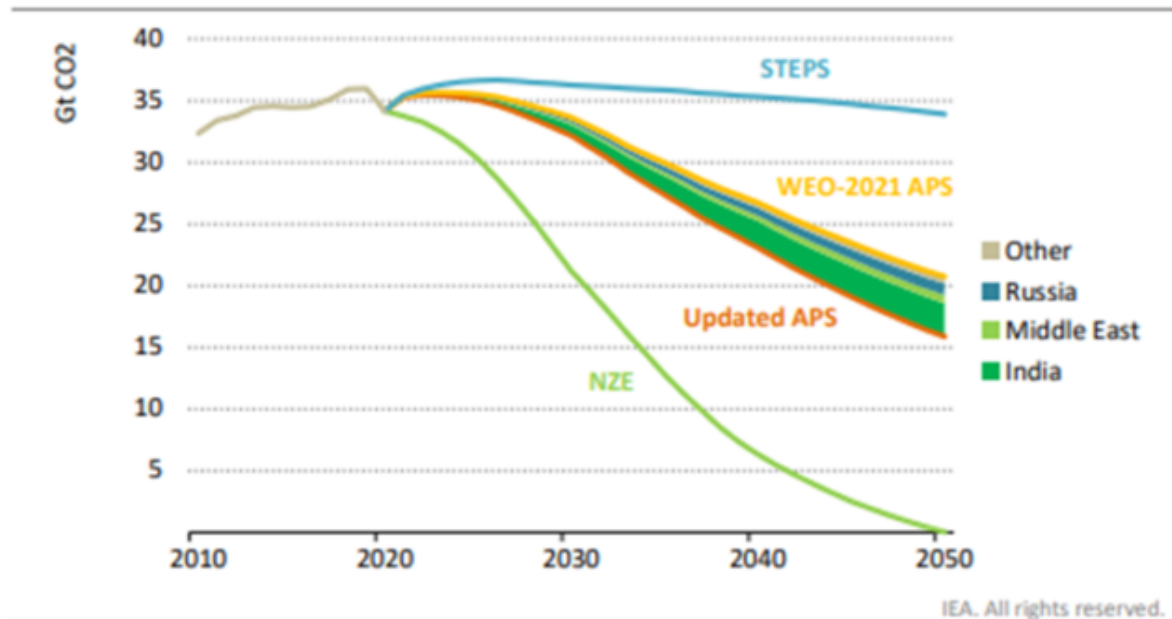
IEA??2050??CO2??????

??????????IEA??2021?11??Figure
1.1??2050????????CO2????????APS????????????????????GHG????????????????NDCs??
2050????????????????????????????

WEO-2021 APS?2021?5????????????????????????????Updated
APS?2021?10??GHG??CO2????????????
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????STEPS?NDCs??NZE?IEA?202
1?5??????2050????????????????

Figure 1.1 ▶ CO₂ emissions in the WEO-2021 scenarios and emissions reductions from recent pledges



IEA. All rights reserved.

Note: Other = net zero pledge by Australia and commitment to the Global Coal to Clean Power Transition Statement by Indonesia. Middle East = net zero pledges by Saudi Arabia and the United Arab Emirates.

Updated APS CO2 2020 35 Gt CO2 2050 16 Gt CO2 55% STEPS 2020 35 Gt CO2 2050 20 Gt CO2

2050 IEA GHG 2050 GHG

2050 GHG GHG

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“We own the science”

?? ?? · Friday, October 21st, 2022



LewisTsePuiLung/iStock

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NEW – UN Secretary for Global Comms says they "own the science" on "climate change," and opposing viewpoints have now been pushed down in search results through their partnership with Google.
pic.twitter.com/fMaPYsHGUT

— Disclose.tv (@disclosetv) October 2, 2022

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Disinformation??COVID-19????????????????????????????????
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You Tube??TikTok?????????Team
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ESG????????3E?S????????????

?? ?? · Thursday, October 20th, 2022



ipopba/iStock

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ESG??



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NZAOA???



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ESG??
COP26??



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GFANZ??
JP??

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35??ESG??

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??World Energy Investment 2022, IEA

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??IEA????????Net Zero by 2050????????2050????????????????????????????????1.5????????????????????????????????
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2021??STEPS????????2030????????????????
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?? ?? · Thursday, October 20th, 2022



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MadamLead/iStock

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COP26??

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Reuters????????????????????????????????????Africa Oil Week 2022 Conference????????????????

- ?????????????????????COP27??
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2021?4????????????????????????????????????COP26????UNFCCC Race to Zero????????????????????????????????????GFANZ????????

GFANZ????????45????????500????????????????????GFANZ????????????????Race to Zero????????????????

????COP27????GFANZ????????????????????????

??Climate Change Dispatch????????????JPMorgan Chase, Morgan Stanley, Bank of America????????????????????????????????GFANZ????????????????????????????????

U.S. Banks Threaten To End Support For UN Climate Edicts Over Legal Risks – Climate Change Dispatch

?GFANZ??GFANZ????????????????

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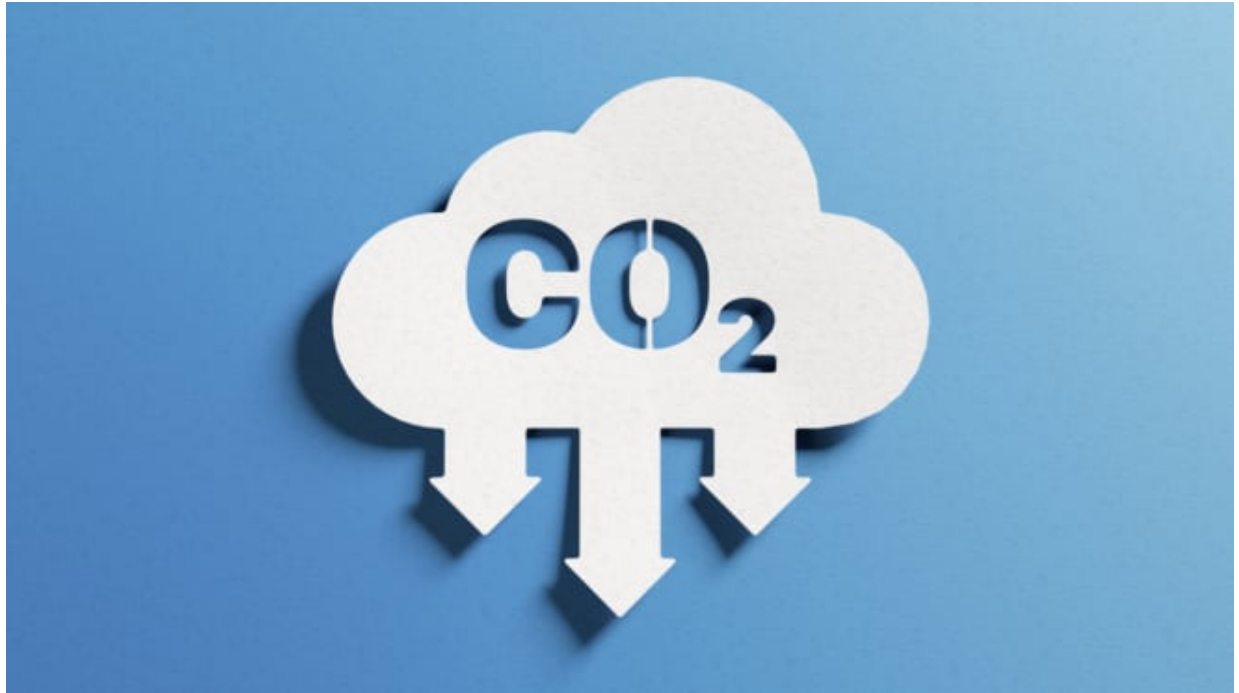
‘Road to hell for America’: JP Morgan CEO snaps back at Rep. Tlaib on fossil fuels

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?? ?? · Tuesday, October 11th, 2022

??2030????CO2????????????????????????
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NicoElNino/iStock

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????2030????CO2????2000??2000????????CO2????5775????
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1. 2000????2030???CO2????????????????????????????2030????????????????????????CO2????????????????????????
2000????2030????????????????????????????????
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- ????????CO2????5775??×31×3÷4=13.4????
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 2. ?????4.48×0.5÷10000=0.00022??
 3. 100????100×0.00022×0.06=0.0013??

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- 4.5???
- 0.00022??
- 0.0013??
- ????????CO2????0.5????
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■エネルギー起源CO₂排出量

各部門が、それぞれ現状（2019年）から半減を目指すものとして提示（ただし、現状までに大幅削減の部門は考慮）

(単位：万t-CO₂eq)

	2000年 (基準)	2019年 (現況)		2030年 (目安)			東京都 環境基本計画 (現行) (2000年比)
	排出量	排出量	2000年比	排出量 (目安)	部門別目標 (2000年比)	2019年比	
産業・業務部門	2,727	2,763	1.3%	1,381	約50%程度削減	▲50.0%	20%程度削減
産業部門	679	381	▲43.9%	222		▲41.8%	
業務部門	2,048	2,382	16.3%	1,159	約45%程度削減	▲51.3%	(20%程度削減)
家庭部門	1,283	1,612	25.6%	728	約45%程度削減	▲54.8%	20%程度削減
運輸部門	1,765	940	▲46.7%	612	約65%程度削減	▲34.9%	60%程度削減
エネルギー起源CO ₂ 計	5,775	5,315	▲8.0%	2,721		▲48.8%	

(参考)

廃棄物部門 計	120	190	58.3%	137	2017年比 40%削減 ※1	▲27.9%	
その他ガス (フロン等) 計	325	706	117.2%	252	2014年比 約65%程度削減 ※2	▲64.3%	
温室効果ガス排出量 合計	6,220	6,211	▲0.1%	3,110		▲49.9%	

※ 1 家庭と大規模オフィスビルからの廃プラスチック焼却量の削減目標
 ※ 2 代替フロン (HFCs) の削減目標

2030???????????????????? 2022????

2.

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000GtCO2????1????CO2????????????0.5?????????????

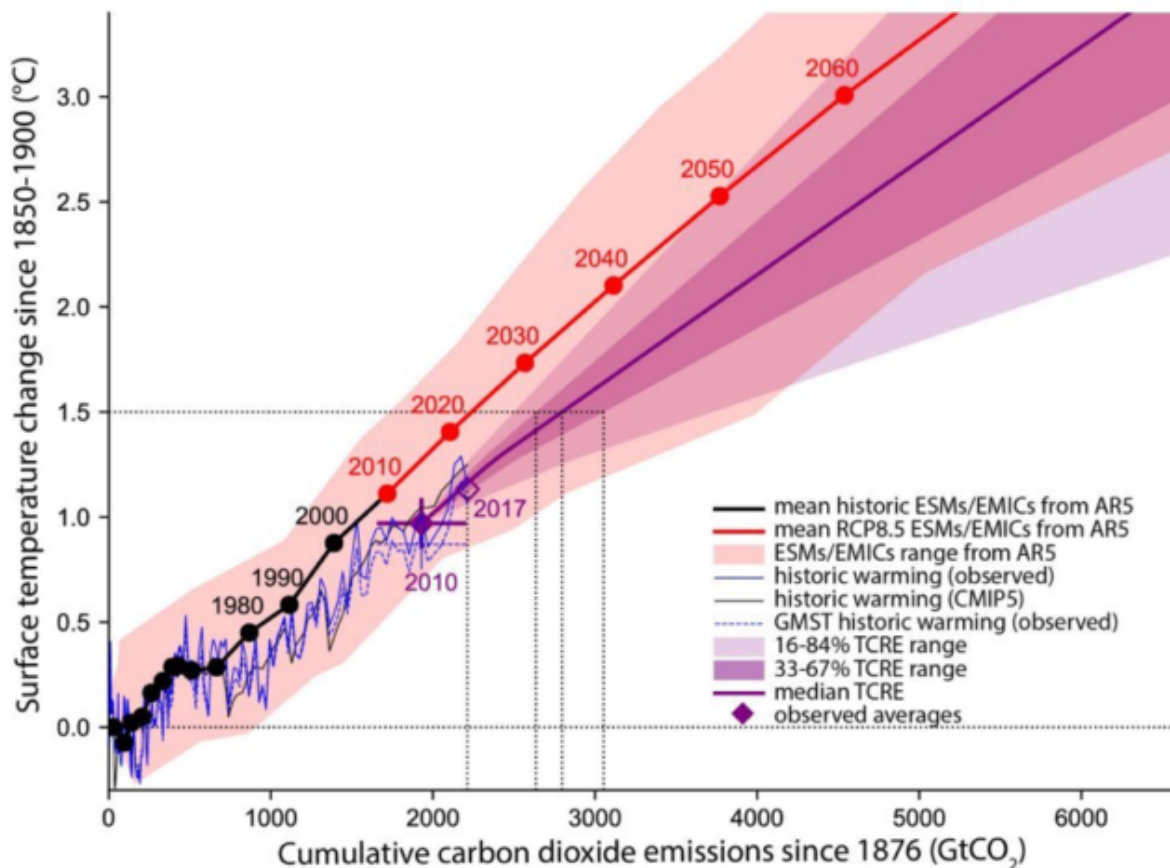


FIGURE 2.3 Temperature changes from 1850–1900 versus cumulative CO₂ emissions since 1st January 1876.

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bee32/iStock

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?? ?? · Tuesday, October 4th, 2022



Daniele Mezzadri/iStock

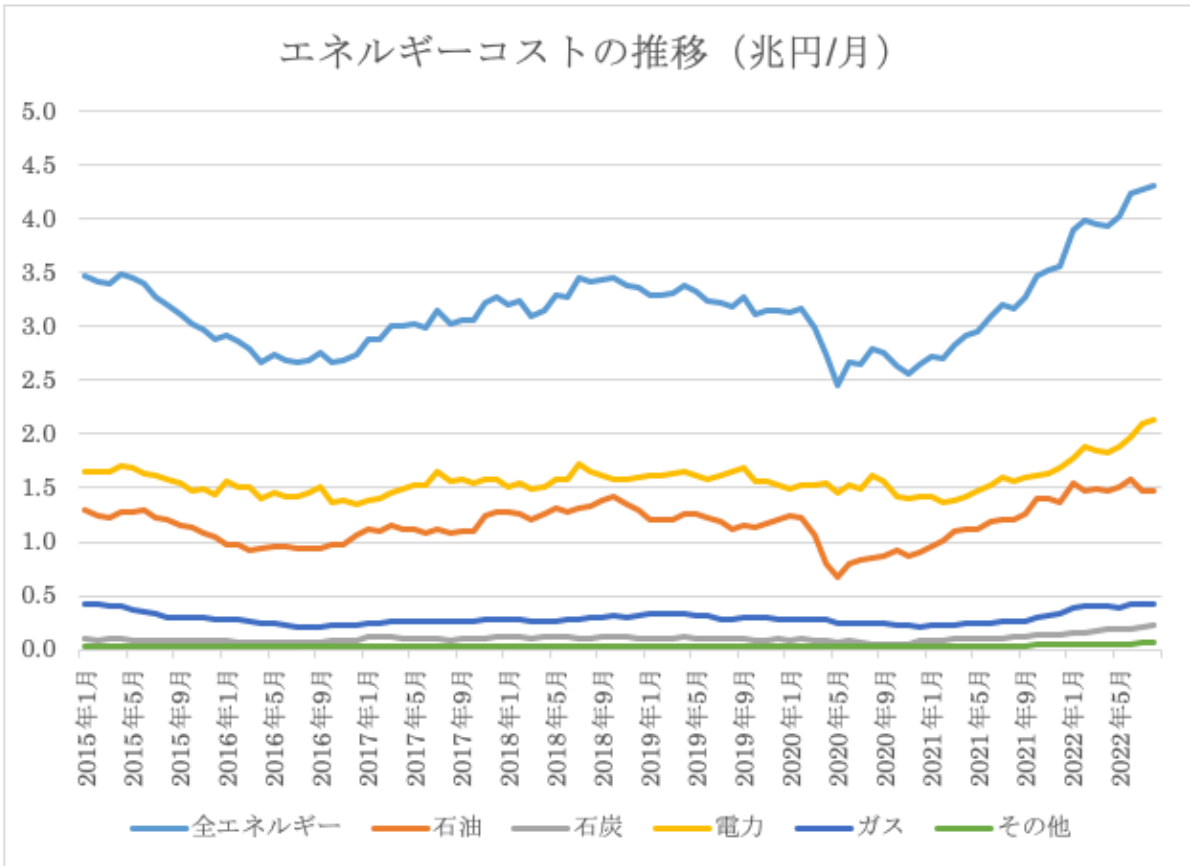
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?? ?? · Monday, October 3rd, 2022



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????????SRZ1200????

?? ?? · Sunday, October 2nd, 2022

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NHK????????????????????????????

?? ?? · Sunday, October 2nd, 2022



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?? ?? · Thursday, September 29th, 2022

2050????????????2030?CO2??ESG????????
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small smiles/iStock

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?? ?? · Saturday, September 24th, 2022



halbergman/iStock

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米インフレ抑制法の気候変動対策支出内訳

(¥140/\$)

	億ドル/10年	億円/10年
グリーン電力投資・生産税控除	1,603	224,420
再エネ	651	
CCS	32	
原子力	300	
技術中立	621	
クリーン燃料税控除	234	32,760
クリーン自動車税控除	155	21,700
自家用車(最大\$7500/台)	89	
商用車	36	
郵便公社	30	
クリーン製造業税控除	403	56,420
多排出事業者向け補助金	95	13,300
建築物クリーン化補助金	453	63,420
農業再エネ化支援	126	17,640
気候対策農業支援	153	21,420
その他	293	41,020
	3,515	492,100

(7月27日CBO分析ベース:成立法とは異なる)

出典:電力中央研究所 上野貴弘氏レポート <https://criepi.denken.or.jp/jp/serc/discussion/22007.html>

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?? ?? · Sunday, September 18th, 2022

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?? ? · Friday, September 16th, 2022



ayhan turan/iStock

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?? ?? · Thursday, September 15th, 2022



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Posted in ???, ?? | No Comments »

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?? ?? · Wednesday, September 14th, 2022

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herraez/iStock

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Posted in ???, ?? | No Comments »

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?? ?? · Saturday, September 10th, 2022

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LumerB/iStock

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ESG
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?? ?? · Friday, September 9th, 2022

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audioundwerbung/iStock

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

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?? ? · Saturday, September 3rd, 2022



ayhan turan/iStock

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