

# Global Energy Policy Research | GEPR

GEPR??  
<http://agorajp.com/??>  
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?? ? · Sunday, November 13th, 2022

???TBS???YouTube??????????????????????????????

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alle12/iStock

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?? ??? ?? · Saturday, November 12th, 2022



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**????CO2????????????????0.1?**

?? ?? · Thursday, November 10th, 2022



hanibaram/iStock

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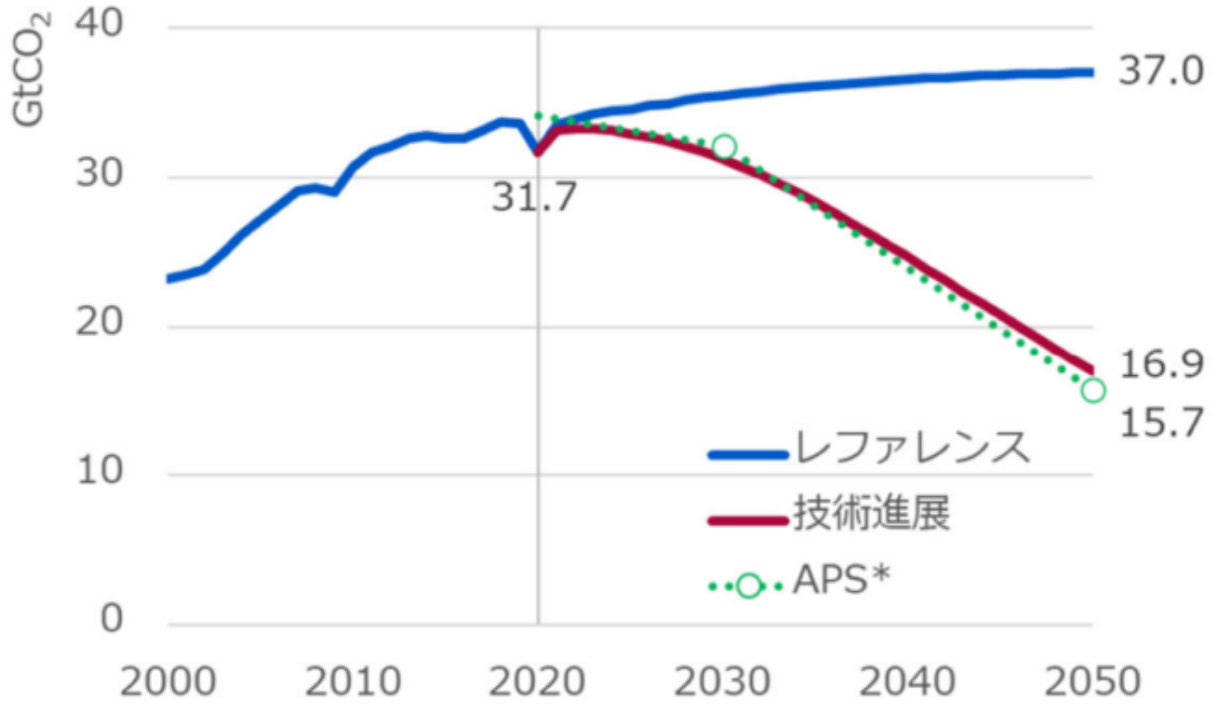
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CO2????????????????????CO2???????????????????????????????????? 2050  
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# エネルギー起源CO<sub>2</sub>排出量の見通し



IEEJ

CCS

0.1?

CO<sub>2</sub>

IPCC 1 CO<sub>2</sub> 0.5 IPCC 2013 0.44

2020 2050

- 0.47?
- 0.35?
- 0.12?

2020 CO<sub>2</sub> 30 2050 30 1

2050 CO<sub>2</sub> 4 0.5 4 0.12?

CO<sub>2</sub> 0.12 CCS

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

?? ?? · Thursday, November 3rd, 2022





bee32/iStock

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?? ?? · Monday, October 31st, 2022

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

**????????COP27**

?? ? · Sunday, October 30th, 2022

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

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Heiness/iStock

**????????COP26????????**

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

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9????????????G20????????????????????G7????????????1.5????????????????????????????????  
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**COP27????????????????????**

COP27????????????????????COP26????????????????????COP27????????????????????  
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Posted in ???, ????? | No Comments »

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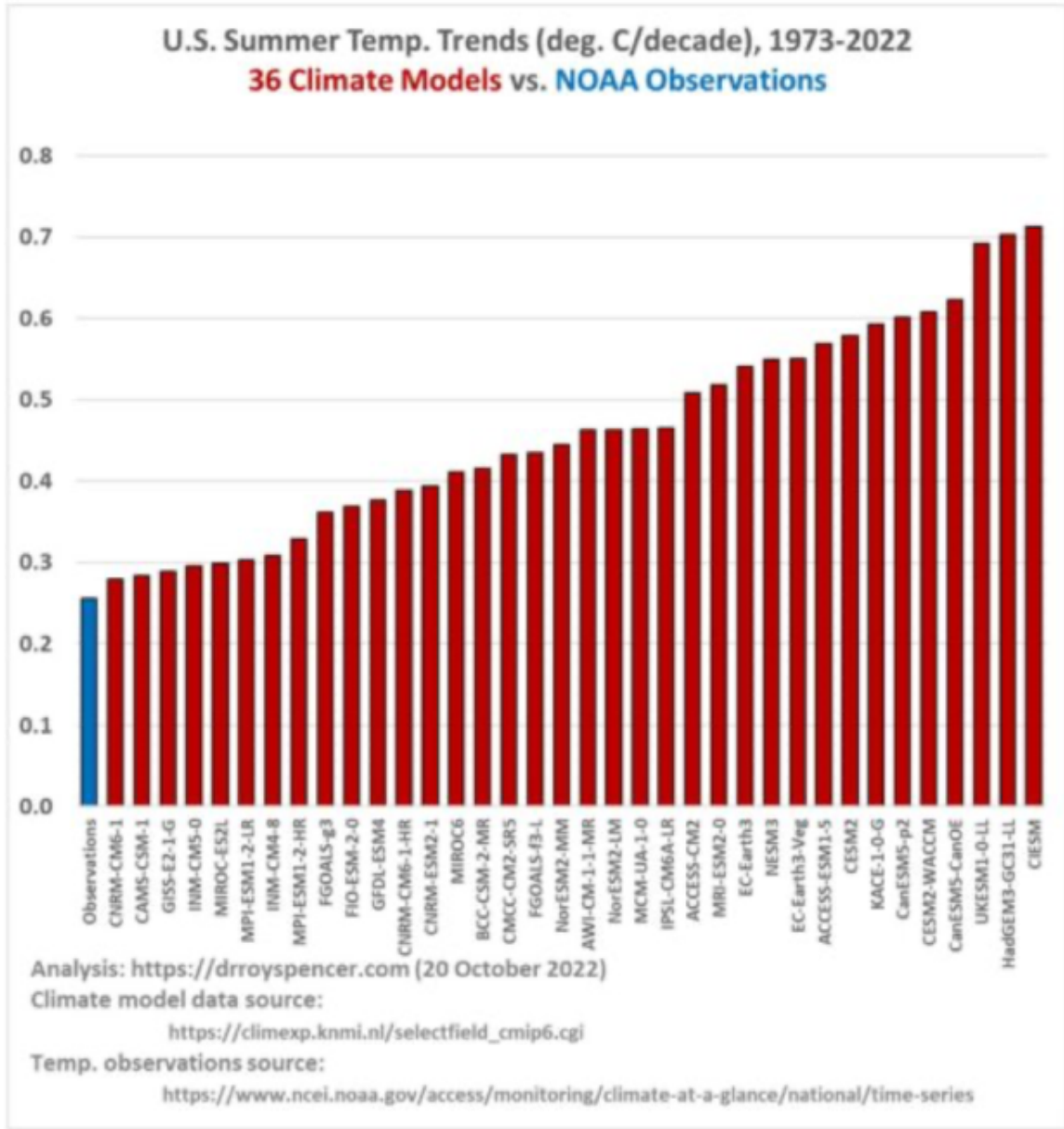
?? ?? · Friday, October 28th, 2022



Tr6/iStock

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

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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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10,500????????????39????NZBA????????2050????????????????????????????????????  
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??NZBA????????19????????????????????

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

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

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

????????1860????????ESG????8????????ESG????  
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**Governor Ron DeSantis Eliminates ESG Considerations from State Pension Investments**

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

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

?? ?? · Thursday, October 27th, 2022



RapidEye/iStock

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

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??IPCC?????????2.8????????????????????????????????  
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Posted in ???, ????? | No Comments »

**2050???????????????????? ?**

GEPR??? · Monday, October 24th, 2022

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Parradee Kietsirikul/iStock

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

??GH  
G??

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50????GHG??

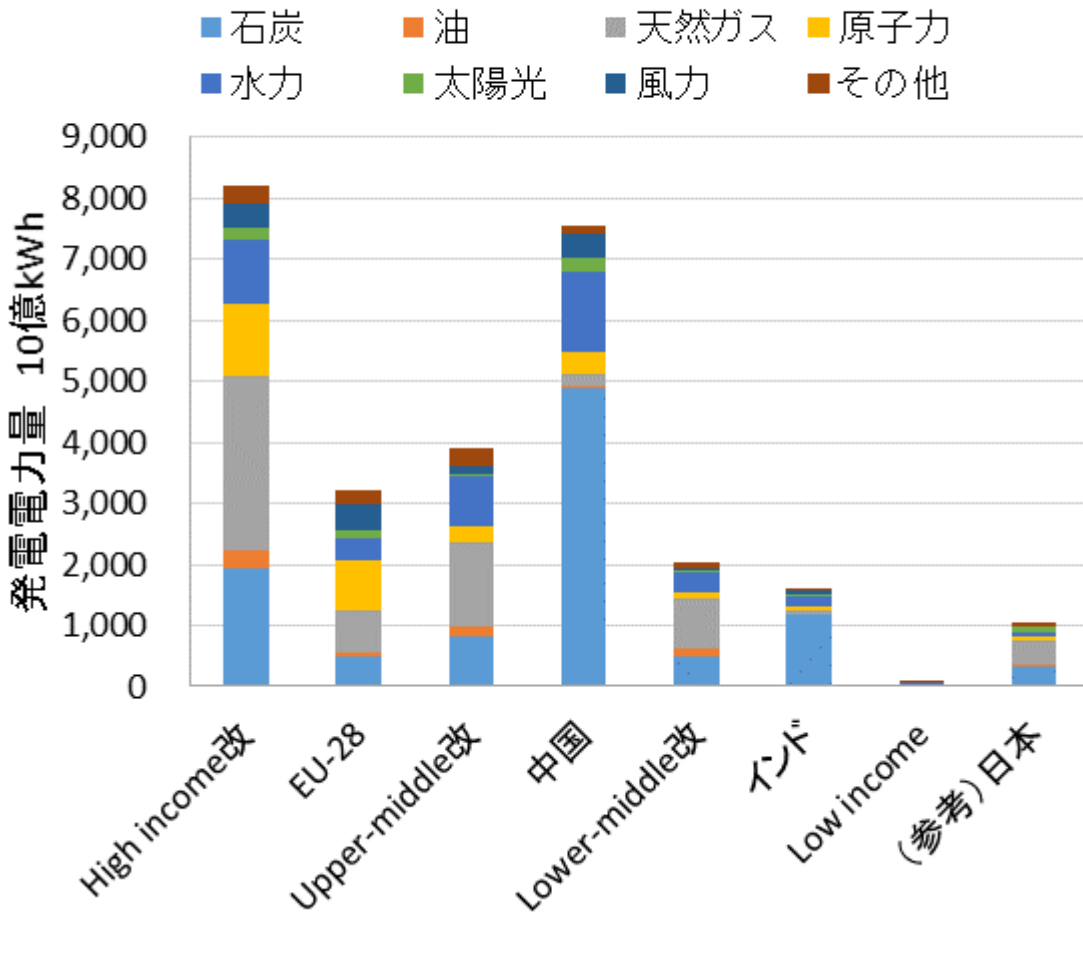
????2050?????????????????? ??

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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

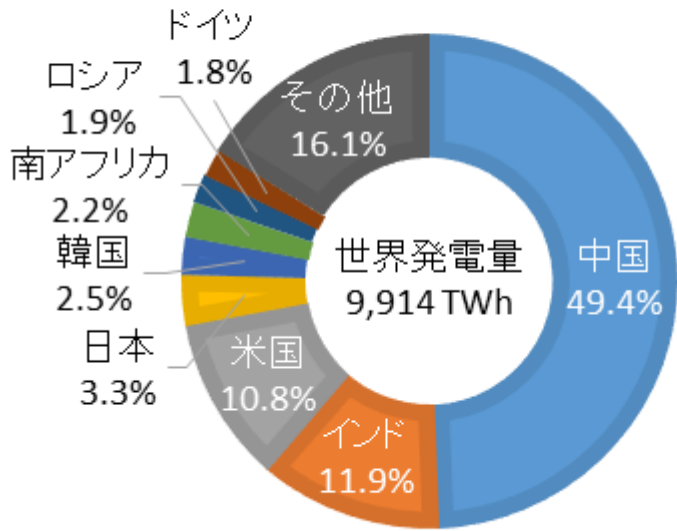
図-6のデータによると、2019年の発電電力量は、高所得国改で最も高く、約8,200億kWhに達しています。これは、天然ガスと水力の貢献が大きいです。中国は約7,500億kWhで、水力が主要な電源です。EU-28は約3,200億kWh、Upper-middle改は約3,800億kWh、Lower-middle改は約2,000億kWh、インドは約1,500億kWh、Low incomeは約100億kWh、(参考)日本は約1,000億kWhです。

2019年の発電電力量は、2019年のGHG排出量の約65%を占めています。これは、2019年のGHG排出量の約20%に相当します。2023年の発電電力量は、2019年のGHG排出量の約73%に達する予定です。これは、2023年のGHG排出量の約30%に相当します。

2023年の発電電力量は、2019年のGHG排出量の約73%に達する予定です。これは、2023年のGHG排出量の約30%に相当します。2023年の発電電力量は、2019年のGHG排出量の約73%に達する予定です。これは、2023年のGHG排出量の約30%に相当します。

図-7 世界の石炭火力(2019年)

出所: IEAデータ



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????????31.5%????????1970??  
 ???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

?2

?????????????9% ??High income?????????-6?????????????????????????????????????GHG???

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

?????????????????EU-27?????????????????????30-35% ???

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???2???% ??

???20-30% ???

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

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

????2050????????????2080????????????????????30????????????????????GHG????????????  
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GHG????????????????????????????????????GHG????1%????????????GHG????????????????  
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????????2050?GHG????????????????????????250????????????????????30????????????????  
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Posted in ??????????, ??? | No Comments »

## 2050???????????????????? ?

GEPR??? · Sunday, October 23rd, 2022

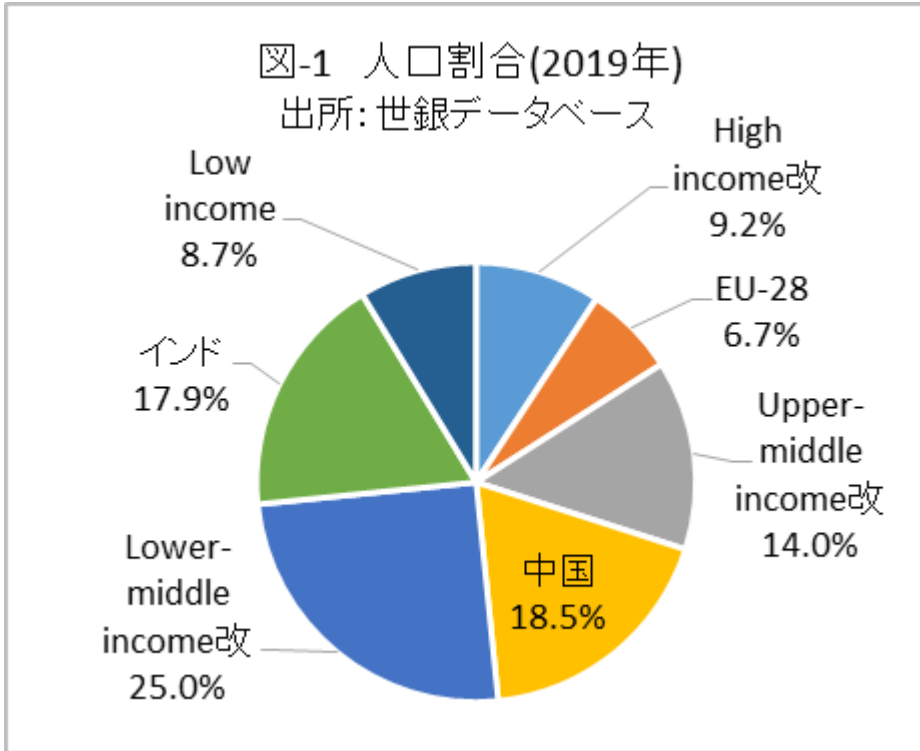
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?????EU-28????????????High income????????????????????High income????????????????????Upper-middle income?Lower-middle income??

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

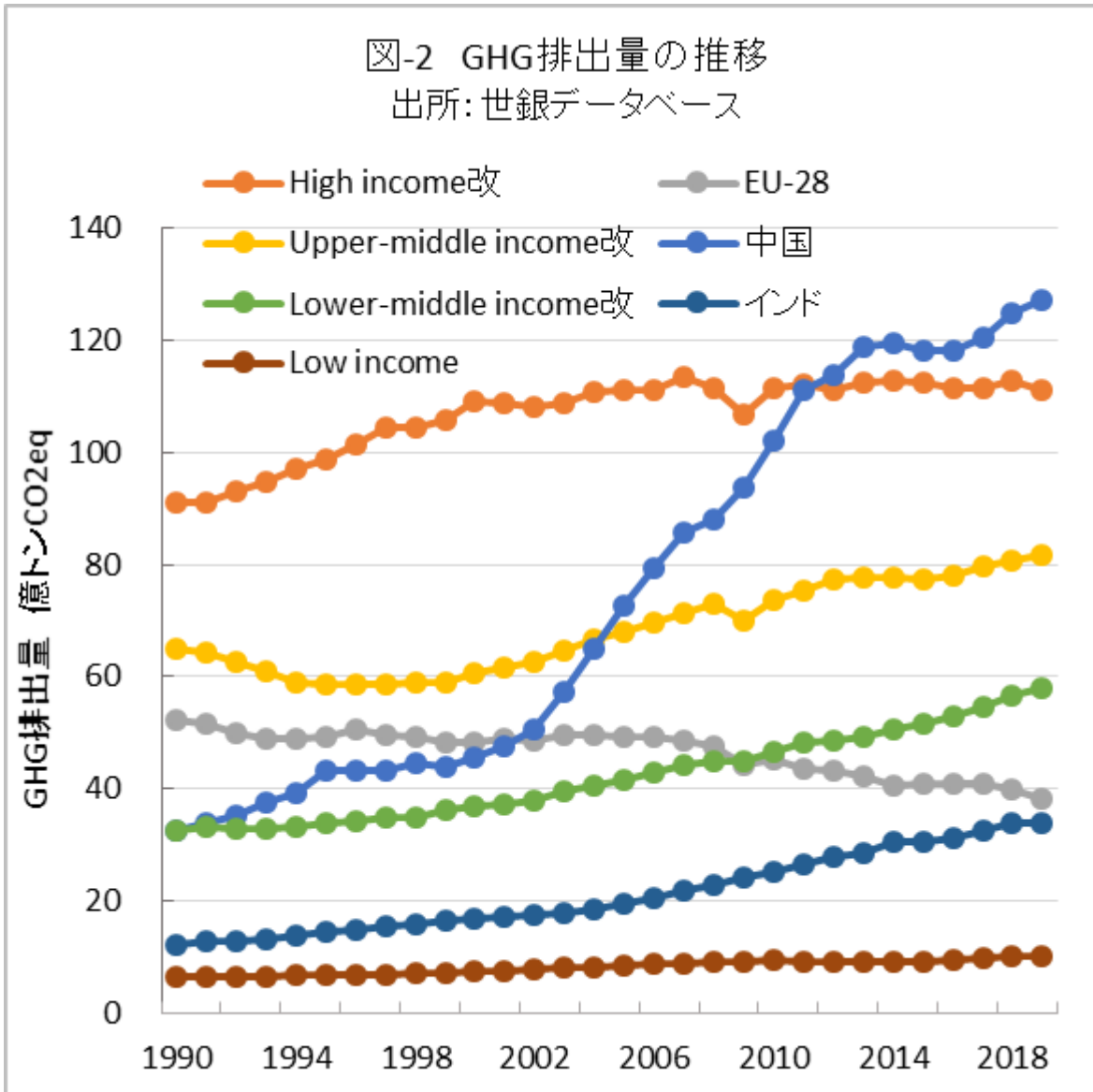
?-1????????????????2019????????????????????????????????????16%????????



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

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

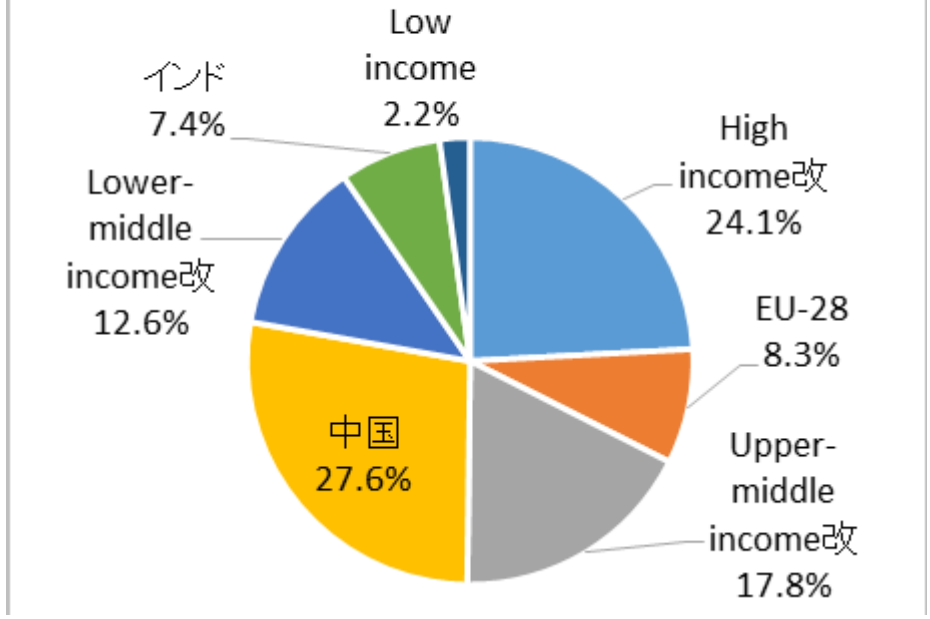


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?-3?2019??GHG????????????????????1/3????????????????2/3????????????????GHG????????????2%??  
????????????GHG????????????????????????????

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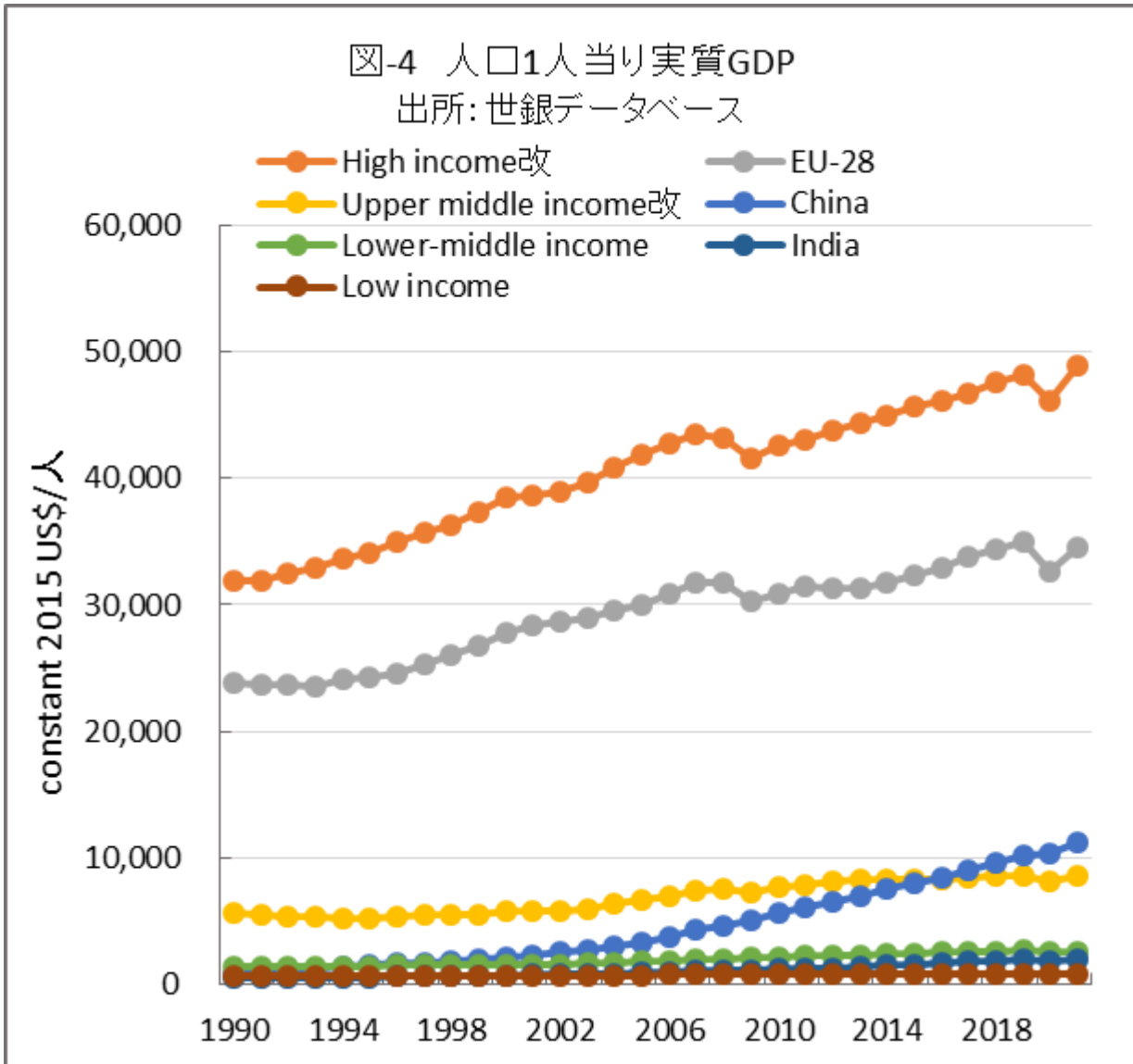
High  
 income???2019?GHG??90%??????  
 ??????2060?????2050??

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

2050?????GHG??

?-4??1?????GDP????????????-1?????????GNI??GDP????????G  
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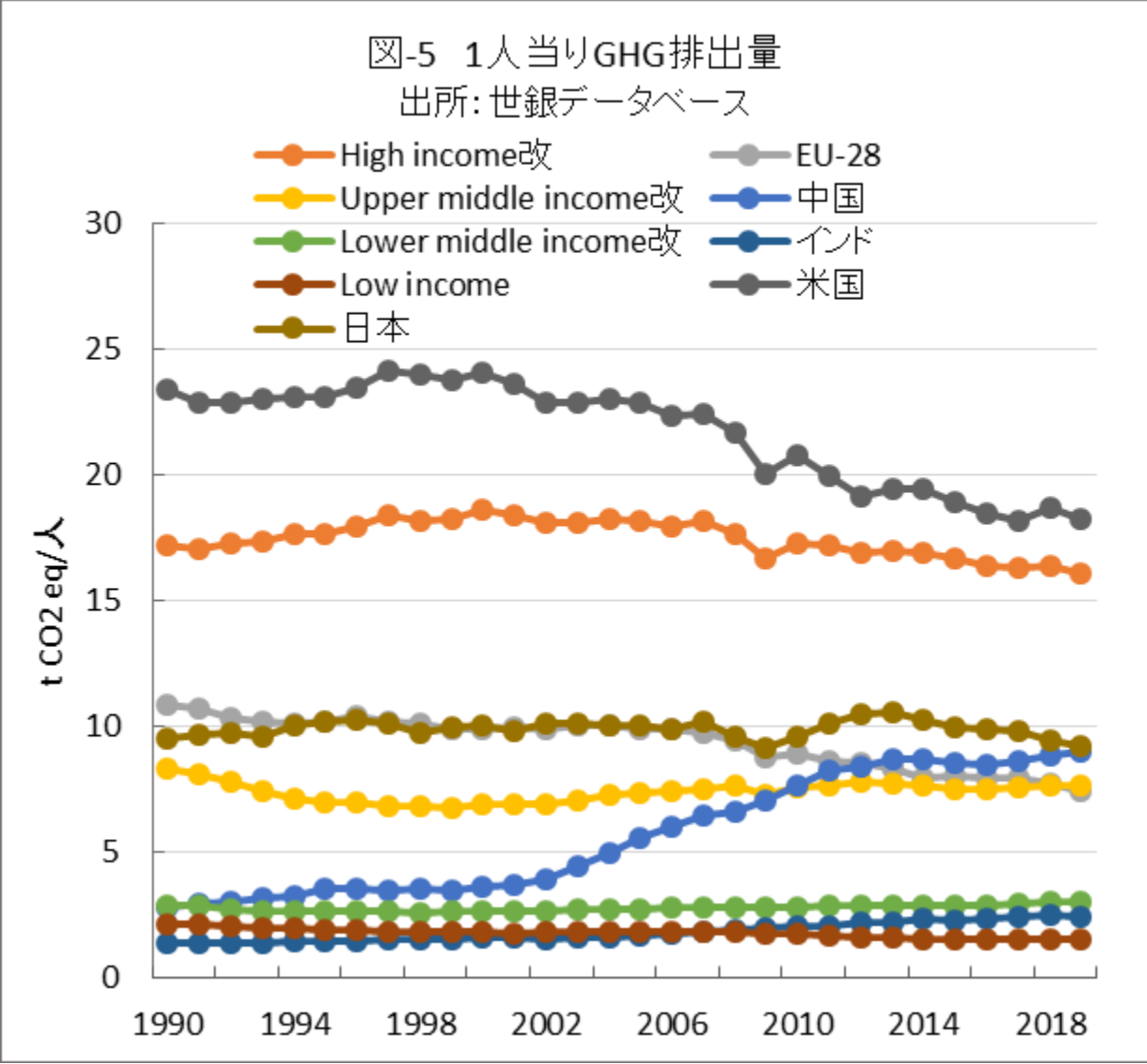


?4

????????1???GDP??  
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?-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????????????????????

??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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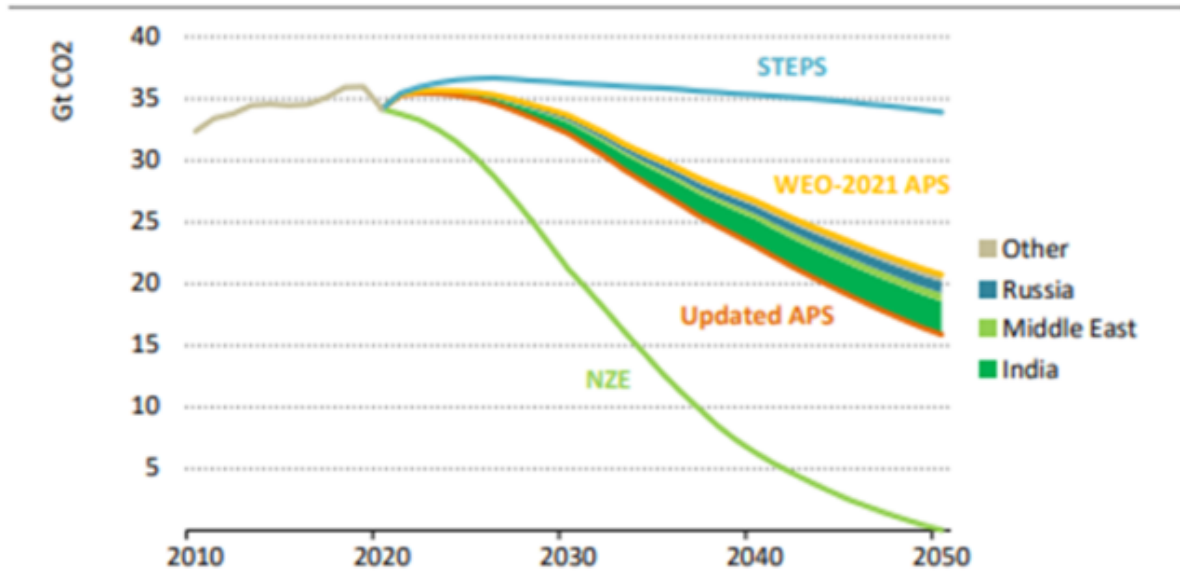
**IEA??2050??CO2??????**

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

**Figure 1.1** ▶ CO<sub>2</sub> 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 CO<sub>2</sub> 2020 35 Gt CO<sub>2</sub> 2050 16 Gt CO<sub>2</sub> 55% STEPS 2020 2050 CO<sub>2</sub>

2050 IEA GHG 2050 GHG

2050 GHG GHG

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Posted in , ? | No Comments »

**“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.<https://t.co/fMaPYsHGUT>

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

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?Tackling

Disinformation??COVID-19????????????????????????????????  
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You Tube??TikTok?????????Team  
Halo????????????????????????

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twitter????????Democratic Dictatorship?George Orwell????????????????

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Farm??  
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Disinformation????????????????WEF????????????????????COVID-19????????????????????????????  
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Posted in ???, ????? | No Comments »

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

?? ?? · Thursday, October 20th, 2022



ipopba/iStock

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??COP26????????????ESG????????????

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??99?? NZAOA?? NZAOA??

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??10?10?? ESG?? COP26??

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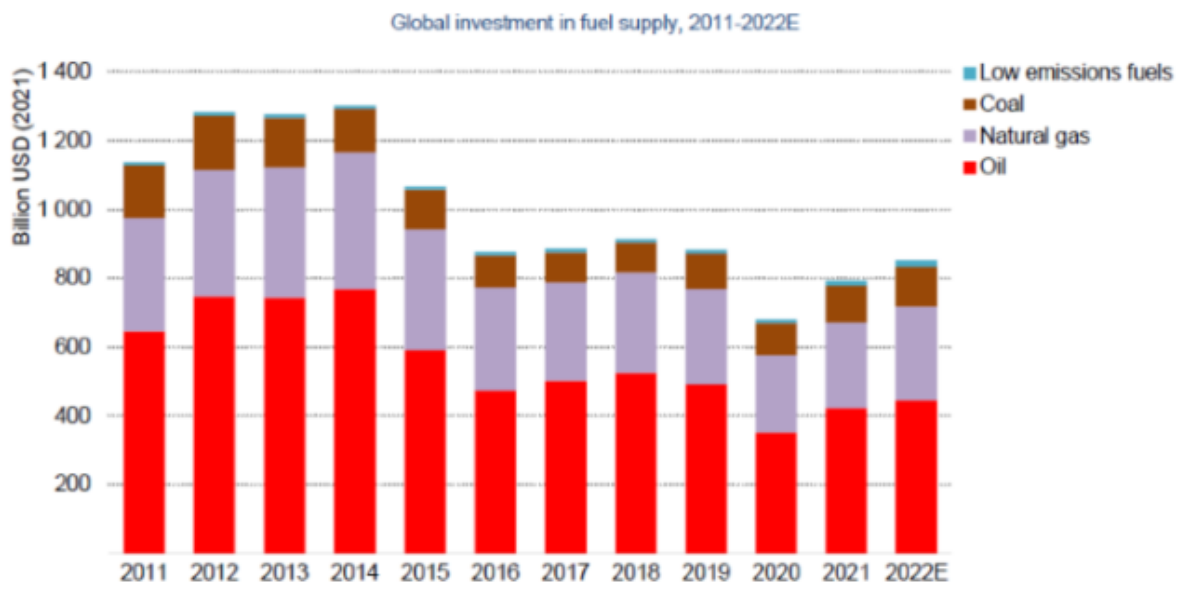
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??World Energy Investment 2022, IEA

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??IEA????????Net Zero by 2050????????2050????????????????????????????????1.5????????????????????????  
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????????2050??IEA?21????????World Energy Outlook  
2021??STEPS????????2030????????????  
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**ESG?**

ESG  
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Economy Environment Energy  
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**ESG 2.0?**

ESG  
ESG  
ESG

2050 2030

ESG  
ESG  
ESG

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ESG

ESG 3E S  
ESG 2.0

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# ????????????????????

?? ?? · Thursday, October 20th, 2022



1?2050????????????2030??  
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MadamLead/iStock

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?SDGs??

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

### 11??COP27????????????????????????????????????

?? ?? · Sunday, October 16th, 2022

11?6??????11?18??27??????COP27?????????

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Asiya Hotaman/iStock

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COP26??

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

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

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

??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????????????  
??CO<sub>2</sub>?????

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26??CO<sub>2</sub>????????????????????  
CO<sub>2</sub>??  
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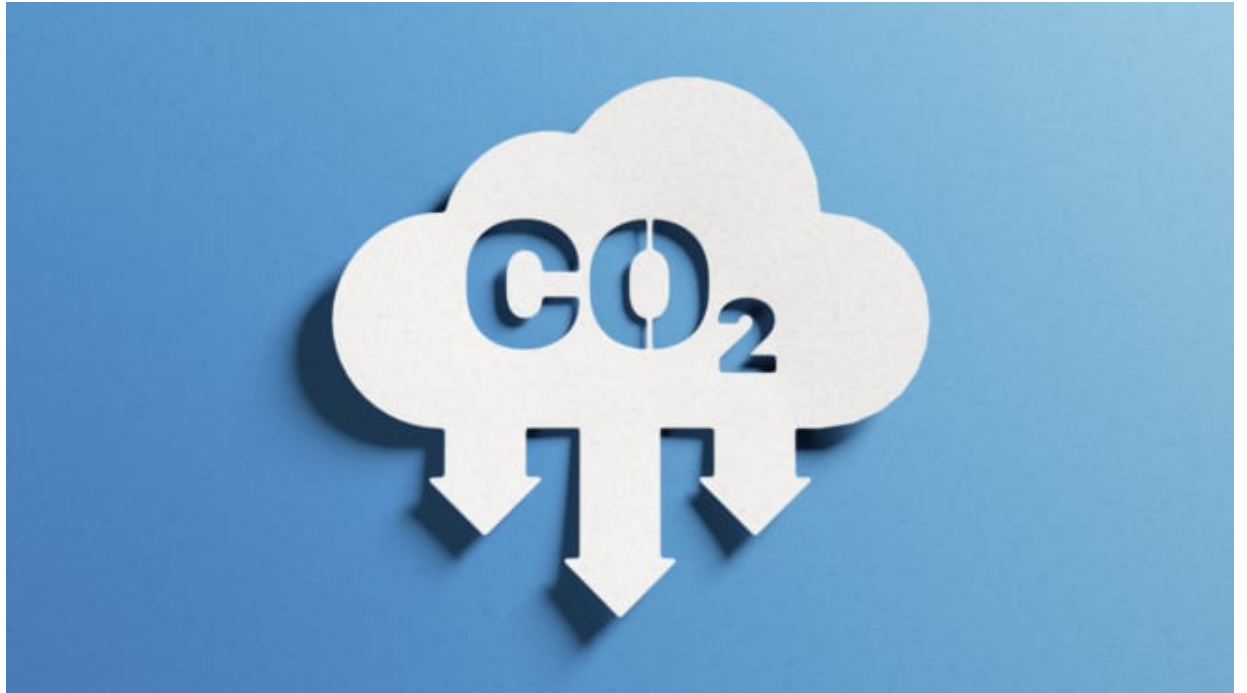
Posted in ???, ????? | No Comments »

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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????????????????6.5????  
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- 3. ?????????????2030????1??100??1?????????  
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- 4. ???

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- 1. ?????????????CO2????????????  
????????????CO2????5775??×31=17.9?????

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

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- 4.5????
- 0.00022??
- 0.0013??
- ??1????CO2?????0.5????????  
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## ■エネルギー起源CO<sub>2</sub>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-CO<sub>2</sub>eq)

	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 <sub>2</sub> 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







Posted in ???, ????? | No Comments »

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?? ?? · Monday, October 10th, 2022

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y-studio/iStock

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?SDGs??

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

**????????????????????????????**

?? ?? · Tuesday, October 4th, 2022



Daniele Mezzadri/iStock

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

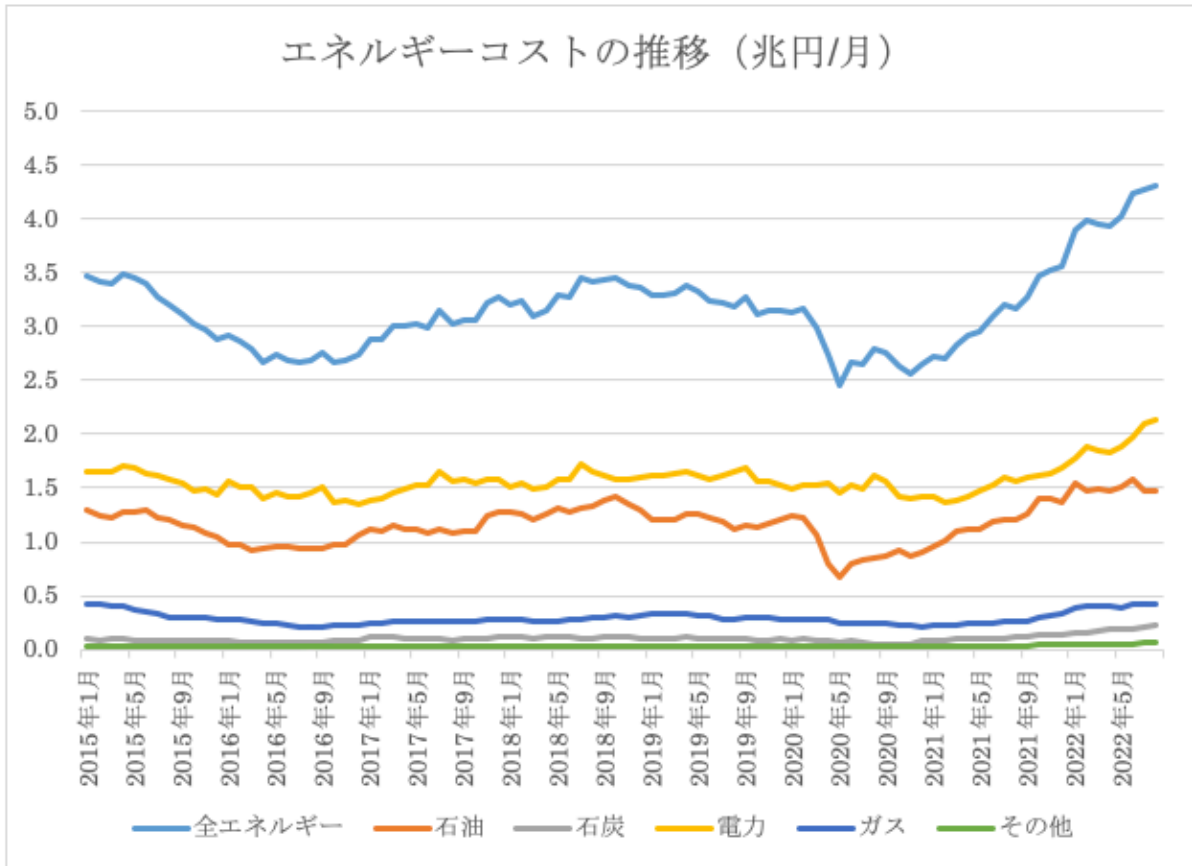
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??2022年8月????????????4.3????????2.1?????

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

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?? ?? · Monday, October 3rd, 2022



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

### ????????SRZ1200????

?? ?? · Sunday, October 2nd, 2022

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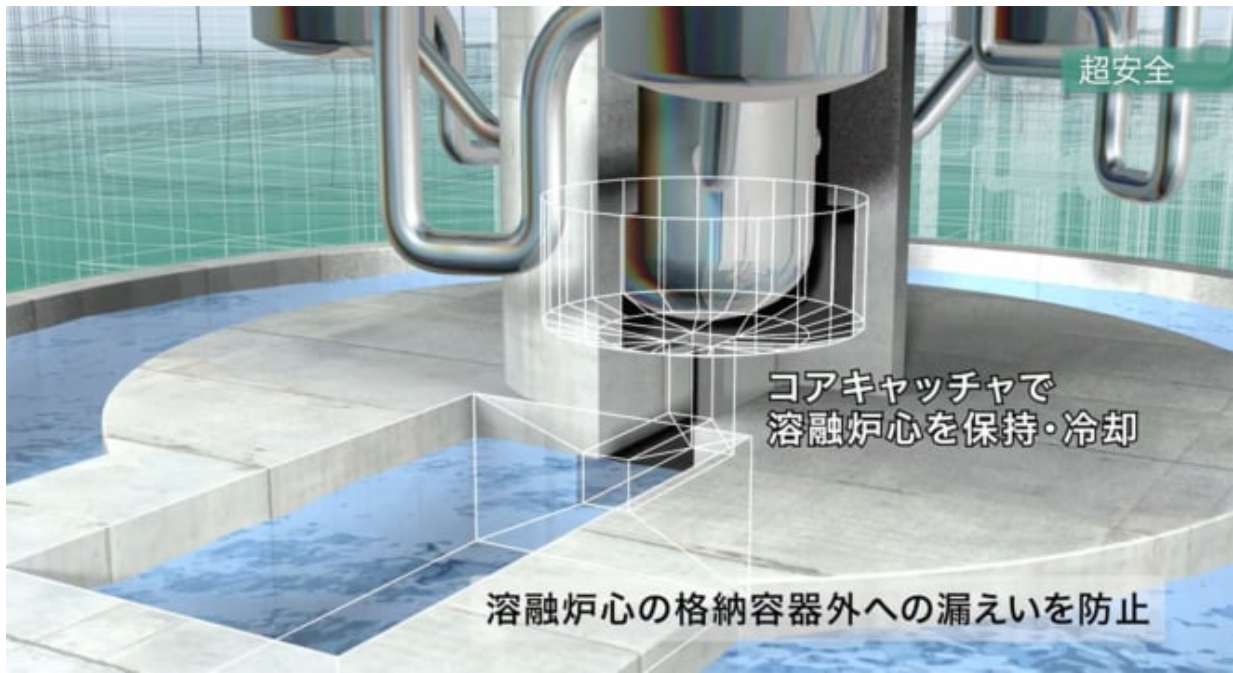
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??????929????????????????????????????????4????????????????????????????????2030????????????  
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**SRZ1200?????**

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

1200????????????????120kW??



DiscoverMHI (Mitsubishi Heavy Industries, Ltd.)??

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

# NHK????????????????????????????

?? ?? · Sunday, October 2nd, 2022



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?2020??CO<sub>2</sub>????????????

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

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

2??

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

??2050??1.5????  
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2021?8??2030????????????????????????????2030????????1kW  
h????8.2?11.8??

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??LCOE??  
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??JP????????????CEO????????????????????????????????

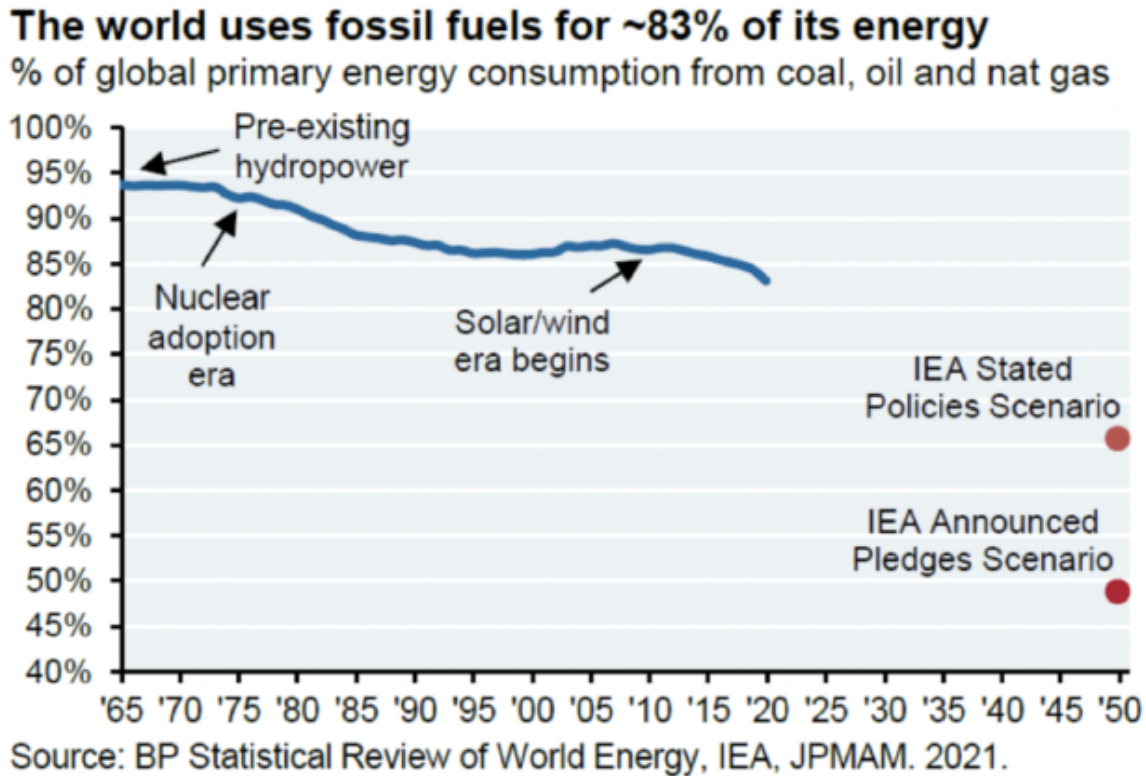
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??COP27????????  
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??BP?IEA??  
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Posted in GPER, ??????????, ????? | No Comments »

## NHK??

?? ? · Saturday, October 1st, 2022

9?25??NHK????????????????????????????1.5????????????????????????????



Twitter??

NHK record 1.5

NHK 1.5

NHK 1.5

NHK 4

NHK

1.5°C

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1.5??????	1.5????????????	1.5????????????
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?1.5??ASEAN????????1.5????????????????????????????????  
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Posted in ??????????, ??, ???? | No Comments »

### ????????ESG????????????

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

2050????????????2030?CO2??ESG????????  
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xijian/iStock

ESG?E????????????????????CO2????????????????????CO2????????  
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???ESG?S????????????????????SDGs????????????????????????  
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???2012????????????????????????????????????2010??2019??10????????????  
%????????25%????????????2022????????????????





small smiles/iStock

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NV??9????????????????????????????????????OCI????????????????????  
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Posted in ???, ????? | No Comments »

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



halbergman/iStock

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8?16??

??3.5????????????Build Back  
 Better(?????)????????????????????????????????????10????7370????????4370????????????????????????3690  
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??2030????????2005????????????????40????????????  
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Posted in ??????????, ??, ?? | No Comments »

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?? ?? · Sunday, September 18th, 2022

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CO2

12 CO2

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(EV) EV

CO2

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Posted in ???, ????? | No Comments »

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



igorartmd/iStock

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herraez/iStock

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