

Global Energy Policy Research | GEPR

GEPR <http://agorajp.com/>

Monday, October 31st, 2022

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© Reuters

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Posted in ???, ?? | No Comments »

???????COP27

?? ? · Sunday, October 30th, 2022

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Heiness/iStock

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REPowerEU?6?G7

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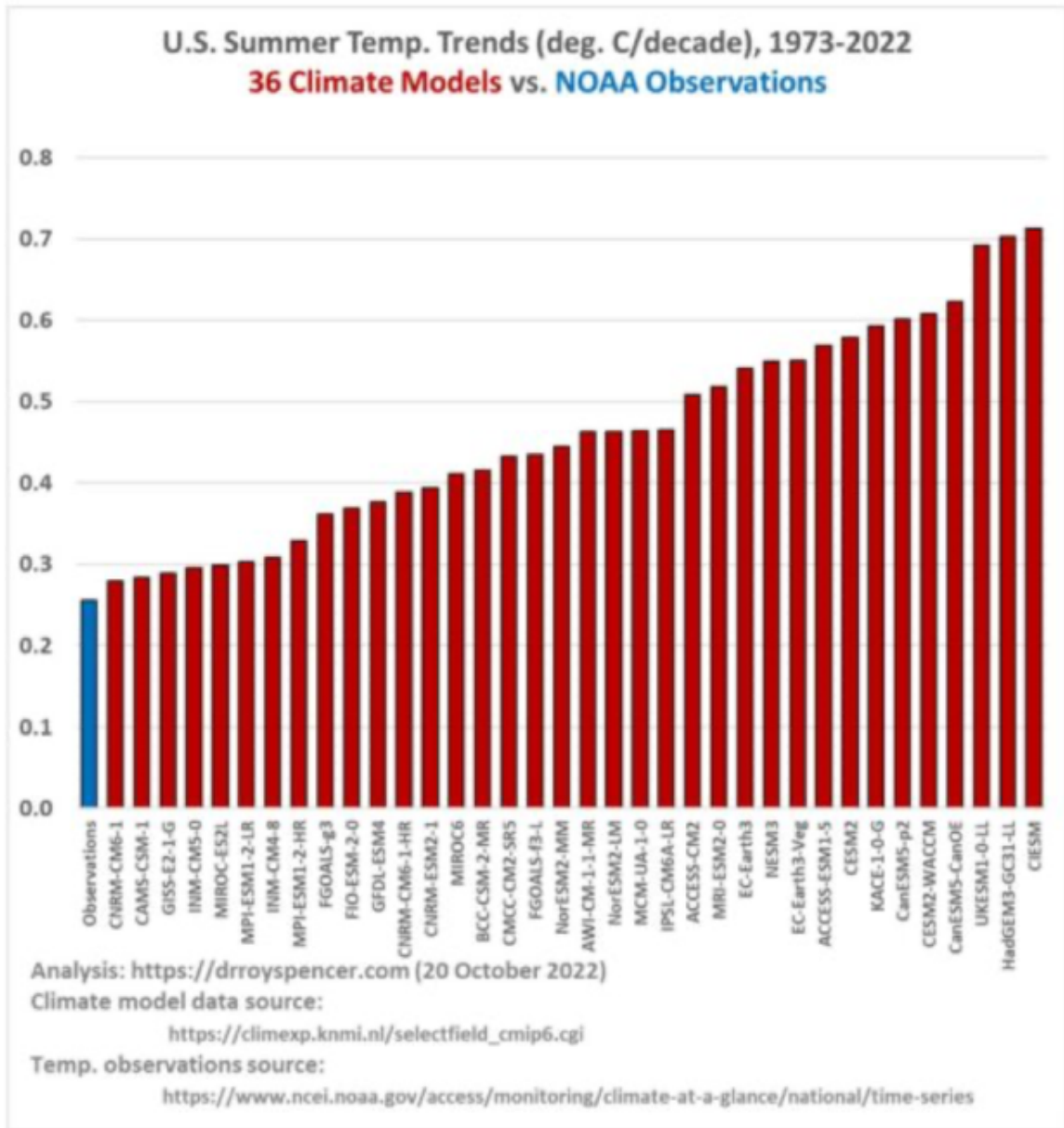
?? ?? · Friday, October 28th, 2022



Tr6/iStock

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Posted in ???, ????? | No Comments »

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

?? ?? · Friday, October 28th, 2022



AleksandrVS/iStock

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

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

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

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

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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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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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Posted in ???, ?? | No Comments »

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?? ?? · Thursday, October 27th, 2022



RapidEye/iStock

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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??

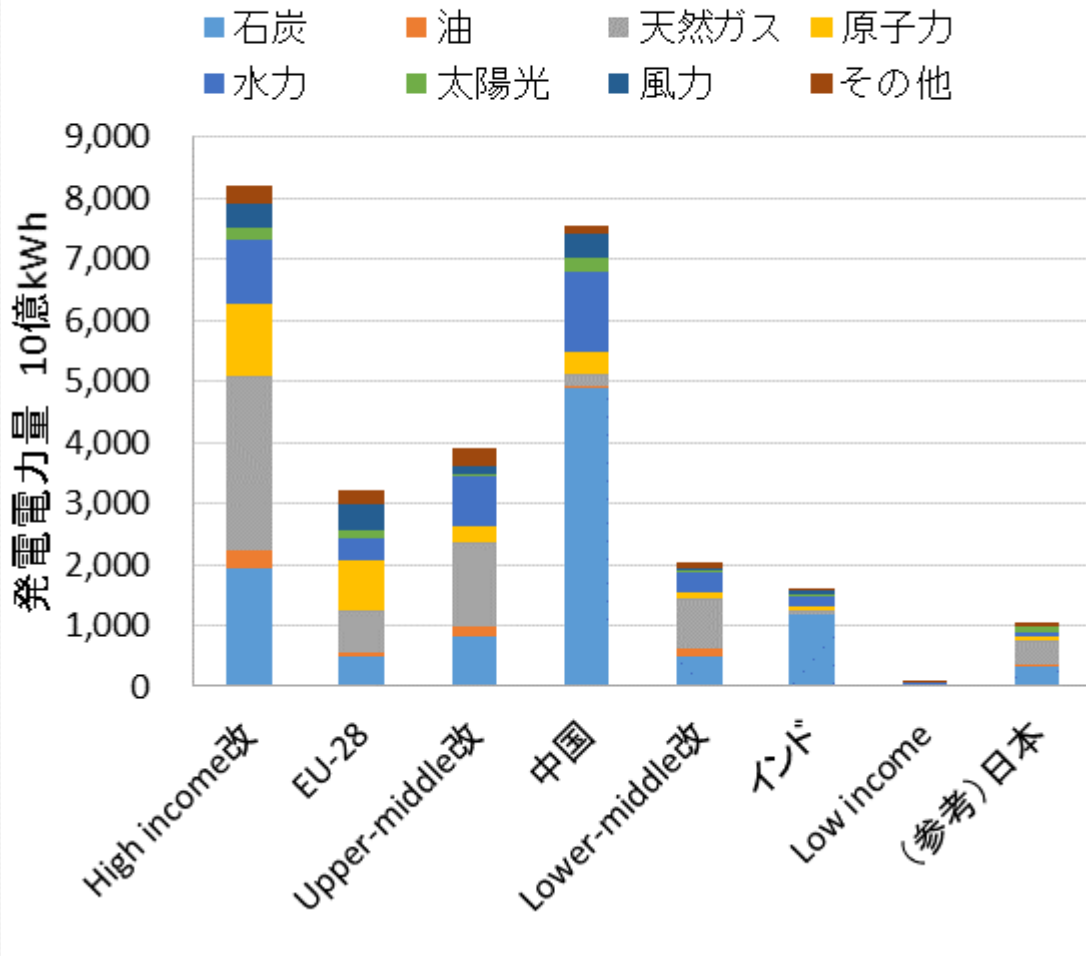
????2050?????????????????????? ??

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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



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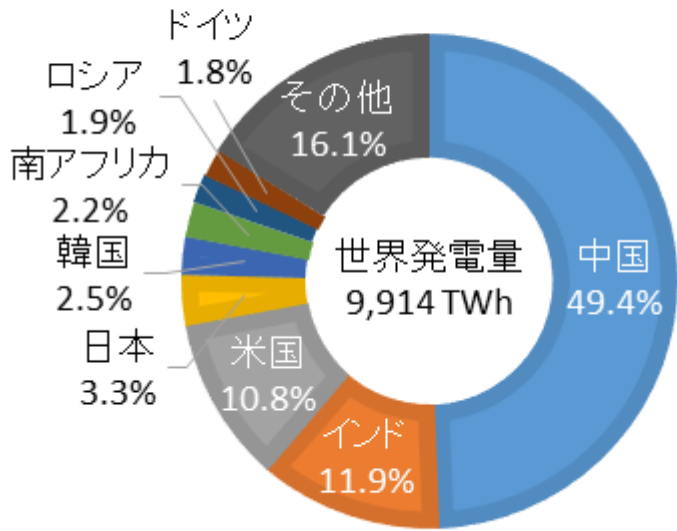
図-6のデータによると、2019年の世界全体の発電電力量は約8,000億kWhであり、そのうち約65%が化石燃料（石炭、油、天然ガス）によって生成されています。これは、再生可能エネルギー（水力、太陽光、風力）の割合が約35%であることを示しています。GHG（温室効果ガス）排出量は、化石燃料の使用量と正比例して増加傾向にあります。

2023年までの目標として、再生可能エネルギーの割合を73%に引き上げ、GHG排出量を2019年比で30%削減することが求められています。これは、気候変動対策の一環として、エネルギー供給の脱炭素化を進める必要があることを示しています。

GHG排出量を削減するためには、再生可能エネルギーの導入を促進し、化石燃料の使用量を削減することが不可欠です。また、エネルギー効率の向上や省エネ技術の普及も重要な役割を果たすと考えられます。

図-7 世界の石炭火力(2019年)

出所: IEAデータ



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?????????31.5% ??????????????????1970 ?????????????????? ??????????????????
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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-middle 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?????????-6??GHG??

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??GHG??capacity factor????????????

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??2??%??

??20-30%??

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GHG????CO2????CCS????????????????????CCS????????????????????
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??2050????????????????2080????2100????????????????????

????2050????????????????????2080????????????????????????30????????????????????????????GHG????????????????
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GHG??GHG?????1%????????????????GHG????????????????????
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Posted in ?????????, ??? | No Comments »

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

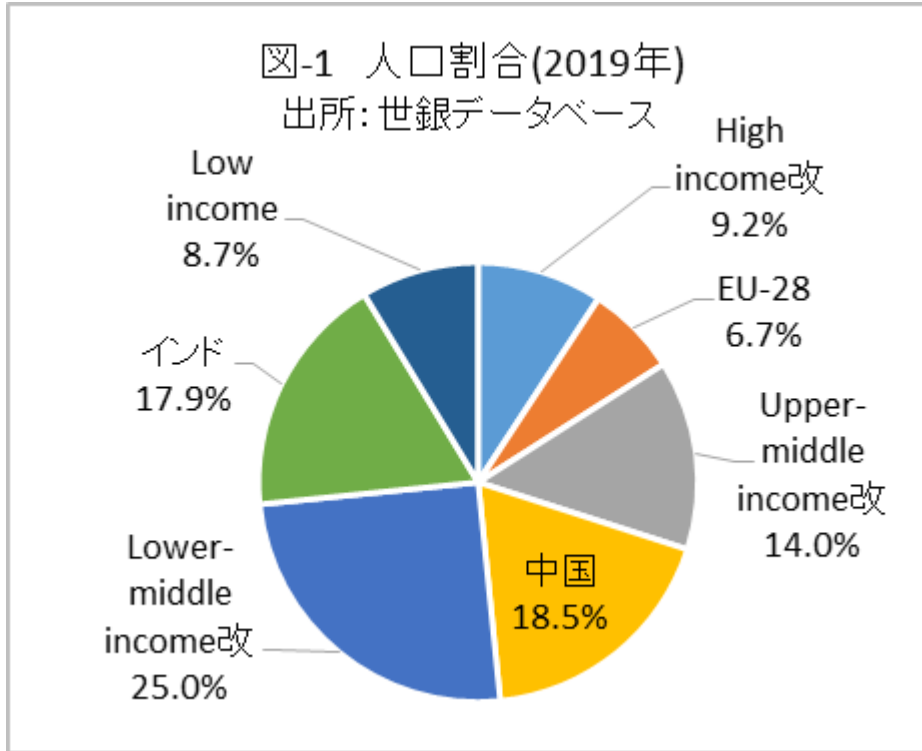
GEPR??? · Sunday, October 23rd, 2022

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

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

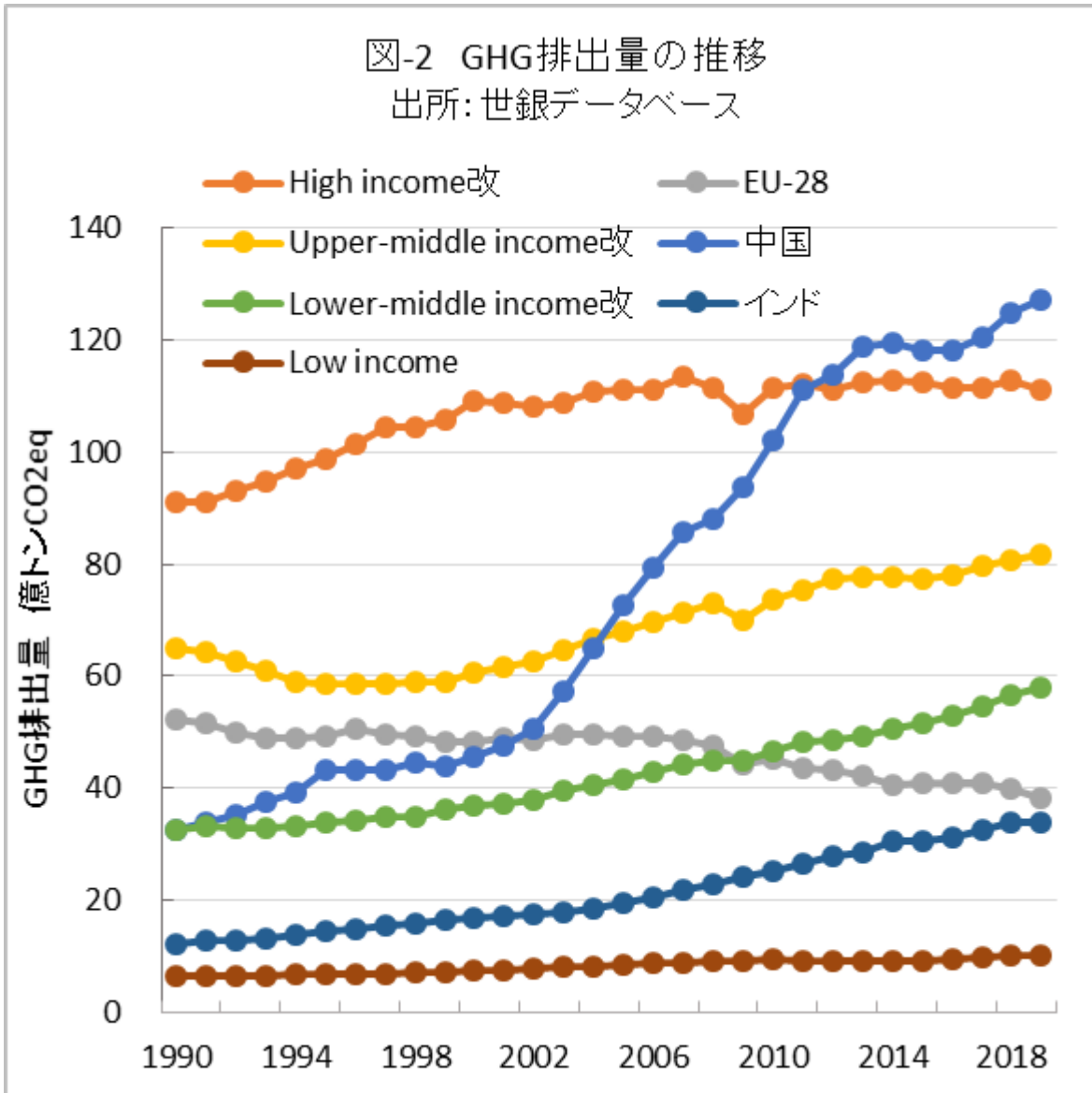
2019 16%



?1

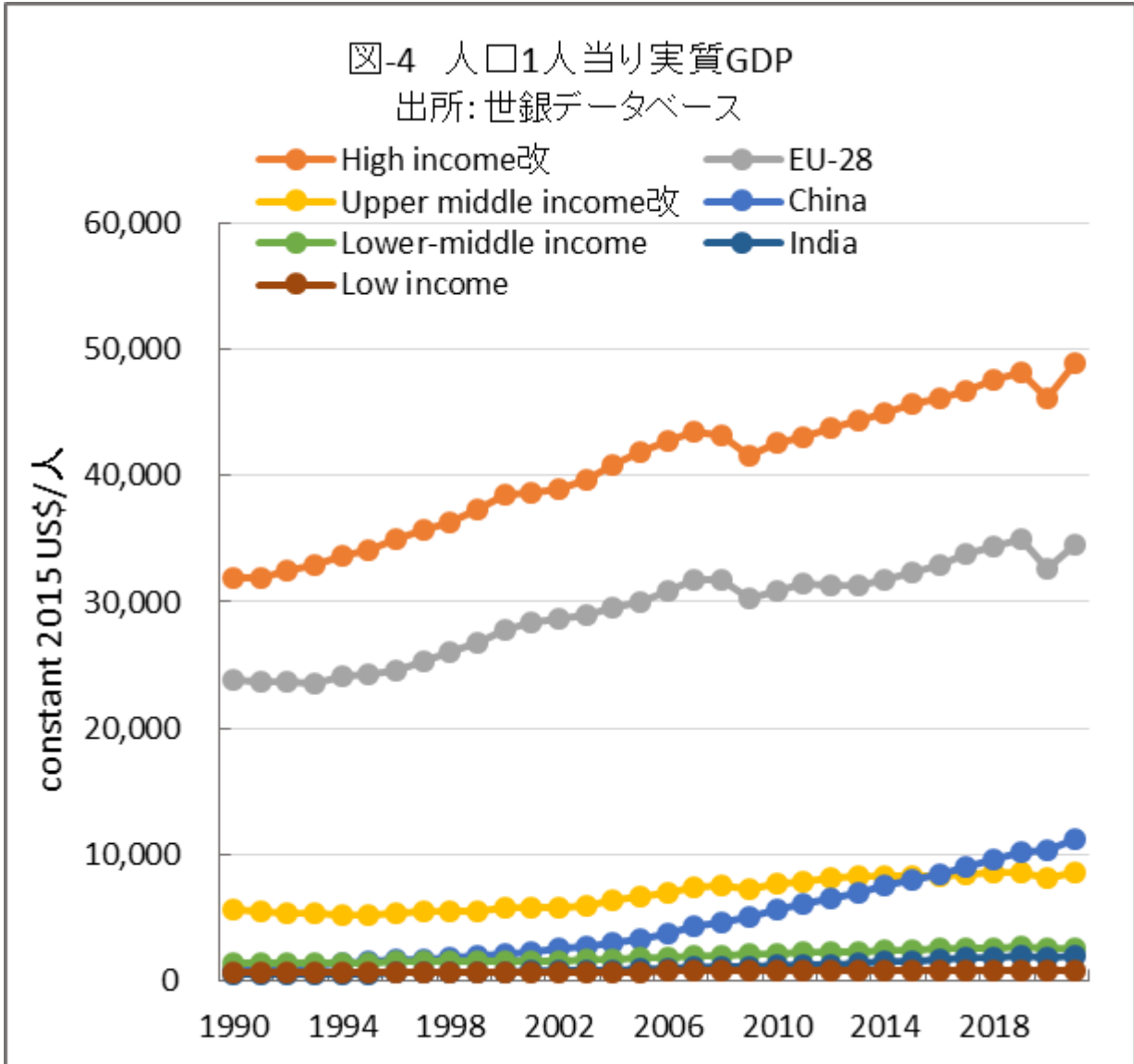
?GHG?2/3???

?-2??7??GHG????EU-28?GHG????High income??2010????



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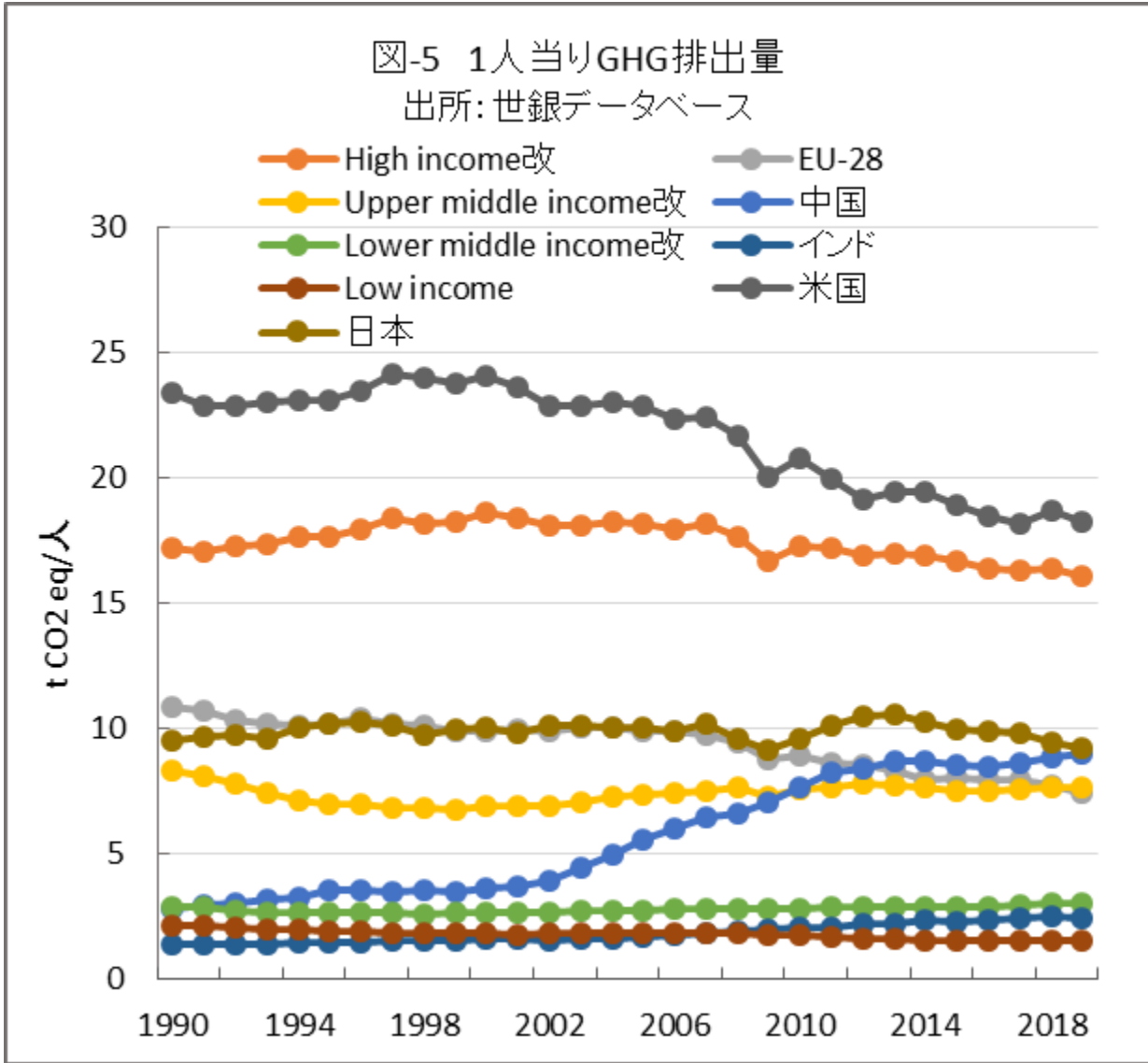
?-3?2019??GHG????????????????????1/3????????????????2/3????????????????GHG????????????2%??
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24

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25

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

??2????????????????????????GHG????????????????????

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??GHG????????CO2????2030????????????2060????????????????????????????????2030????????????????
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1980??COP26????
??2070????GHG??20????????????????30??GHG????????
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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????????????????



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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?Tackling

Disinformation??COVID-19????????????????????????????????
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You Tube??TikTok?????????Team
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twitter???????Democratic Dictatorship?George Orwell????????????

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Posted in ???, ????? | No Comments »

ESG????????3E?S????????

?? ?? · Thursday, October 20th, 2022



ipopba/iStock

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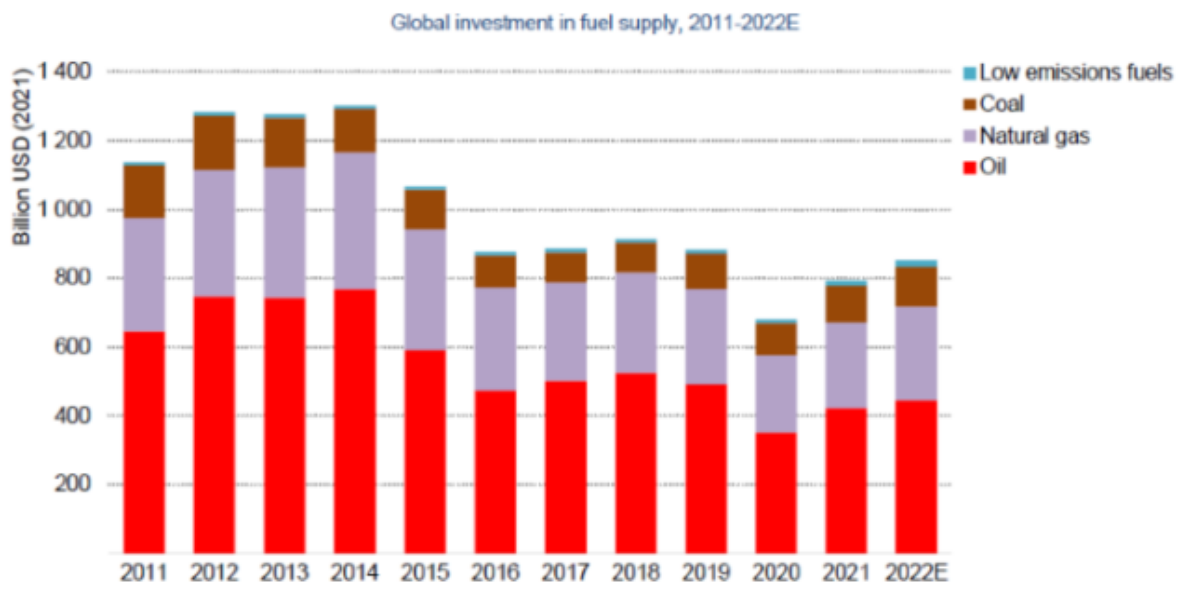
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???World Energy Investment 2022, IEA

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???IEA?????????Net Zero by 2050????????2050????????????????????????????????1.5????????????????????????????????
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Posted in | No Comments »

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?? ?? · Thursday, October 20th, 2022



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MadamLead/iStock

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

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

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COP??26????COP????????????
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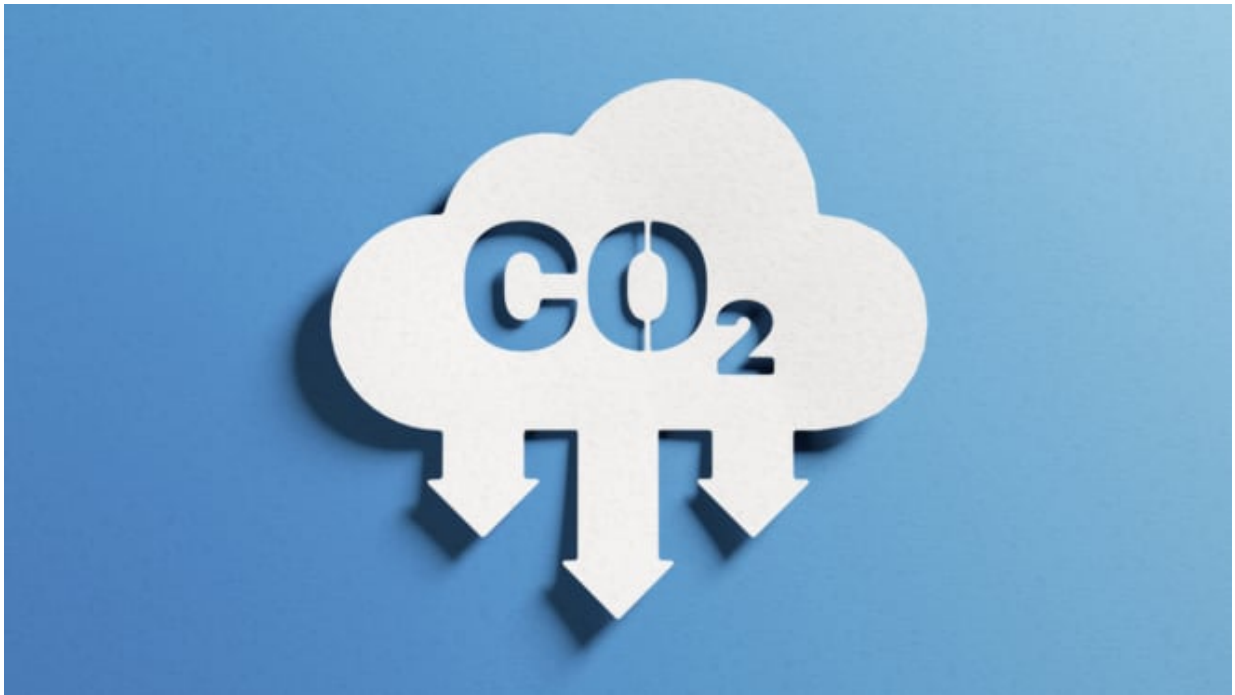
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?? ?? · Tuesday, October 11th, 2022

??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????????????????????????????
- 2. ?????????????????????????????CO2????????????????????????CO2?1????????????????o.5????
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- 3. ?????????????2030????1??100??1????????
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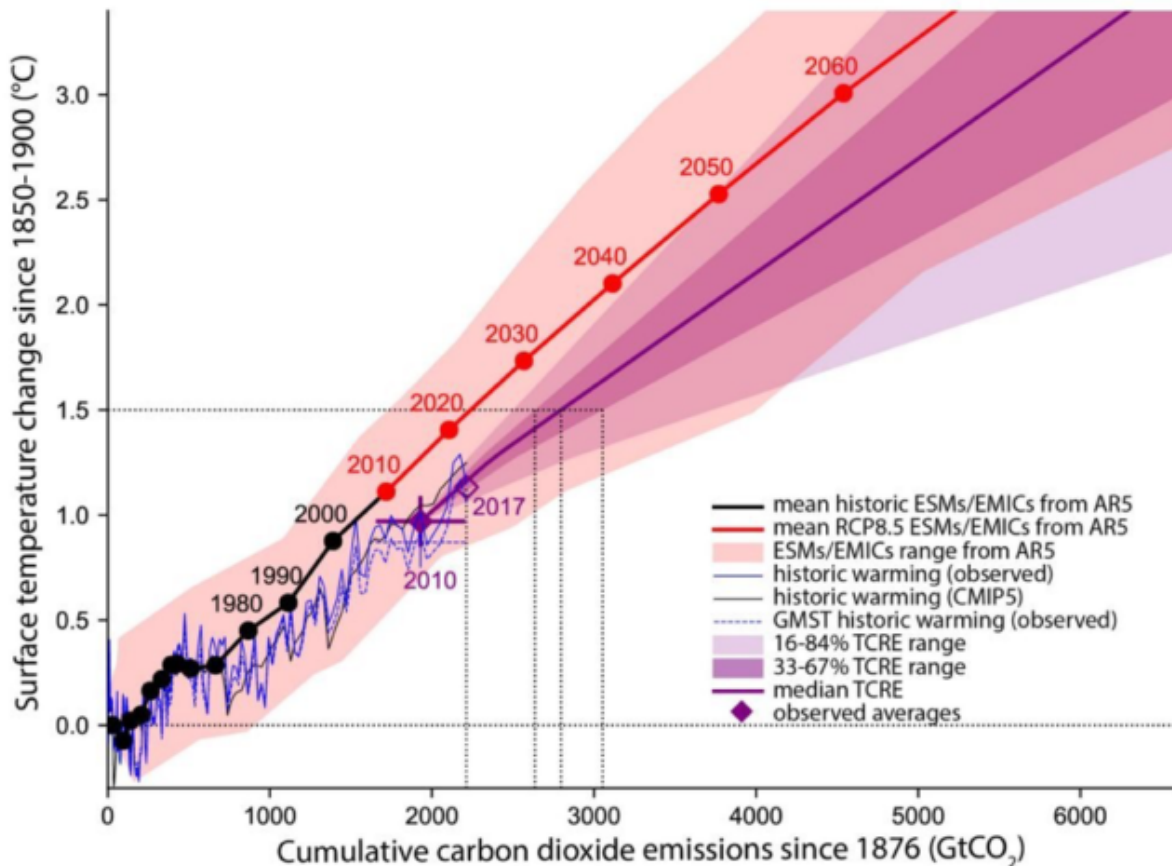


FIGURE 2.3?Temperature changes from 1850–1900 versus cumulative CO2 emissions since 1st January 1876.

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Posted in ???, ????? | No Comments »

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?? ?? · Monday, October 10th, 2022

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y-studio/iStock

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

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?? ?? ? - Sunday, October 9th, 2022

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bee32/iStock

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allanswart/iStock

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?? ?? · Tuesday, October 4th, 2022



Daniele Mezzadri/iStock

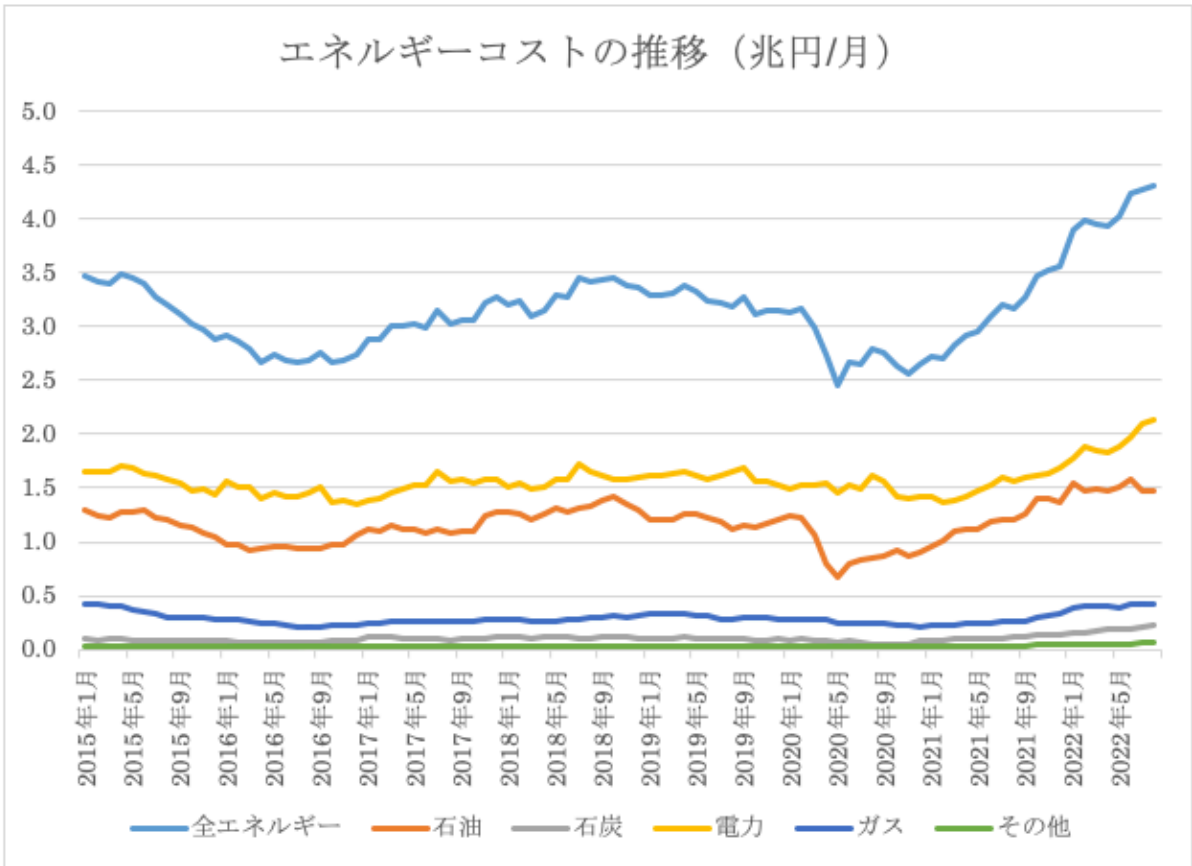
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Posted in ??????????, ??? | No Comments »

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?? ?? · Monday, October 3rd, 2022



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

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?? ?? · Sunday, October 2nd, 2022

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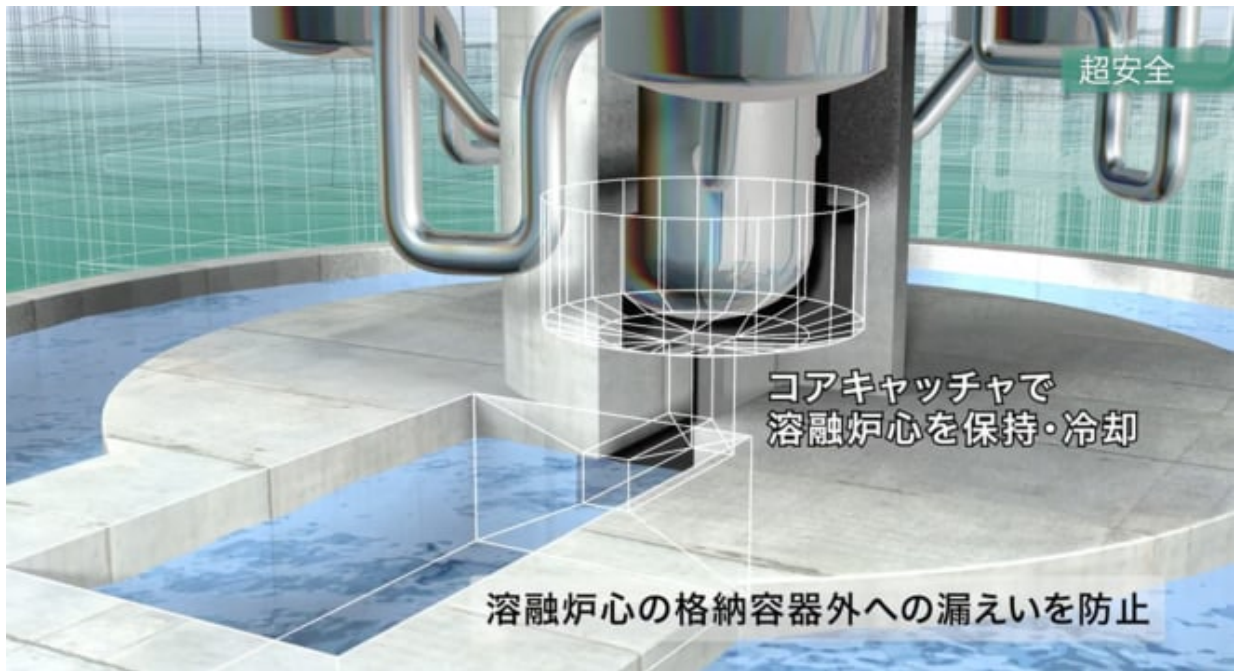
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SRZ1200?????

S????Super-safe????????????Sustainability?R????(Resilience)???Z????????Zero-Carbon??????????

1200????????????????????120kW??
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DiscoverMHI (Mitsubishi Heavy Industries, Ltd.)??

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

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

?? ?? · Sunday, October 2nd, 2022



???NHK??
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?2020??CO₂????????????

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2021?8??2030????????????????????????????2030????????1kW
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? ii)???????????? iii)????????????

??LCOE??
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??LCA????????????1
0????????????????????????

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??JP????????????CEO????????????????????

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Twitter??

NHK record 1.5 NHK 26 1.5

record 1.5 NHK 26 1.5

NHK 26 1.5

4

NHK NHK

1.5°C

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

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?? ?? · Monday, September 26th, 2022

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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



igorartmd/iStock

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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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?? ?? · Friday, September 9th, 2022

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audioundwerbung/iStock

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ayhan turan/iStock

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Posted in ??, ??? | No Comments »

LCOE

?? - Thursday, September 1st, 2022



vchal/iStock

IRENA J.P.Morgan

IRENA

2022 13 IRENA 2021

Renewable Power Generation Costs in 2021 – Executive Summary (irena.org)

IRENA

- 2021 163GW LCOE G20
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Figure ES.3 The weighted average LCOE of utility scale solar PV compared to fuel and CO₂ cost only for fossil gas in Europe, 2010-2022



?????2021?8?????????????2030????????????????????

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2. J.P.Morgan?????

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12th Annual Energy Paper | J.P. Morgan Private Bank (jpmorgan.com)

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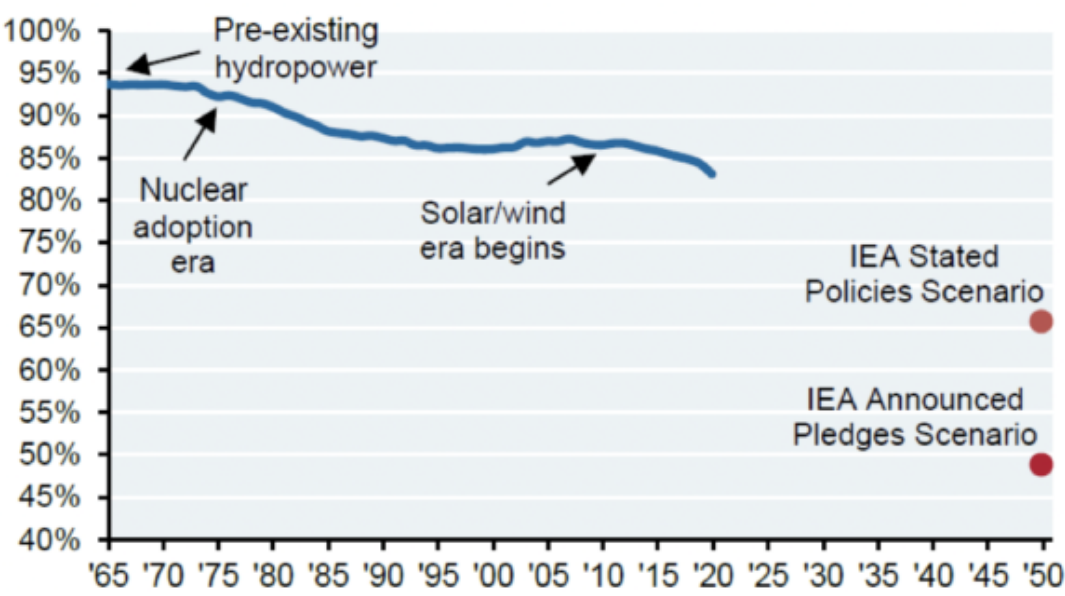
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The world uses fossil fuels for ~83% of its energy

% of global primary energy consumption from coal, oil and nat gas



Source: BP Statistical Review of World Energy, IEA, JPMAM. 2021.

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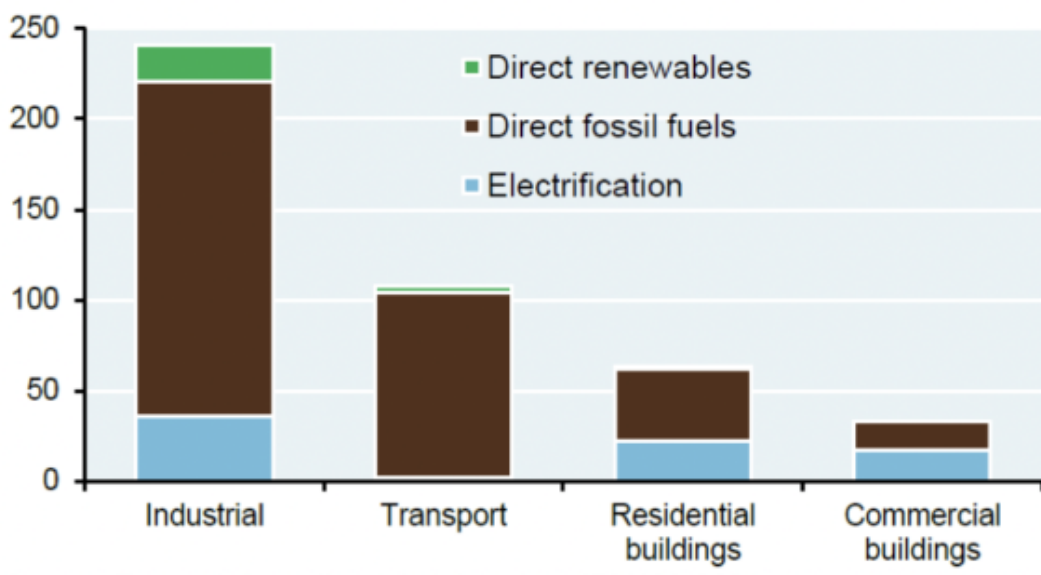
LCOE??i)???????????????????????????? ii)????????????????
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Low levels of electrification in global industry and transport

Quadrillion BTUs of final energy consumed by sector

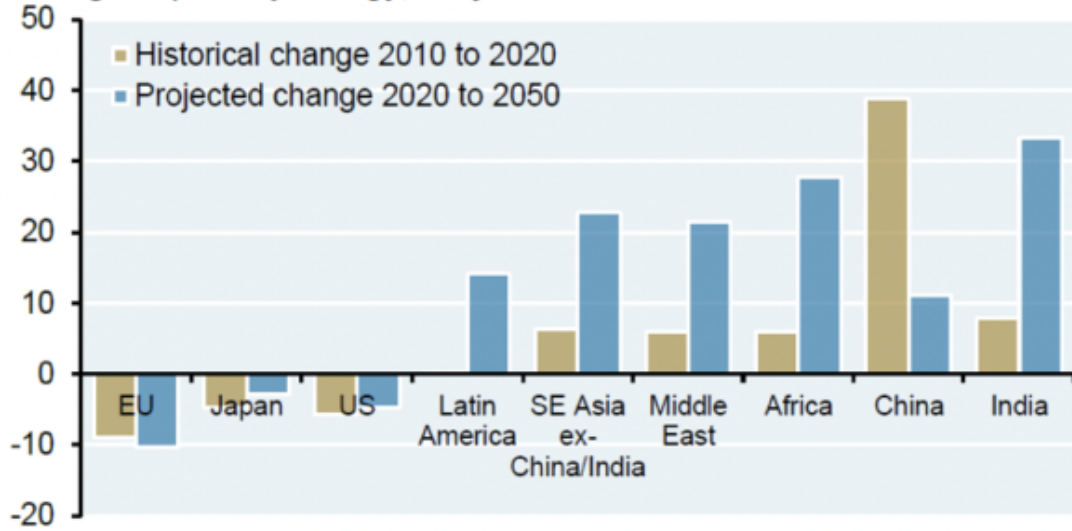


Source: Energy Information Administration, JPMAM. 2021.

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China is the only EM country projected to slow primary energy consumption growth over the next three decades

Change in primary energy, exajoules



Source: International Energy Agency Stated Policies Scenario. 2021.

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3. LCOE??FCOE?

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