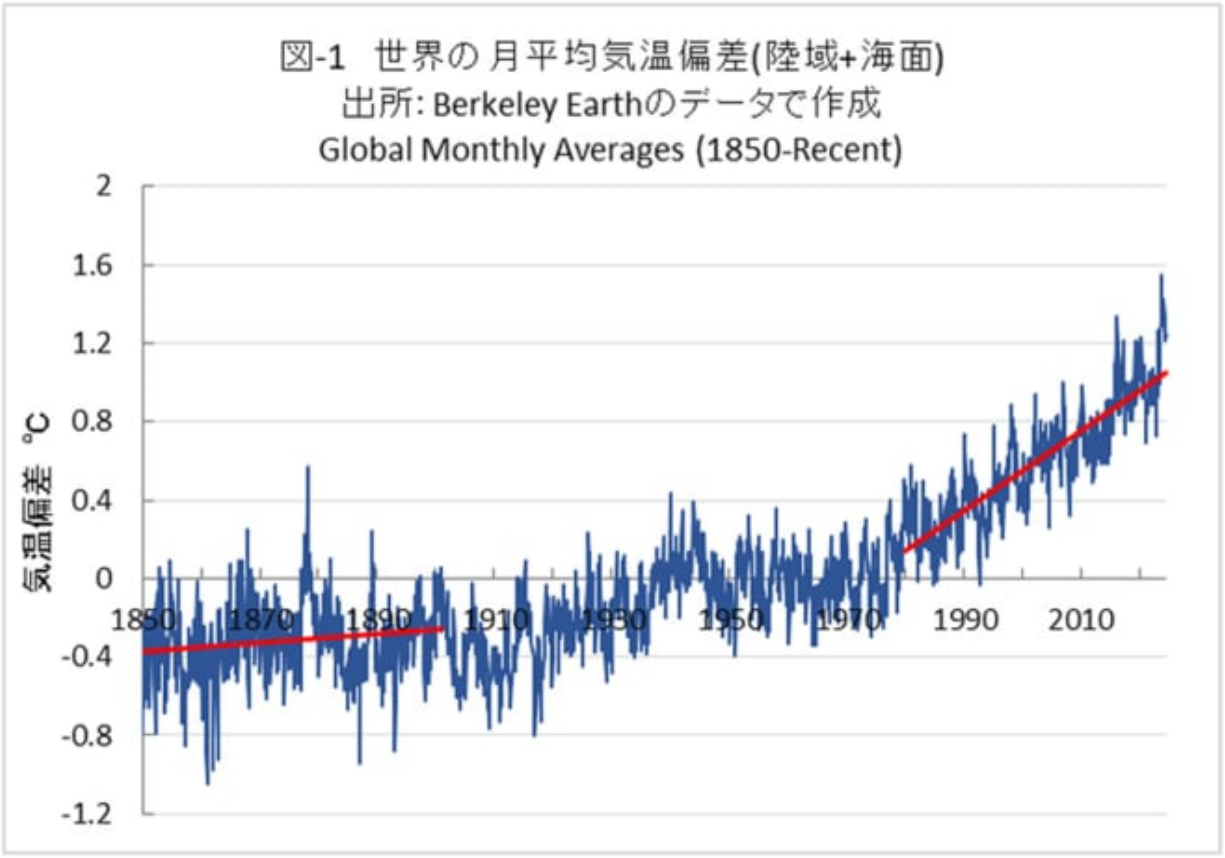
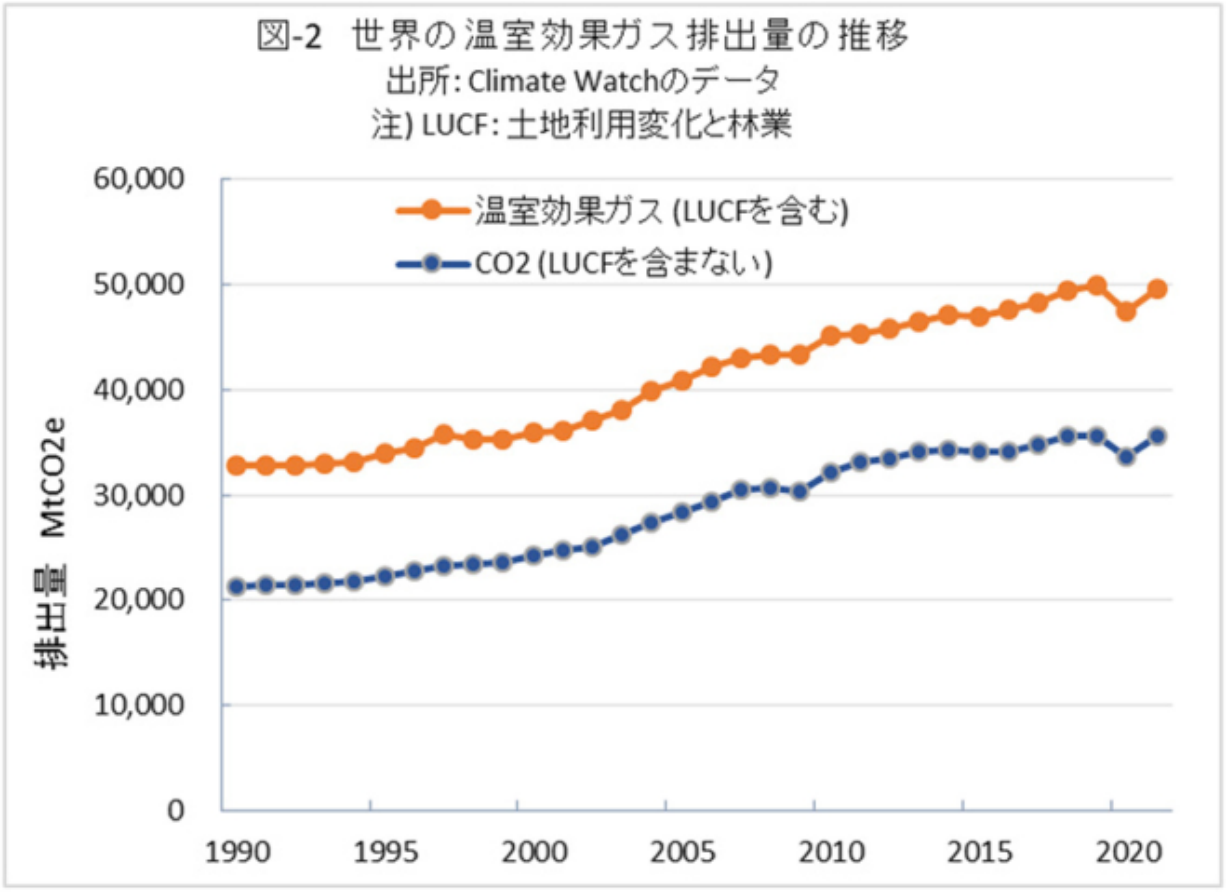
Global Energy Policy Research | GEPR

GEPR??????????????



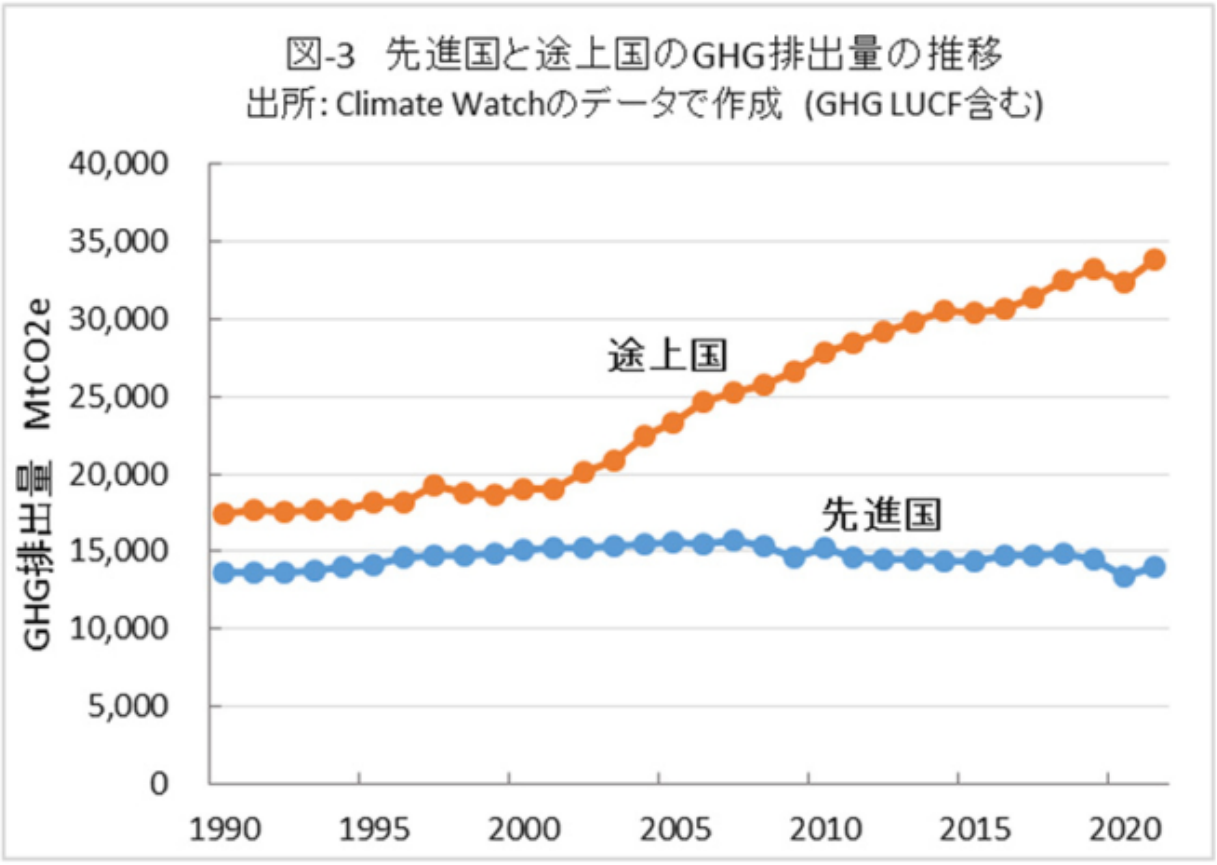
?1

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


図-2 世界の温室効果ガス排出量の推移
出所: Climate Watchのデータ
注) LUCF: 土地利用変化と林業
60,000
50,000
40,000
30,000
20,000
10,000
0
排出量 MtCO2e
温室効果ガス (LUCFを含む)
CO2 (LUCFを含まない)
1990
1995
2000
2005
2010
2015
2020

?2

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



?3

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

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

?1??????????????????????1???GNI???4??????World Bank country classifications by income level??FY22?????2021-2022??????????

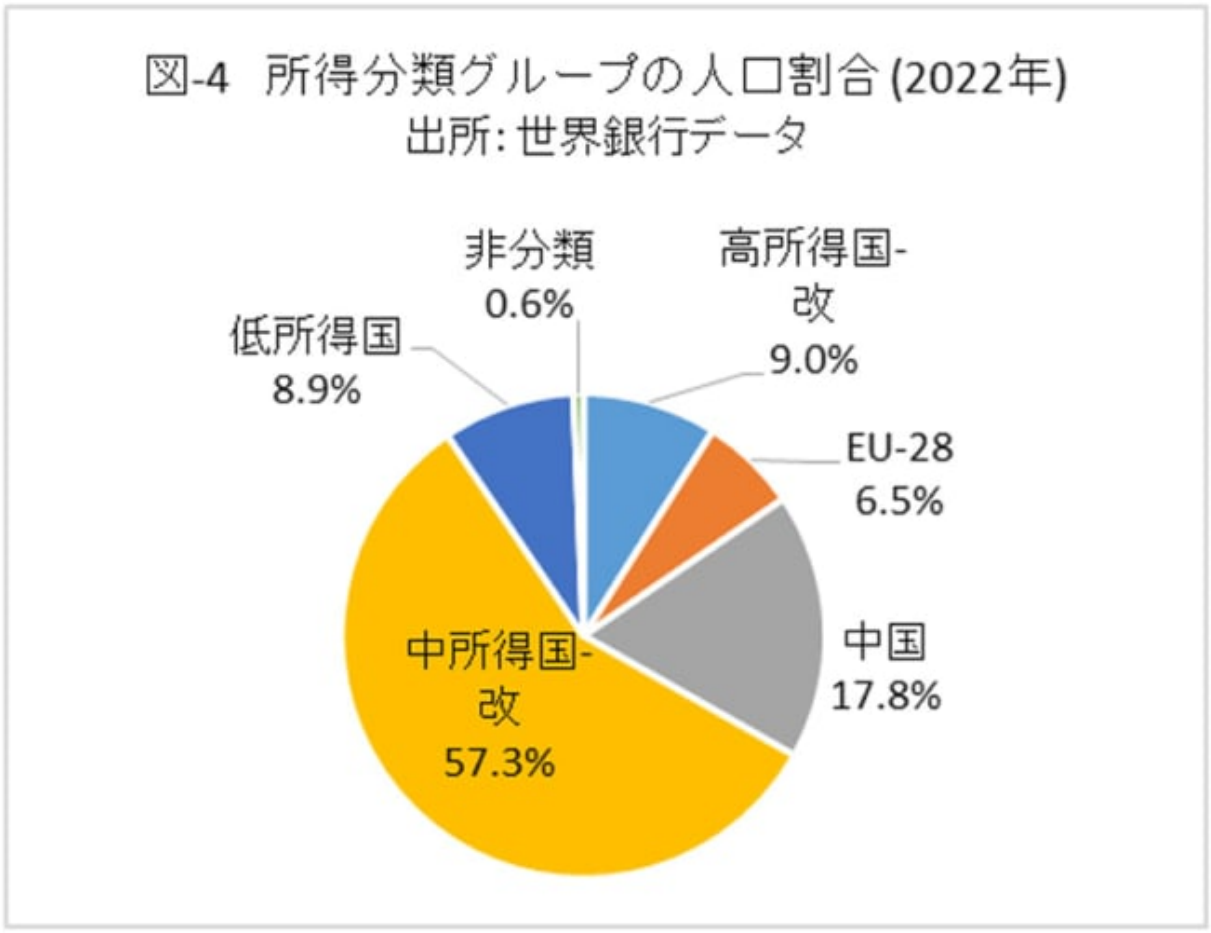
表-1 世界銀行の所得水準による国分類と本報告の国分類

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
途上国	Upper-middle income countries	4,096 - 12,695		ブルガリア含む
			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	

?1

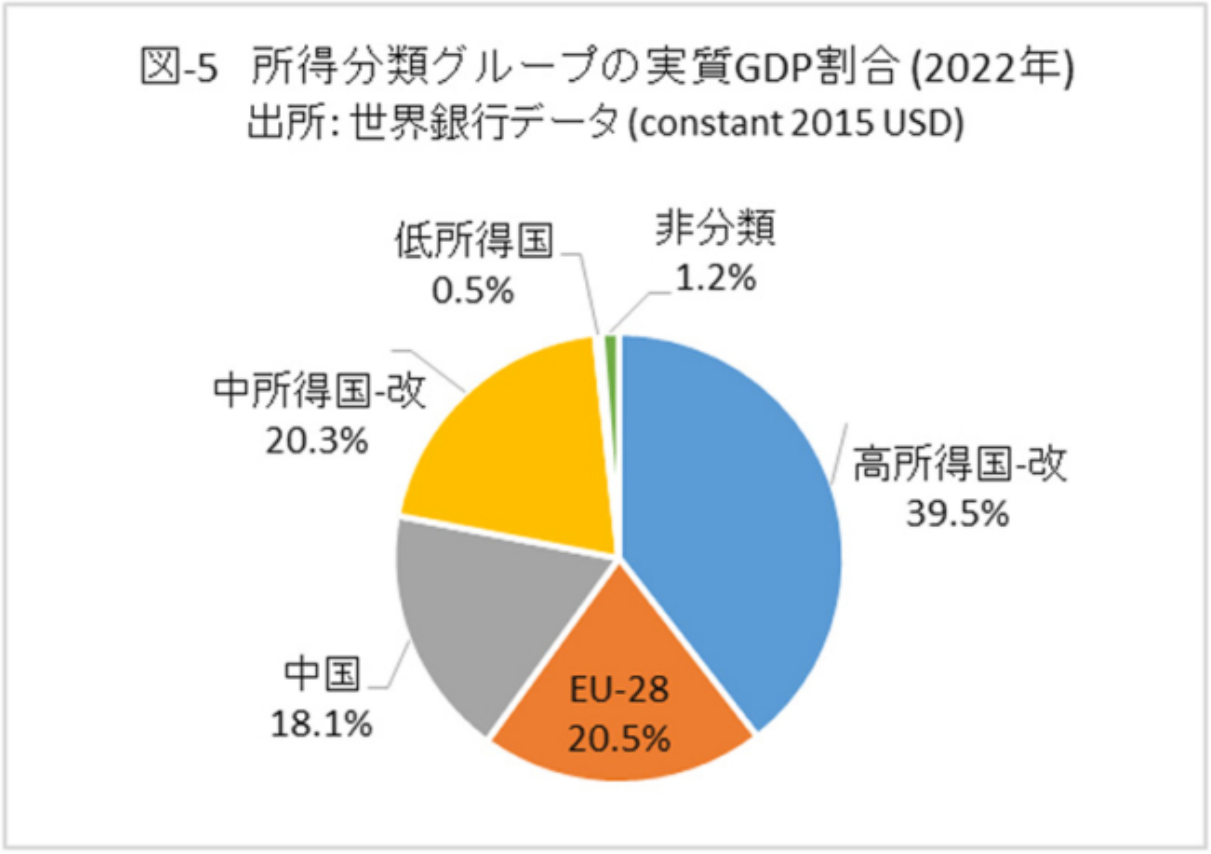
GHG??????????????????EU-28??EU-28??????????
???-????????????????????????????????-????????

???200??????GHG????GDP???5???????????????



?4

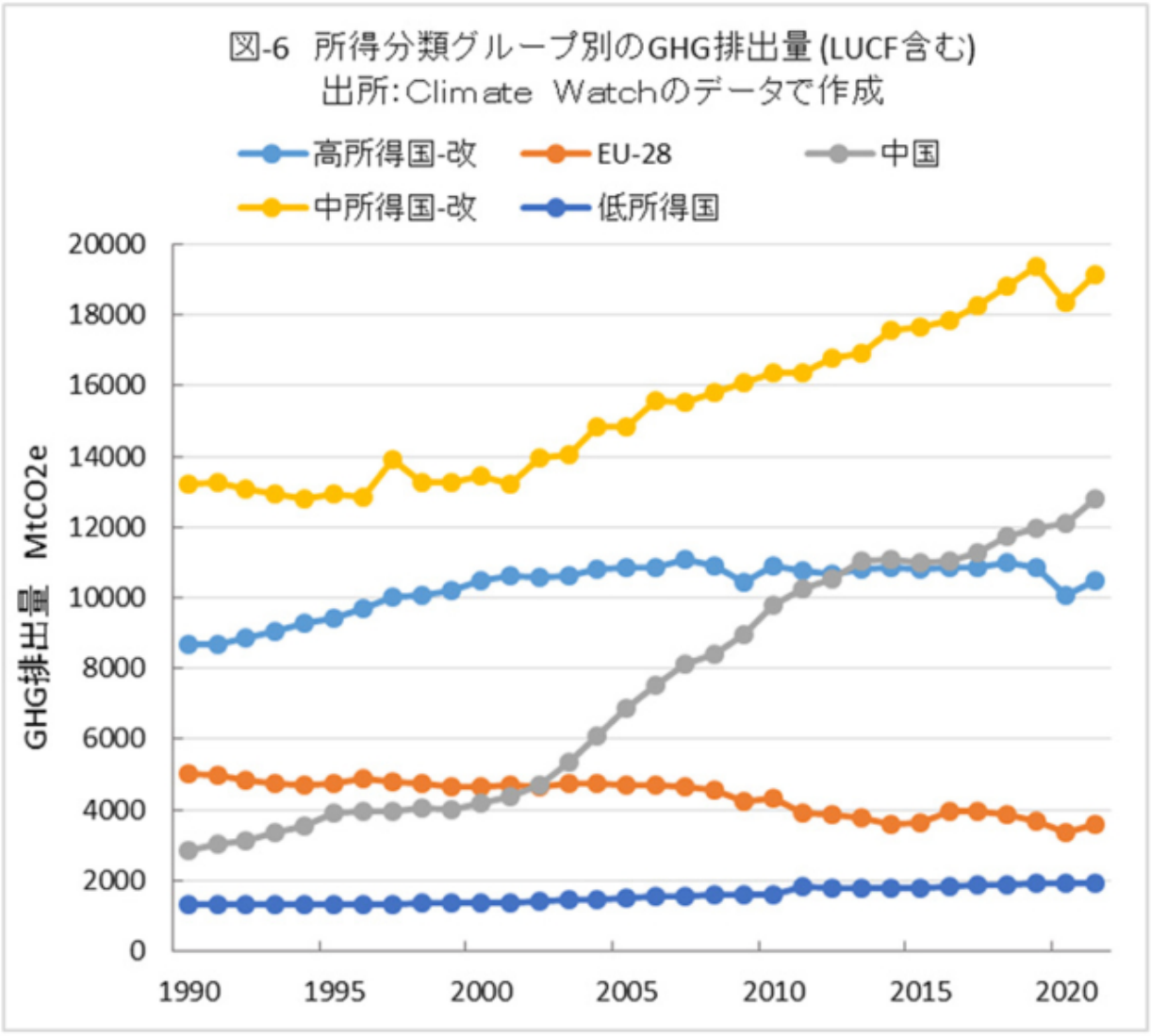
GHG??????????????????????????????2022?????????????????3/4?????????GDP?40%?????



?5

????????

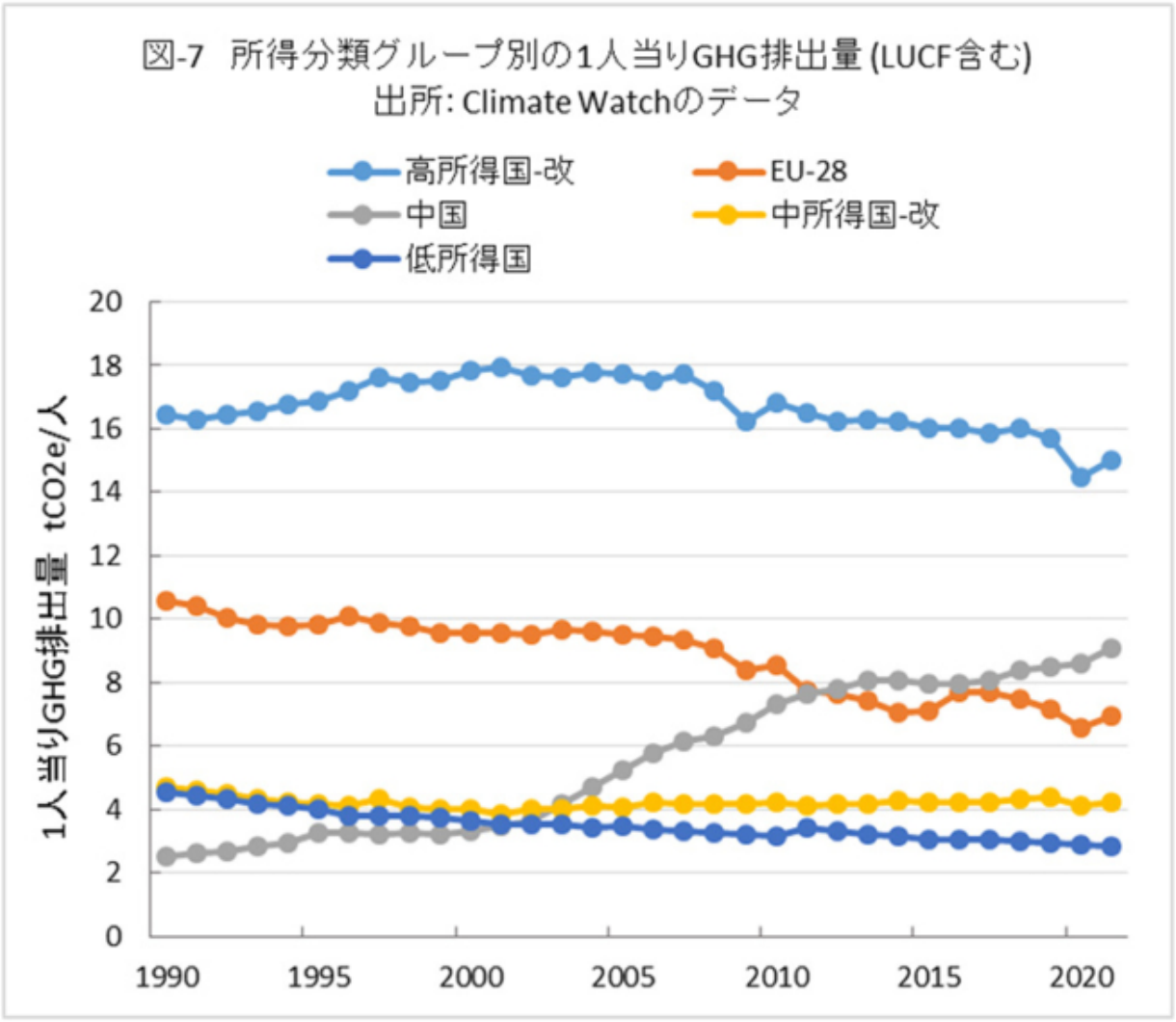
EU-28?GHG??????????????????-??????????????????????-
??????GHG??



?6

????????GHG??????????????????GHG????????????????????????????????1????GHG?????????????
?

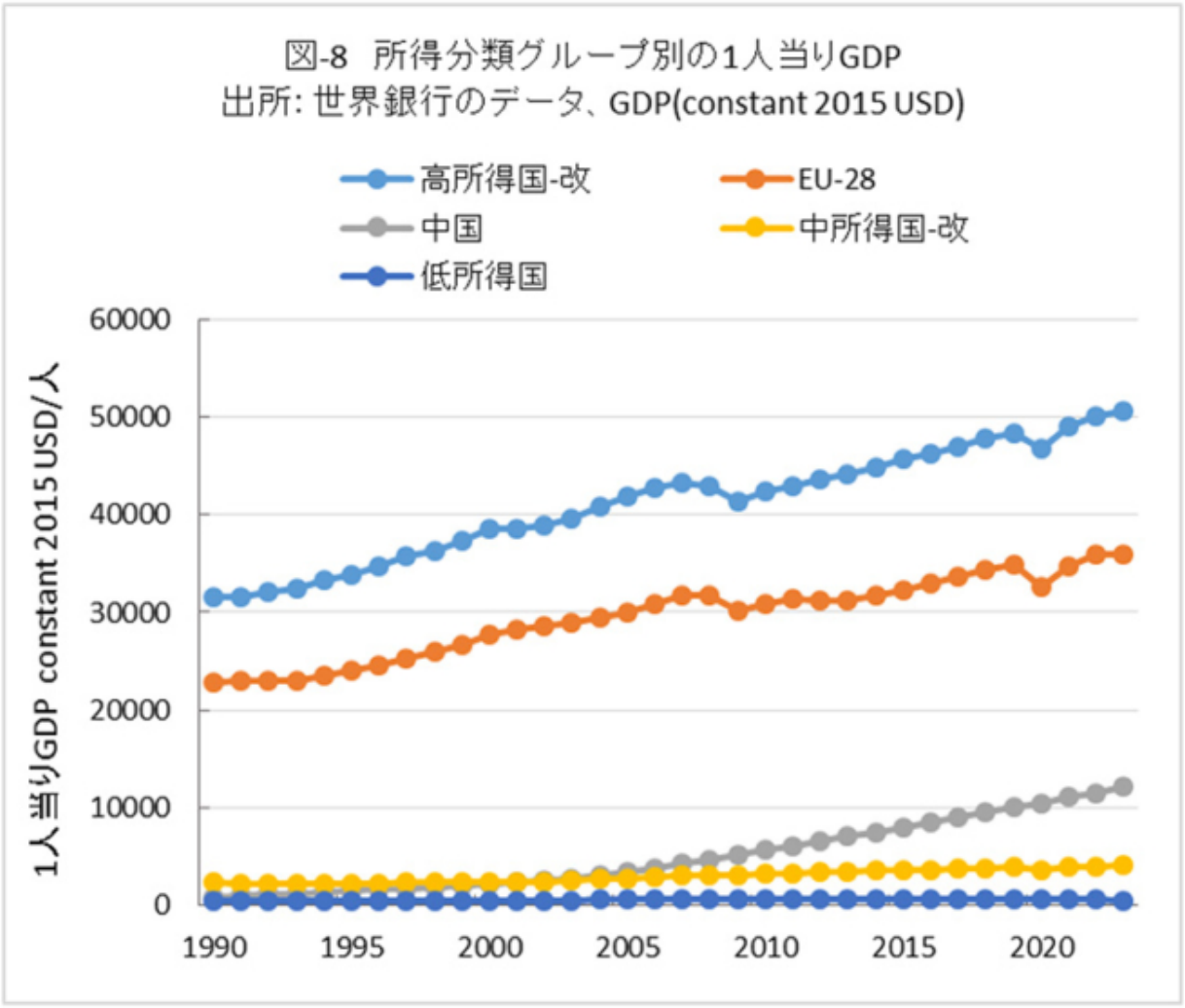
?7?????????1???GHG?????????????



?7

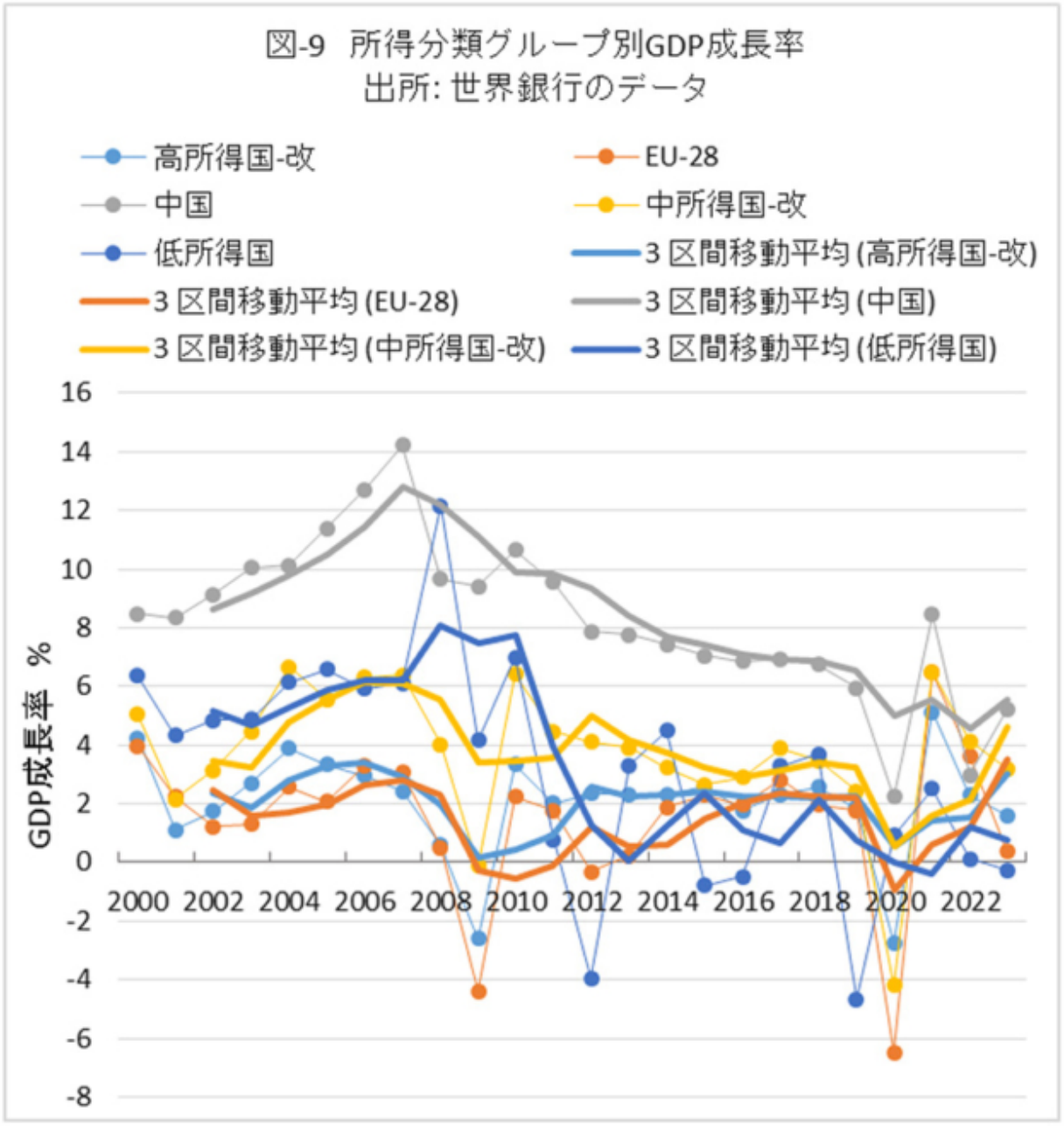
???????-??1???GHG?????????-??3??1?????GHG???????????EU-28???????60%???????????-??????????GHG????????????????????????

?8?????1??????GDP??????????????????-?????????-??10??1???EU-28?12%??GHG????????????


図-8 所得分類グループ別の1人当りGDP
出所: 世界銀行のデータ、GDP(constant 2015 USD)
高所得国-改
EU-28
中国
中所得国-改
低所得国
1人当りGDP constant 2015 USD/人
60000
50000
40000
30000
20000
10000
0
1990
1995
2000
2005
2010
2015
2020

?8

?9????????GDP??????????????GDP????????????????????????????3??????????????

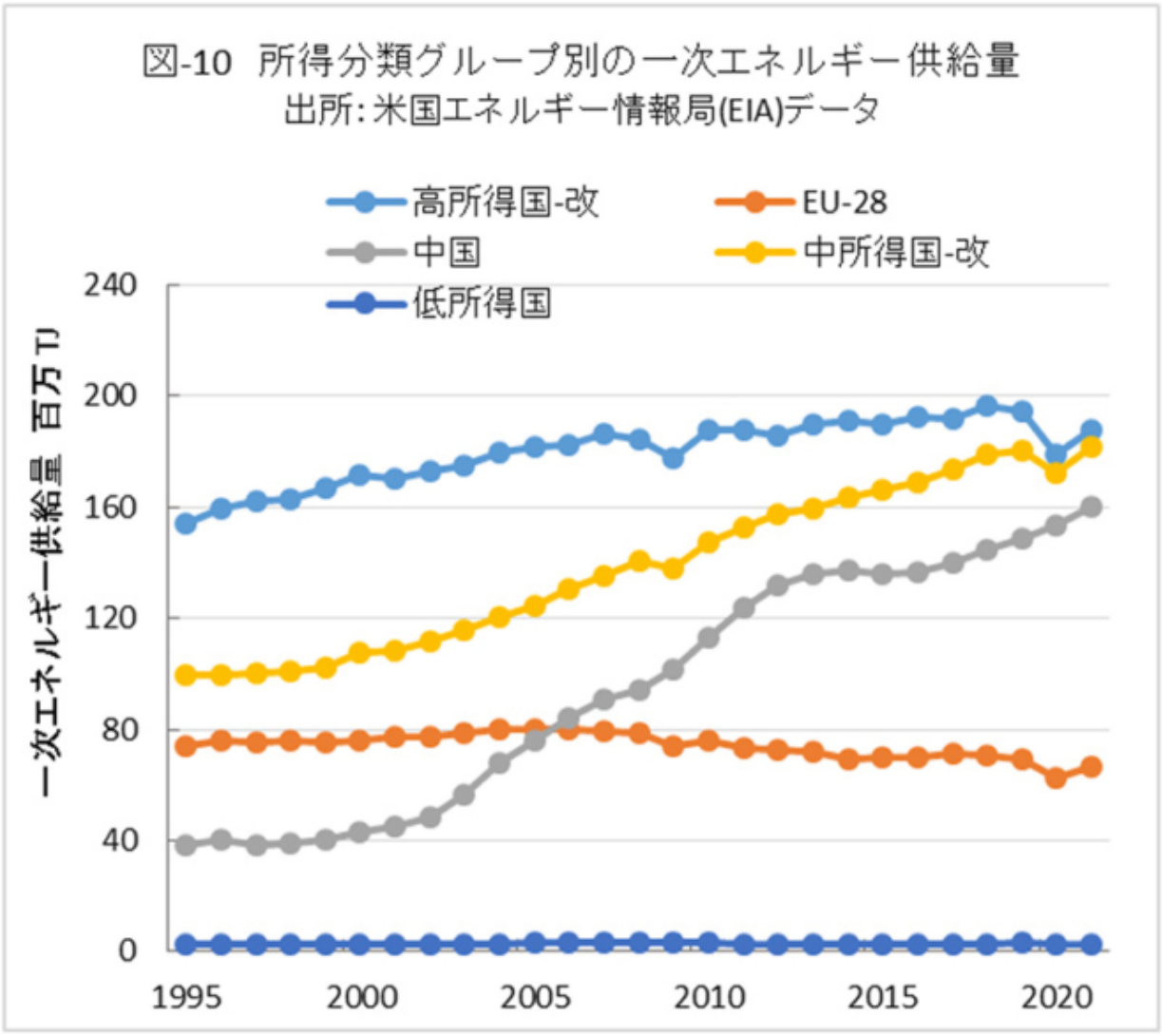


?9

??????????????????????????????????-??EU-28?2%??????????????-???3%????????????????

2010??GHG????????????????????
????????????????????????????

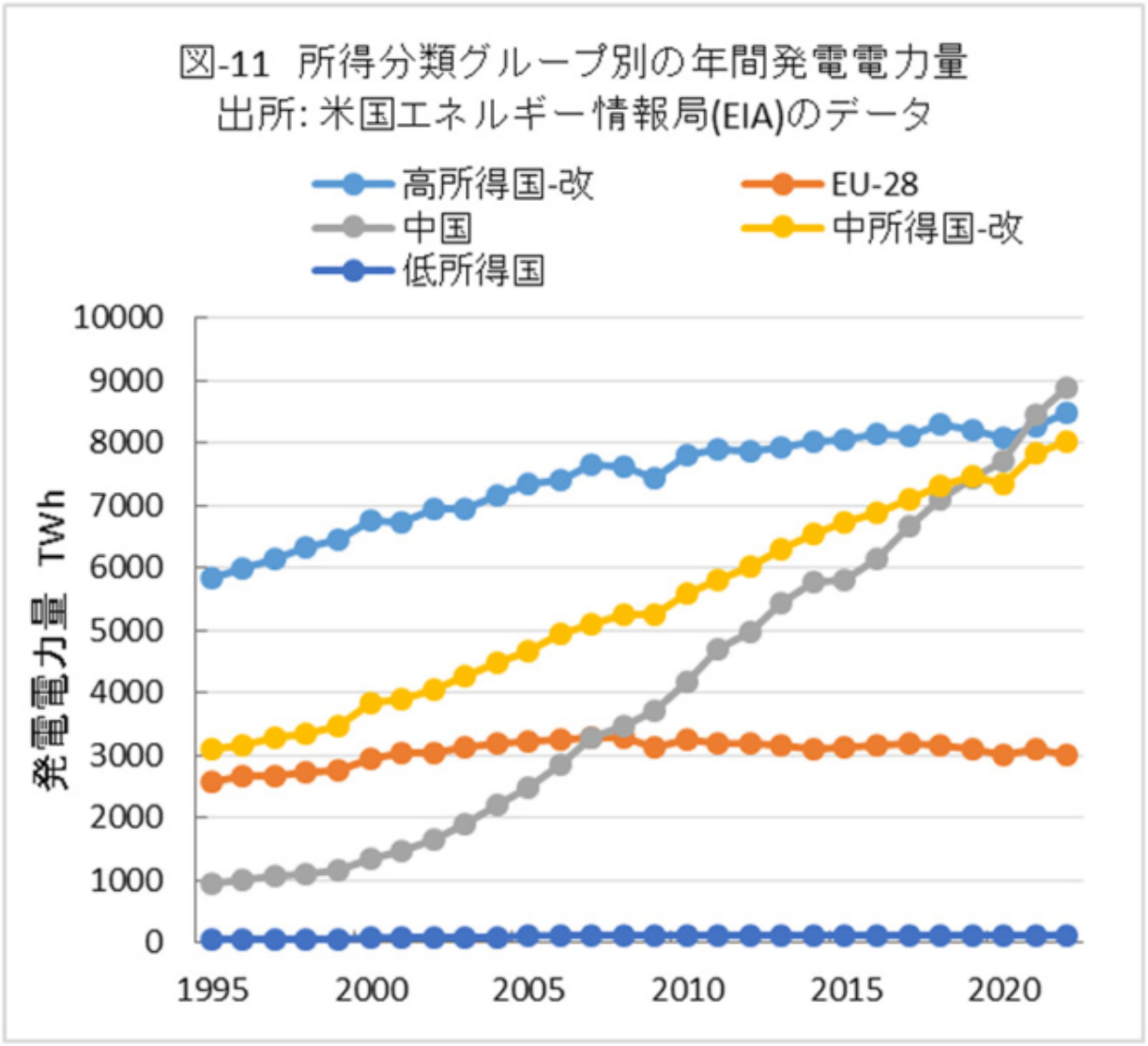
?10????????????U.S. Energy Information Administration??International????????????????????????????????????



?10

???EU-28??????????????????????????-????????????????????-?????????????

?10??????????????????11?????????EU-28????????????????????-????????????????????????-
???????????????



?11

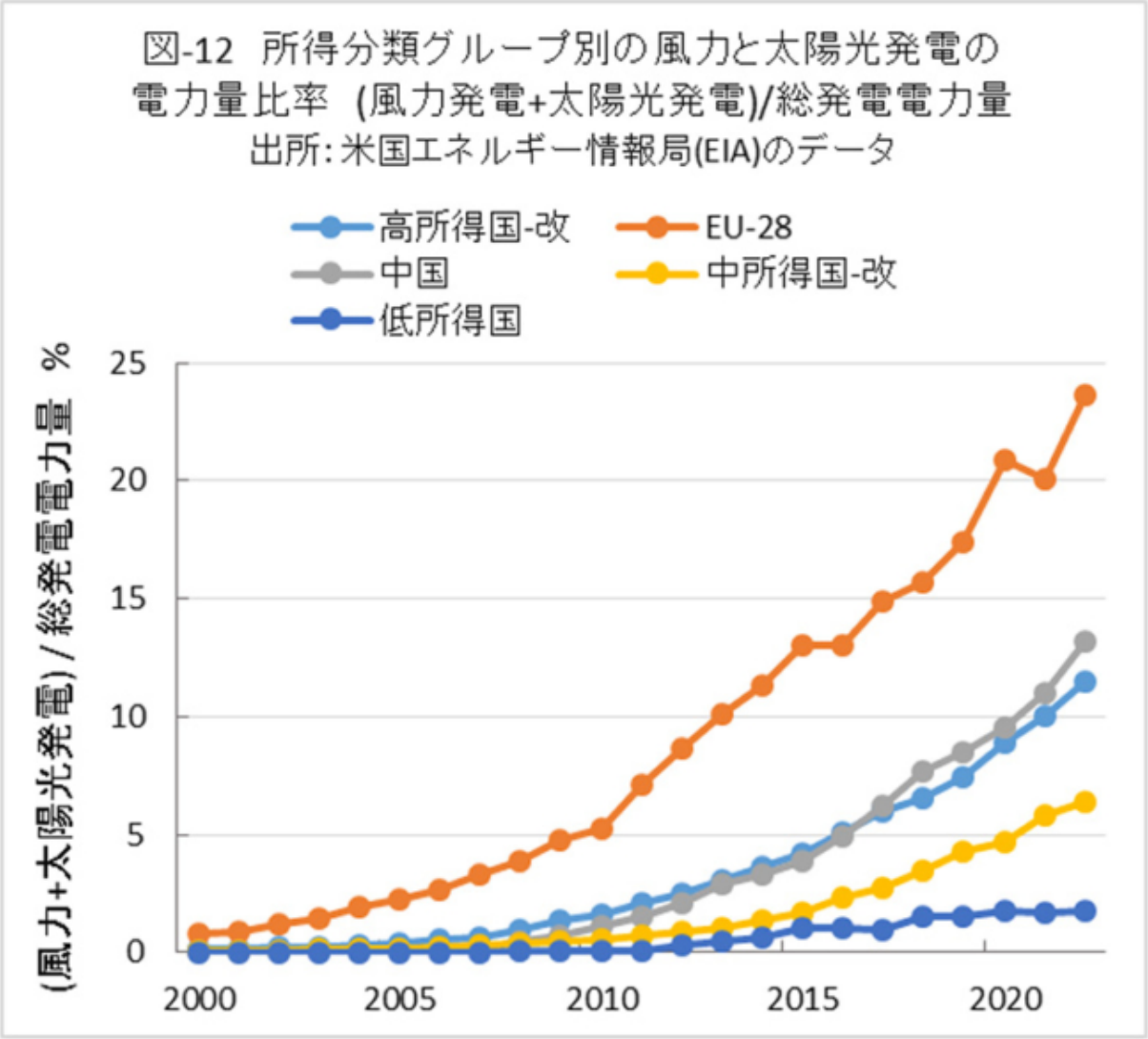
??????????????????????????????????

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

??

?12??EU-28?????????????????-??????????-?????????????

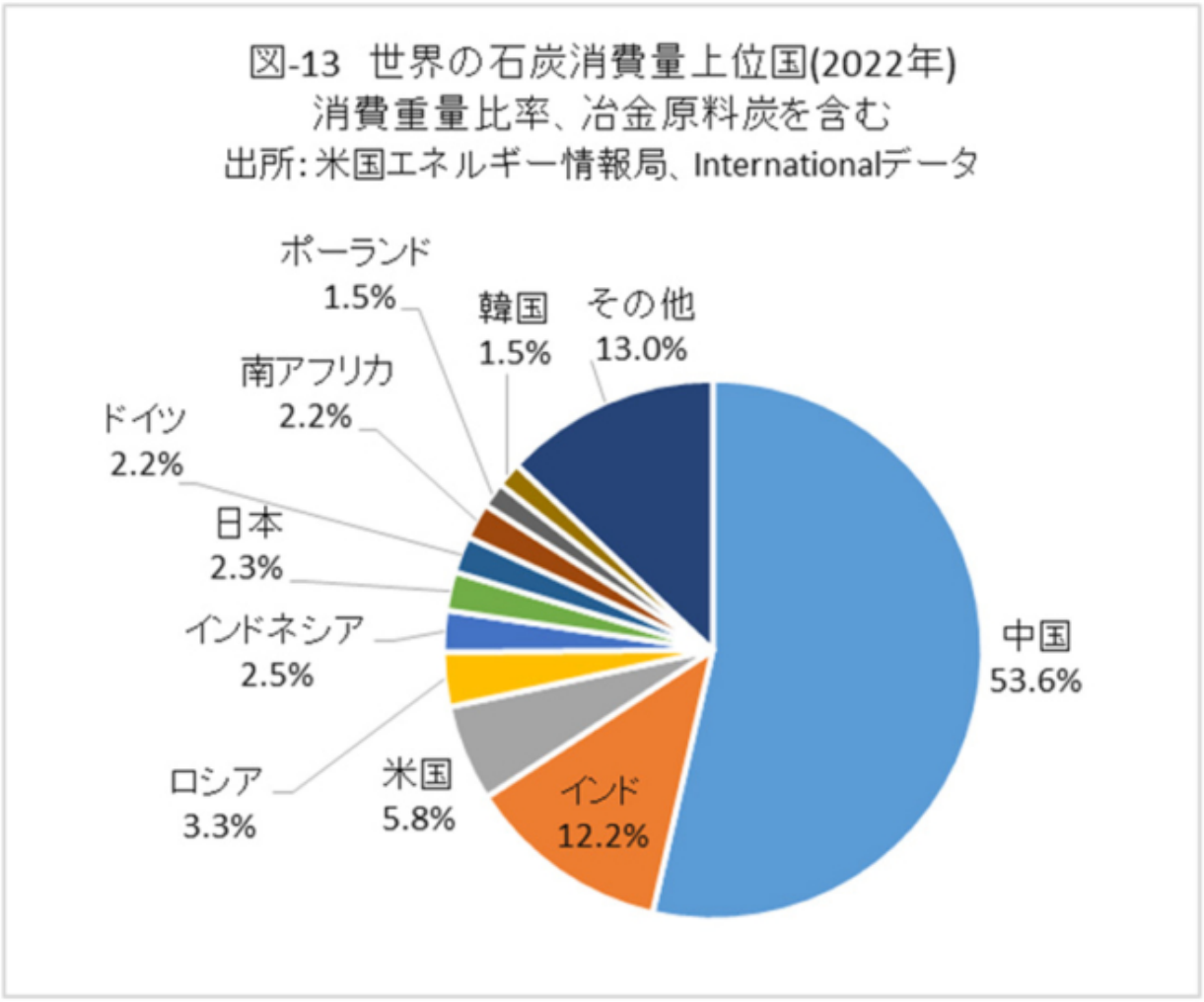
??????????????????????-??????????????GHG????????????????????????????????????


図-12 所得分類グループ別の風力と太陽光発電の
電力量比率 (風力発電+太陽光発電)/総発電電力量
出所: 米国エネルギー情報局(EIA)のデータ
高所得国-改
EU-28
中国
中所得国-改
低所得国
(風力+太陽光発電) / 総発電電力量 %
25
20
15
10
5
0
2000
2005
2010
2015
2020

?12

?????

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



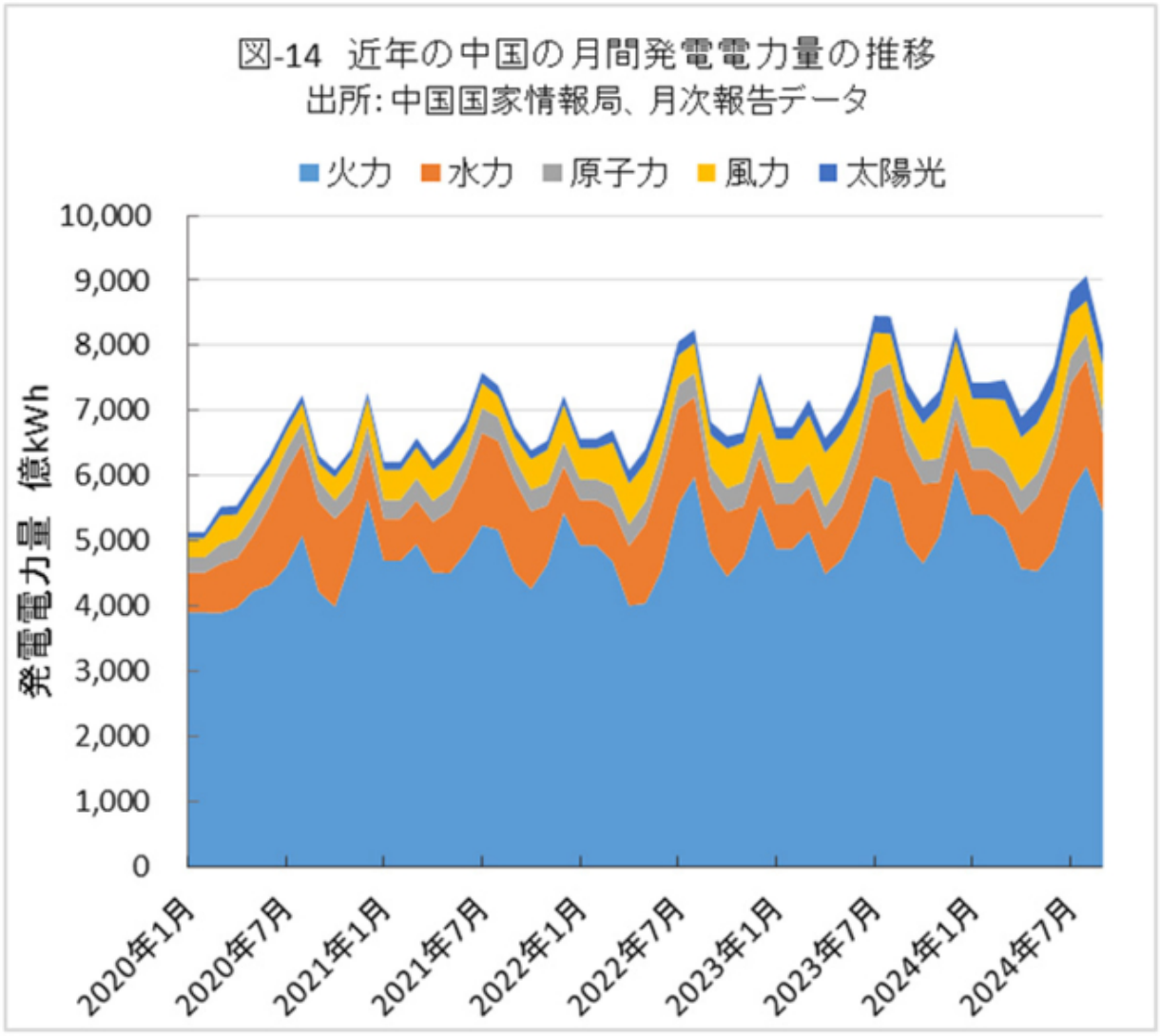
?13

GHG???????????2030????CO2?????????????2060????????????????????????????????????2030????????
??????????

??????????????GHG???????????????2040???????2050?GHG????????????????????2060????????
??????????

????????????????????????????????????14?????????Nationa Bureau of Statistics of China????????????????????????????????????90%??????????????????

2030??

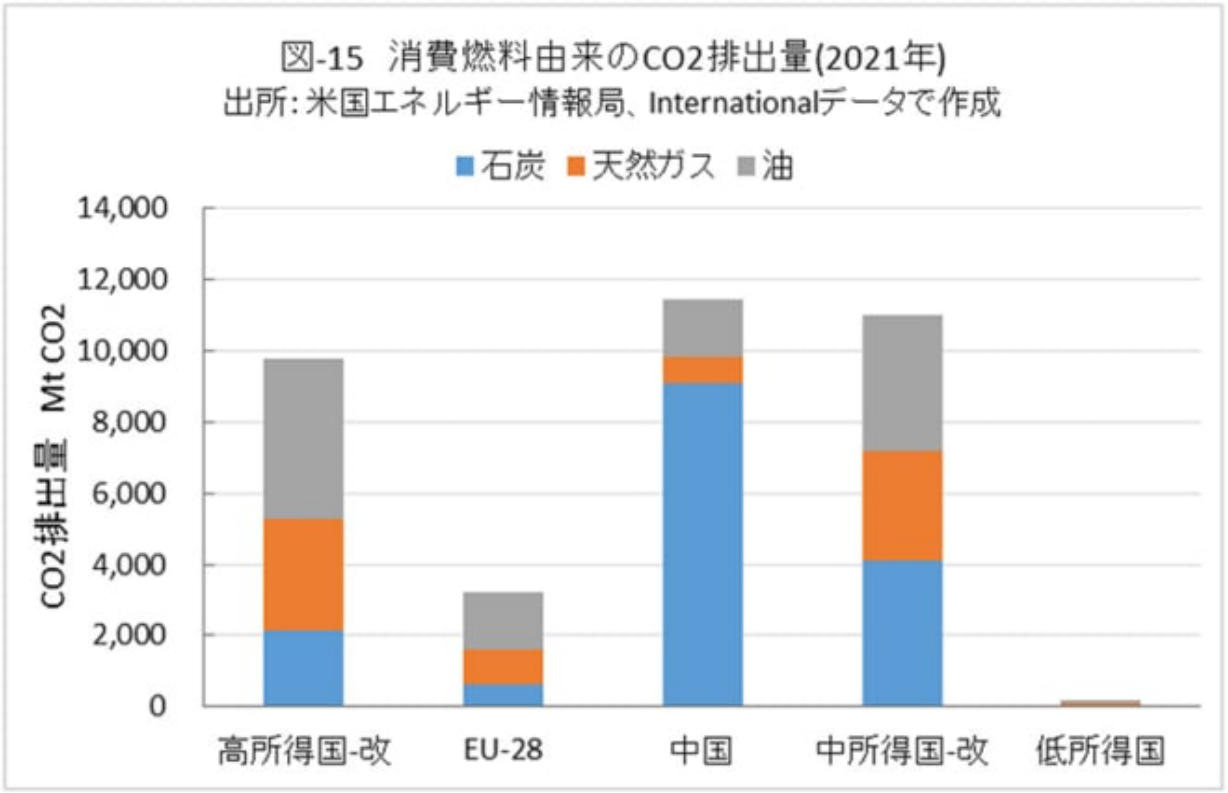


?14

2020?????????????????????????????1????????3?????????1000????6????????????????????????
??????????????????

??????????????????????1???GHG????????????????????????????GHG????????????????????????????

????????????10?%?????????????????1/3?????????????????



?15

??????????

??????????????-?????1???GHG?????????-??3??1???1???GDP?10??1?????????-??????????????????GHG??????????????????

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

????GHG??

??????????????????2?3??????????????????????????????4?5??

???LED??

??

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

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

??GHG??

?

?? ??

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

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