

??

??

????????????????600????????130??
????????????????????????????

??

??

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

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

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

??

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

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

???COP26????????????????????????CO2????????????????????????????????????

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

????????????????????????????1000??

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

??1????????
????????1000????????????????????????10????????????????????1????????????????COP27????
??

????1??

????????????????????CO2????????????????1????????????????????????????????????
????????????????????????????????

???COP27??

????????GATT?WTO? ?????????UNCTAD????????????????

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

?

??????????????_?? ?????????????????????



Posted in ???, ????? | No Comments »

??

?? ?? · Wednesday, November 16th, 2022

??
??

2050????????????2030?CO2??

2030?CO2??2030?46????????????????
????????CO2????????1kWh????CO2????46????????????????????????

??²¹⁾????????8????????10????
??

??
???

????????????????????????46%??46%????????????????
??

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

????????????2008?2012????1990?6%??
????CO2????????6????????????

????????????????????????????????????CO2????????????????????????????????????6????????????203
0??

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

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

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

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

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

????????????????ESG?S????

????????CO2??

????????CSR??
??ESG?SDGs????????????????
????????????



alle12/iStock

??

??
??

??
??
??

?????????????????30?2018?????????????????2530?????????1765?????????766?????????????????600?????????
324?????????276??(??)????????????????????
?????????100??

??830?????????????????769??20
7?????????????????????8??
??

?????????????766?????????????????????????????????????56?????????????????710?????93??
????????????????????????????????

?????????????1990??

??
??
??



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

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

????????????????????????3????????????4?15??

??
??C0₂????????????????

??24??
????????????????????????????2??

10??

????3????4?15??4?16????
??11?3????
????????

??

????????

??EU?3????????????????????????????????????
????????4????10????????????????1????????????????????????????

????????????6????????????????????EU????????????EU????????????EU????????????
????????????????????????????????

??2020??CO2????30????????????2050????30??????1??????
?1??????0.5????????????????????????????????????0.5???????????

????????????2050????????????????????CO2????????CO2????4??1????????????????0.5??4??1??????0.12?
??????.

????????????CO2????????0.12??CCS??????
??

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

??1????????CO2??

????????????????????????CO2????????????????56%??
????CO2????????????????????

????CO2??

????????????1992??

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

?

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

?

????????????????_?? ?????????????????????



Posted in ???, ????? | No Comments »

?GX????????????????

?? ?? · Thursday, November 3rd, 2022



bee32/iStock

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

??2009??3????????????????????????
????????????????

????????20??GX????????????????????????????????130????????????????????????????????
??

??

??150????????????????????????????

????????GX?20??
??????

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

??

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

?GX??

??

??

?

????????????????_?? ?????????????????????



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

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

?? ?? · Monday, October 31st, 2022

6????????????????

????????????26????????????????7????????????????????????????????

????2017?9?3????????????????????????????26????????????????????????????????10????????16
0????????????

????????????ICBM??

????????????
©????

??5M
W??
??

7????????

??

????????????????????????2017?6??
??
??

????????????7??
??

??

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

????????COP27

?? ? · Sunday, October 30th, 2022

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

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



Heiness/iStock

????????COP26????????

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

????????????COP???1?????2020?????2021????????????????????????????????1.5????2050??
 ??????????2030??45?????????2021?11??COP26?????????????2022????????????????????10??cr
 itical decade????????????????????

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

??
 ?

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

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

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

??5????????????REPowerEU?6??G7??
 ?????????????????????????

????????????????????????11??
 ?????????????

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

??25?/????????????????????????????????
??????????????

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

??17??SDGs????SDG13?????
????????????15????????9????????????????????????????????????

9????????G20????????????????G7????????????1.5????????????????????????????????
??

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

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

COP27????????????????COP26????????????????COP27????????????????
??

????????????????????2023????????????????????2030????????????????????????????
??

??
??

??1000????????????????2025
??
????????????????????????????????

??
??

??COP????????????COP????????
????????????????

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

??

Posted in ???, ????? | No Comments »

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

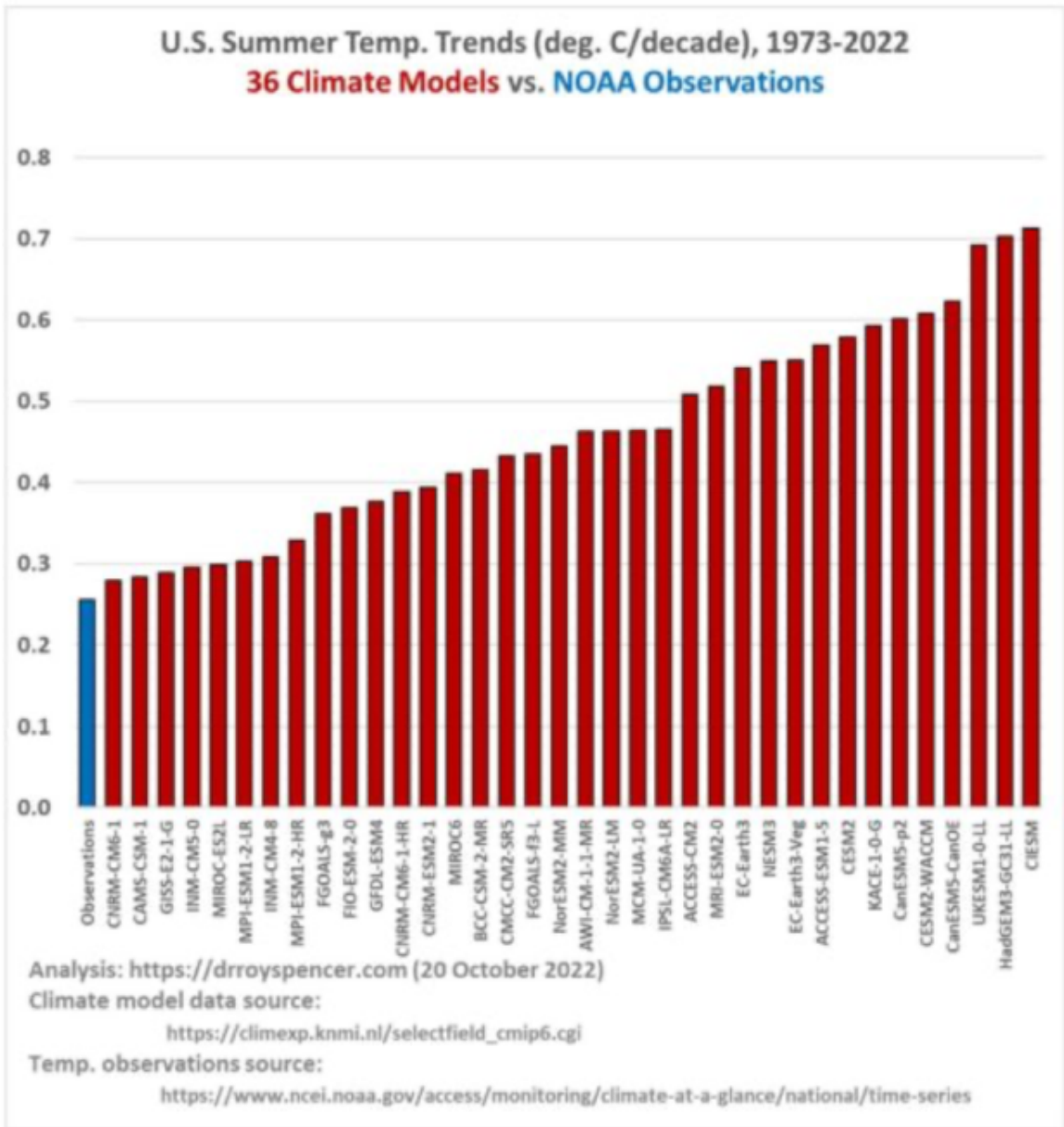
?? ?? · Friday, October 28th, 2022



Tr6/iStock

??

????????????????50????????????????????????????6??8????????????????????????????



????????10???0.26????????????3???0.71??????????

??

??

?

??????????????_?? ???????????????????





Posted in ???, ????? | No Comments »

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

?? ?? · Friday, October 28th, 2022



AleksandrVS/iStock

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

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

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

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

????????????????????????????????????NZBA????41????119????????????10?27????????????????????70????
10,500????????????????39????NZBA????????????2050????????????????????????????????????
????????????????????

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

????????NZBA??NZBA????????????????????????????
??

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

????????????????????????????????????JP??

??????????1????????????????????????????????? Consumers'
Research????????????????????????????ESG??
????????????????????????????????

????????NZBA??
????????????????????NZBA?NO????????????

ESG Watch: Banks' net-zero pledges in the spotlight at Climate Week New York

????????ESG????????UBS????????

????????????????????BLK????????????????ESG????????????BLK?ESG????????????????
????UBS????????????????????????????????700????585????????

????????????BLK????????????3????ETF?MMF????????8????????????BLK????
????????????????????

??

AG Paxton Demands BlackRock Account for its Underperforming, Potentially Illegal 'ESG' State Pension Fund Investments

????????????????????????????????BLK????

????????????????JP????????????????????????????????????

????????????????1860????????????ESG????????8????????????ESG????
????????????????????

Governor Ron DeSantis Eliminates ESG Considerations from State Pension Investments

ESG??NZBA????????
????????????????

??

??

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

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

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

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

??
most alarming stories????????????????????????

??

??
far from certain??

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

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

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

??

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

??IPCC????????????????????
????????????????????????

?????PIK????Stefan Rahmstorf??

??
??

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

????????????????????????????????????CO????????CO????????2????????????????????
2020????IPCC????????????????2.5????4????????????????????????????????????

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

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



Parradee Kietsirikul/iStock

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

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

??GH
G??

????2050????GHG??20
50????GHG??

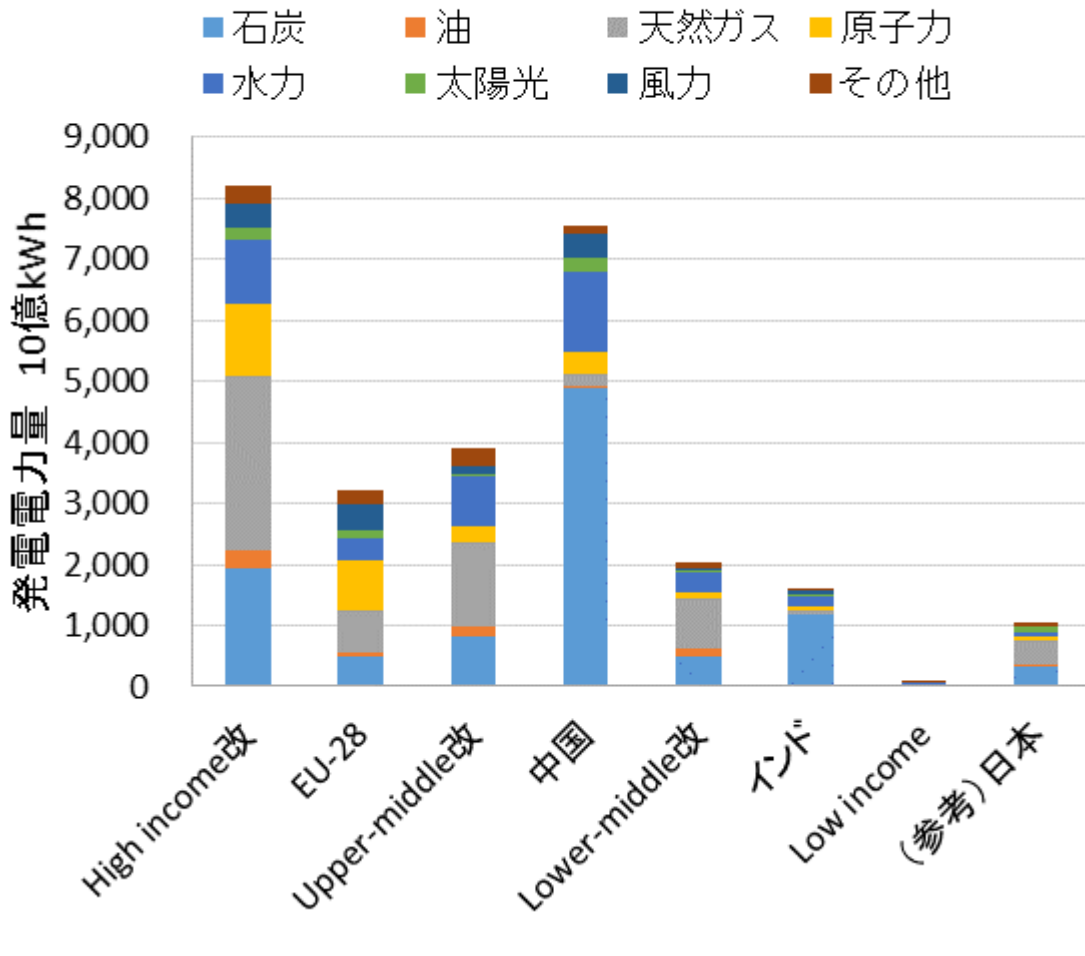
????2050?????????????????? ??

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

GHG??-6
?2019??IEA????????????????????????
????????????????

図-6 発電電力量(2019年)

出所:IEAデータベース



76

図-6のデータによると、2019年の発電電力量は、石炭が最も多く、中国が最大の発電国である。EU-28やインドは、天然ガスと水力の割合が高い。Low income国は、水力が主要な電源となっている。2019年の発電電力量は、2019年の発電電力量の65%を占めている。GHG排出量は、2019年の発電電力量の2%に相当する。

2023年の発電電力量は、2019年の発電電力量の73%に相当する。GHG排出量は、2019年の発電電力量の3%に相当する。GHG排出量は、2019年の発電電力量の3%に相当する。

GHG排出量は、2019年の発電電力量の7%に相当する。GHG排出量は、2019年の発電電力量の7%に相当する。GHG排出量は、2019年の発電電力量の7%に相当する。

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

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

????2050????????????2080????????????????????30????????????????????????GHG????????????
??

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

??
??

????????2050?GHG????????????????????????250????????????????????30????????????????
??

?

?? ??

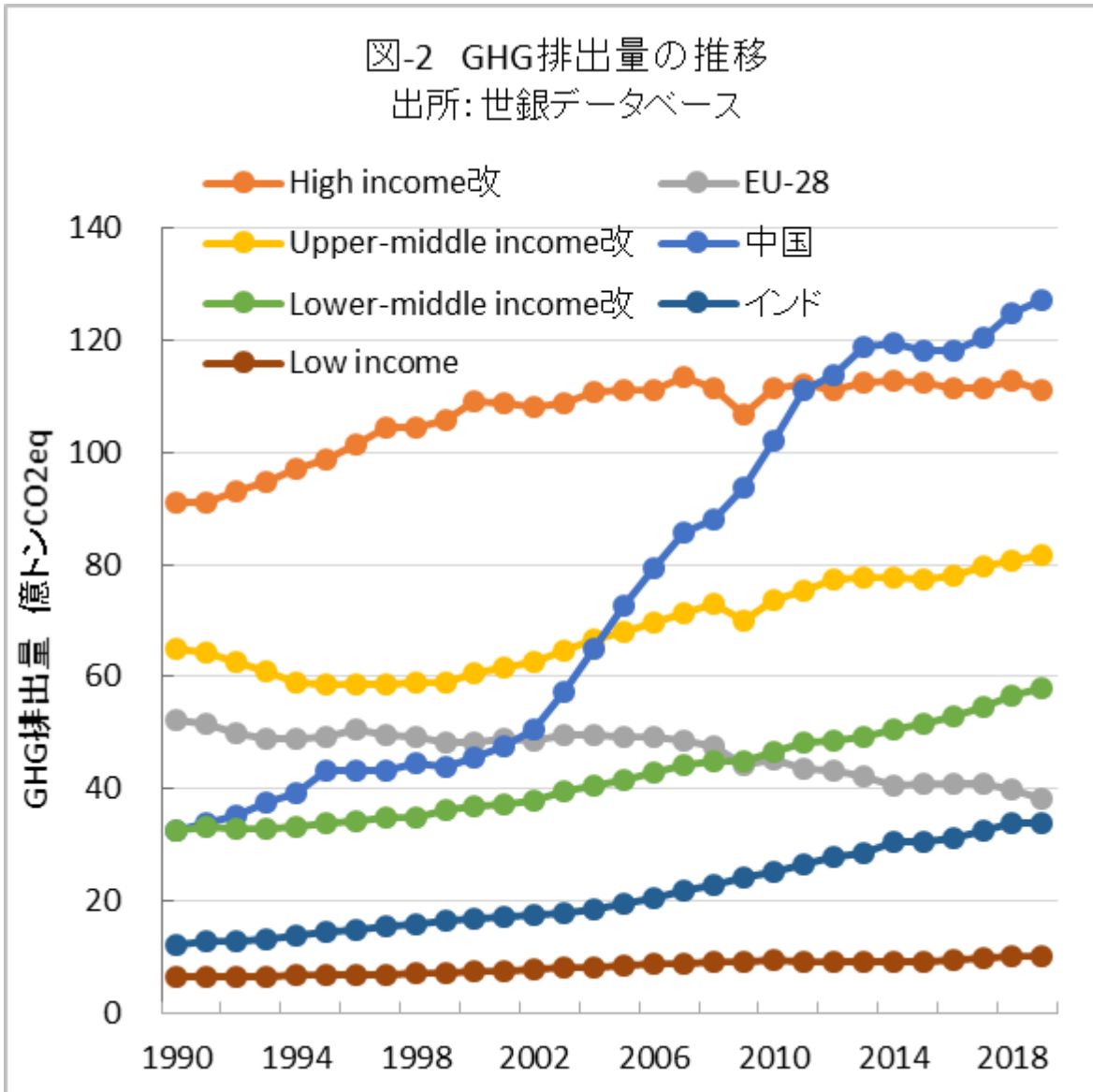
????????????1970??kindle????????????
????????????

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

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

GEPR??? · Sunday, October 23rd, 2022

?? ??

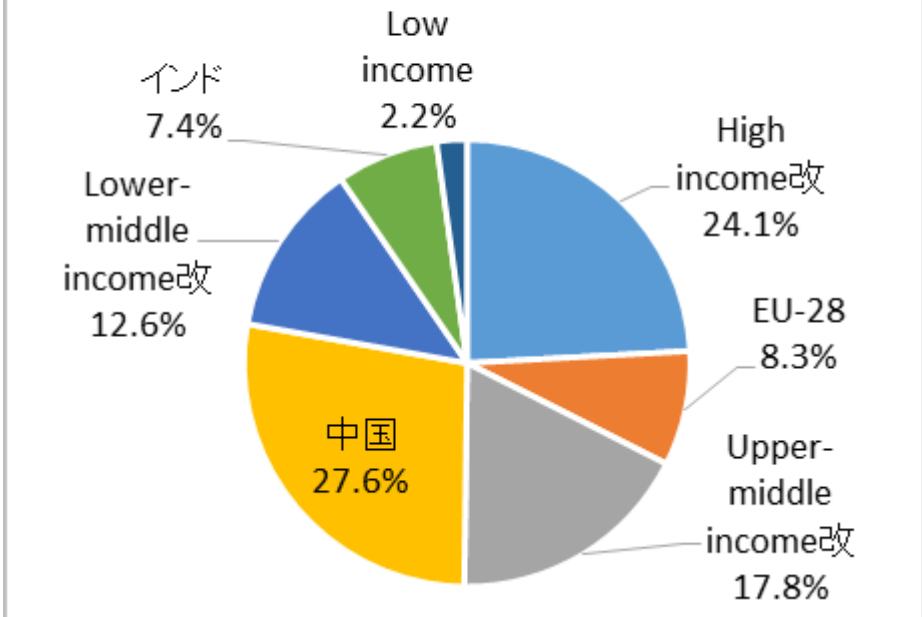


??

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

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

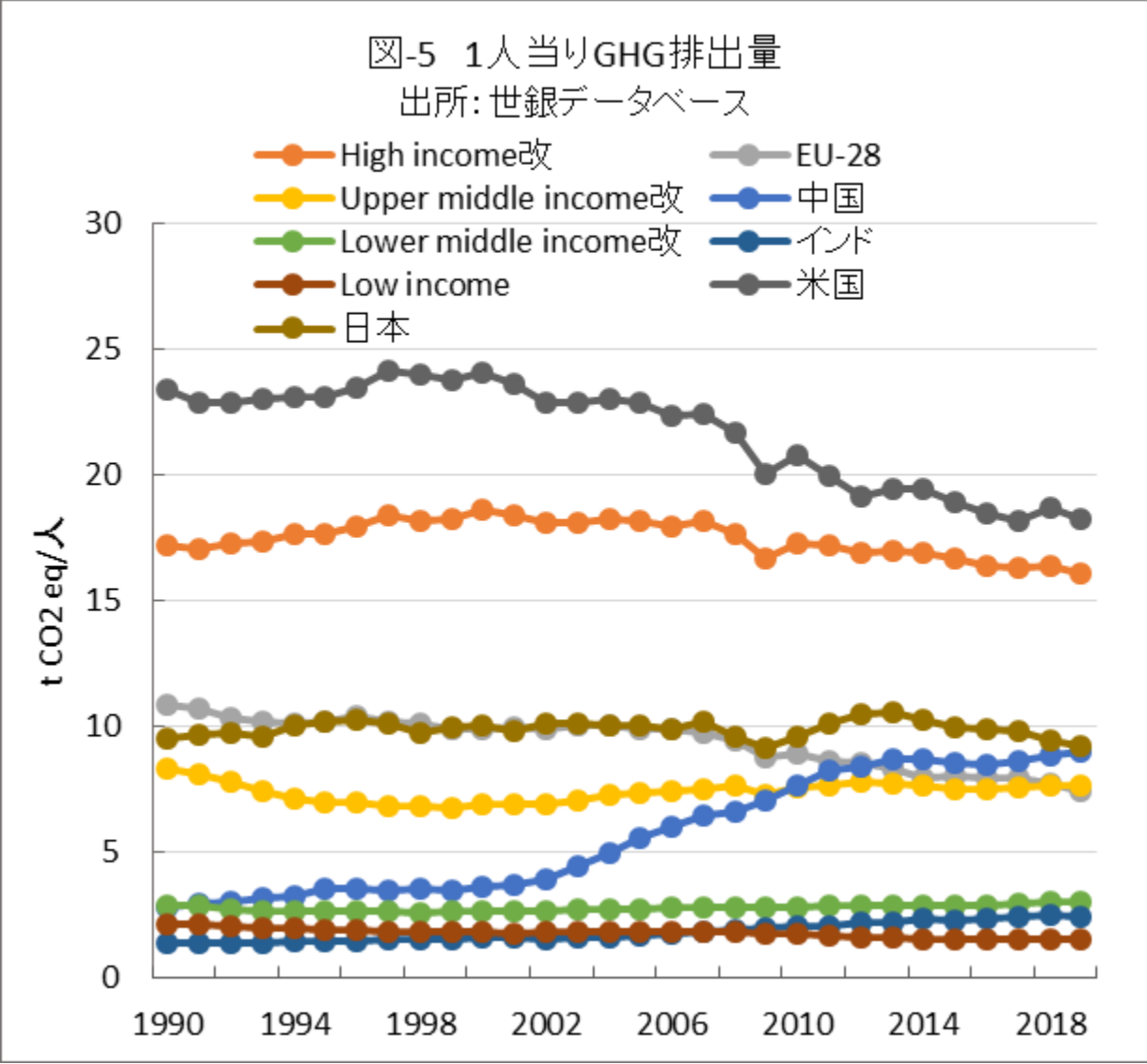
High
 income???2019?GHG??90%?????
 ??????2060?????2050??

??GHG????????????????????????????????
 ?????????????GHG????????????????????????????

?GHG?????????????

2050?????GHG??

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



25

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

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

????????????????????GHG????????????????????

??

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

????????????????????????21???CO2????????????????????GDP????????????CO2????????

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

????????????????????2050????????1.5????????????????????????????????????

??

??



LewisTsePuiLung/iStock

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

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.<https://t.co/fMaPYsHGUT>

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

?????9????????????????????WEF??

?Tackling
Disinformation??
????Google??

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

- ???
- ??????????Google??
- ??????????????????own?????

You Tube??TikTok?????????Team
Halo????????????????????????

ESG?

ESG
ESG

Economy
Environment
Energy
Security
Security
ES

ESG

ESG
E

Social
Sustainability
ES
ES

ESG 2.0

ESG
ESG
ESG

2050
2030

ESG
ESG
ESG

ESG
80

10
ES

ESG

ESG
ES
ESG 2.0

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

????????????????????????????????????COP????????????????????COP27????????????????

COP26??

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

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

- ?????????????????????COP27??
- ?????????????????????????????????????1??
- ???
- ???6????????????????10????????

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

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

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

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

??JPMorgan Chase
????????????CEO????????????????????????????????????

????CEO??

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



Posted in ???, ????? | No Comments »

??

?? ?? · Monday, October 10th, 2022

??????????

????????????????????????????????250????????????????????



??

??210??????????????

3????????????????1000?????????...????????12????????????????????



??3????????????1000?

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

??

????????????????????????????2000????????20????????3????????????????1000????2????????????????



allanswart/iStock

??
??

??
??

1??
??

??

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

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

?? ?? · Tuesday, October 4th, 2022



Daniele Mezzadri/iStock

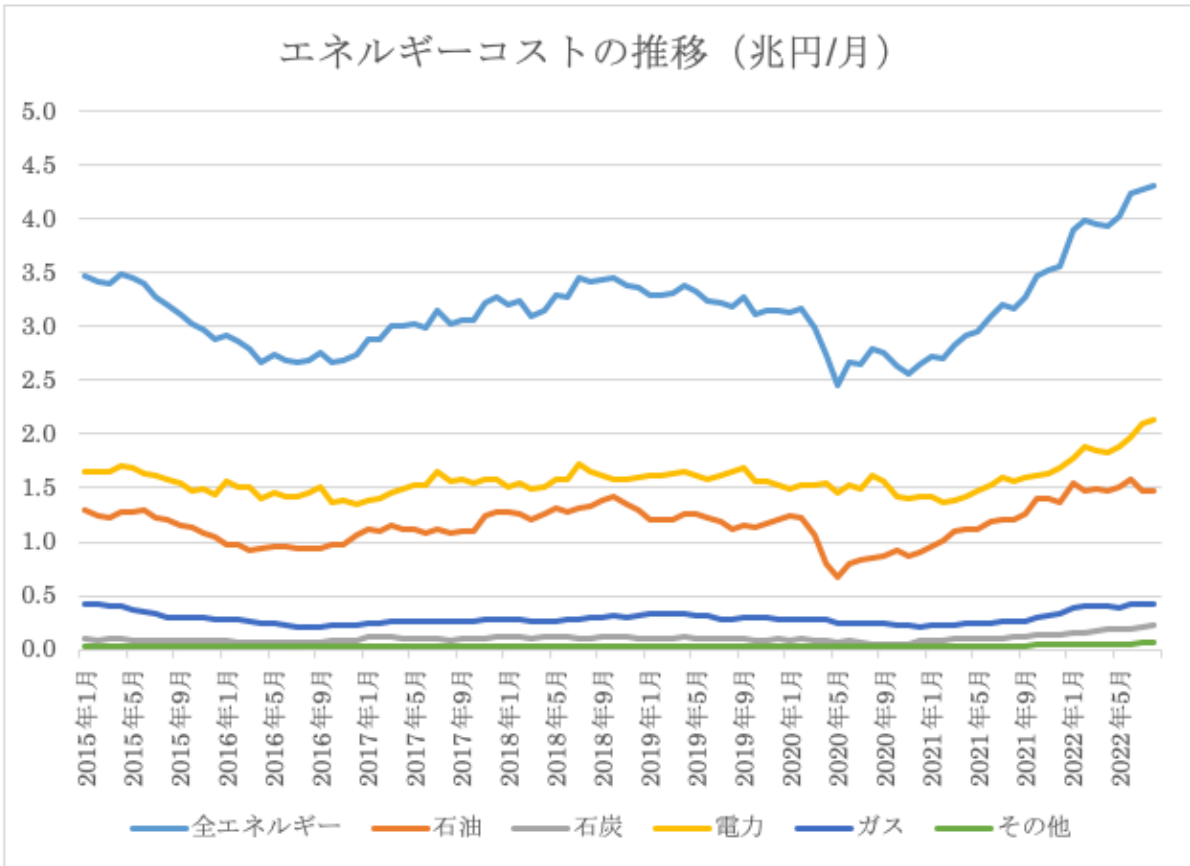
??25????????28????????????????

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

??
??

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

??



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

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

??2022年8月????????????????4.3????????????2.1????????

??

??

??

??

??

?

????????????????_?? ?????????????????



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

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

?? ?? · Monday, October 3rd, 2022



??

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



??

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

??
??8????????
?

??

??6?21??????????

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

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

??



????3????29??
??
??????

??
??SDGs????????????????
??????????

????????????????????????????????12????????????????7?4????????????

??

????????????????95%??
??
?

????????????5%??
????????????????????

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

?????7?4????????????????????????????????????EU?????????????????????????????

??

??

??

??

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

?

????????????????_?? ?????????????????????



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

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

?? ?? · Sunday, October 2nd, 2022

????DX??

??????

??

??

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

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

?? ?? · Sunday, October 2nd, 2022



???NHK??
 ???

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

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

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

??

?2020??CO₂????????????

??28.4??14.7??6.9??4.7??3.2??2.1??1.8??3.7??

?????????3.2?????????12?????????12????????????????????????????????????0.0003?????????

?????????????10??100?????????????????????????????????????2025????????????GDP?2010????????????????

2??

??12????????????????????

??2050??1.5????
????????????1.5??

????1.5??

??

??
??

??

2021??8??2030????????????????????????????2030????????1kW
h????8.2??11.8??

????????????????LCOE????????????????LCOE????????????????????????????J.P.????????
????????????????????????



????????????????LCOE??LCOE????????????????
????????LCOE??i)????????????????????
? ii)???????????????? iii)????????????????????????????????????

??LCOE??
????5????10????????????

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

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

????????CO₂??
?????

??21????ESG????????????????????
????????????10??350????????????????????ESG????????????????

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

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

??
????????????????????????????????2015????????????????????
??



Twitter??

NHK record 1.5

NHK record 1.5

NHK 1.5

NHK 4

NHK NHK

1.5°C

5

??	??????????	??
1.5??????	1.5????????????	1.5????????????
46??????	46????????????	46????????????
??????????	????????????	????????????
?????	?????	????????????

1 2 1 1 4



xijian/iStock

ESG?E??CO2??CO2????????????
??CO2????????????????????????
????????????

??ESG?SDGs? ???CSR? ?????????????????????
????????????????ESG??

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

???ESG?S? ???SDGs? ???
??

??2021?10????????????????G7??
??2022?6????????????????????
??2022?9??EU??

??
??

??
?

???2012??2010??2019??10????????????????????22
%????????25% ?????????????????2022??



small smiles/iStock

????2030????????????4??1????????????56?????1?????100????????????48??
??

????????????????????2025????????????????????????????????????150????????????????
????????????????????????3????????????50????????????????????????10????????????500????
??????

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

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

??

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

??OCI
NV??9????????????????????????????????????OCI????????????????????????????
?????Volkswagen AG????????????????

??SA??
????2????????????????????????????????????

????????????????????????BASF????????????????????????????????????
????????????????????????

??????????

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

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



halbergman/iStock

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

8?16??

??3.5????????????Build Back
 Better(?????)????????????????????????????????????10????7370????????4370????????????????????????3690
 ?????52??

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

??2030????????2005????????????????40????????????????
 ???CO2????????????????????2030????25????????????
 ???

??50?52????????????????????????????
 ?????????????????10?12????????????????????

??
 ?????????????????6??
 ?????????????????

??

?? or EU????????????????

??3??3????????????44????2020????????????????????2
????????????15????????EU????????????????????????????8????3????????

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

????????????????????EU??CBAM????????
??

??EU????????????????????????????CBAM????
????????????????????

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

??
??EU??

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

????????????????20??EU????????????????????
??
????????????????

??
????

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

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

?? ?? · Sunday, September 18th, 2022

????????????????1??103????????????????2????????????



??2005??
???Wikipedia

CNN???????????



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

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



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

???KYODO????????J??
????????????????????????????????

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

2006??60????????????????????

2010??



????????????????????????????????2012??
????????????????20??

??

??

NBC???????



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

??BBC????????????IPCC????????????????????????



??IPCC????????????8????????
??

???????

- ???
??1000??
- ???
??5??10
??
- ?????????????????????CO₂????????????????????????CO₂????????????????????????
??
- ?????????????????????40??
- ???
????????????????????????
- ???600????????????
????????????????????????????????????

??2.5????????????????????????

???????

????????80????????????40??
????????????????????????????????

??



??

??
??
???????

??9????????CO2????????????
????????????????????????????????????

??2????????IPCC????????
????????????????????

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

????????????????????????????????????10????????????????????
??

??10????????????????????
????????????????????????CO2????????????

????????COP????????COP????????????????????
????????????????COP????????COP????????

????????????COP????????????????????
????????????????????????????????

??NGO????????
????????????????????????

??11????????????????
????????????????????????????

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

????????????????1960????????????
????????????????

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

????????????2050????????21????
????????????

????????CO2????????COP????CO2????????CO2????

CCS

CO2

12 CO2

10 15 CO2

FIT

13 CO2

(EV) EV

CO2

2050

14

3

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

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

?

Posted in ???, ????? | No Comments »