



Jonathan

Cohler Science of Climate Change Vol.6, No.1, 2026

IPCC AR6 0.7 ± 0.2/m2

IPCC 10

Argo

OHC Argo 4,000 IPCC

Argo

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200 500

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OHC

±1/m2 0.7/m2

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NASA CERES ±375/m2 IPCC OHC 0.7/m2

OHC

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675 Clintel Science of Climate Change

Argo

Essex?McKittrick?Andresen

AI?Anthropic?Google?OpenAI  
AI

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2050  
PCC

0.7  
/m2

Cohler, J. et al. (2026). “IPCC’s Earth Energy Imbalance Assessment is Based on Physically Invalid Argo-Float-Based Estimates of Global Ocean Heat Content.” Science of Climate Change, 6(1), 43-76. <https://doi.org/10.5281/zenodo.18936064>

Clintel

Posted in | No Comments »

· Sunday, March 29th, 2026





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ap bank fes '25 at TOKYO DOME???????????????????????????? – ??????

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

### ????????EU????????

?? ?? · Saturday, March 28th, 2026



khvost/iStock

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- ?1?II Sole 24 ORE: "Merloni to EU: energy costs top priority. Urso: Suspend ETS pending review" 2026-2-26
- ?2?FinancialTimes: "Italy sets up fight with Brussels over carbon costs" 2026-3-1
- ?3?EURONEWS: "Ten EU countries revolt over carbon rules threatening industry ahead of key summit" 2026-3-18
- ?4??
- ?5?[https://ec.europa.eu/commission/presscorner/detail/en/statement\\_26\\_663](https://ec.europa.eu/commission/presscorner/detail/en/statement_26_663)
- ?6?Rai1.Good Morning: "Meloni "ETS absolute paradox" 2026-3-20

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

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?? ?? · Wednesday, March 25th, 2026

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

# Apple?????ESG?????

?? ?? · Sunday, March 15th, 2026



ozgurdonmaz/iStock

Apple????????????????????2026?1????????????????

**Apple announces executive transitions**



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2025?12?4?

**Apple??????????**

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**Lisa P. Jackson**

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Watch????????????????2025??  
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**Apple Watch not a ‘CO2-neutral product,’ German court finds**



**Apple Watch??CO2????????????????????**

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Watch??CO2??  
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**Apple????????????????????**



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2023 ?9?12?

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Watch????????????Apple??  
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**Apple quietly drops “carbon-neutral” labels amid EU crackdown**

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Watch??Apple????????????????  
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**Apple quietly removes environmental metrics from executive pay**

**Apple????????????????????????**

2??—CO2??

Apple????????????????????????CEO????2025????????????????????ESG????????????????  
??2021????????????Apple??  
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Gamble??

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btgbtg/iStock

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

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?? ?? · Wednesday, March 11th, 2026



artisteer/iStock

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ESG

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20241111 2025813

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**Attorney General Paxton Secures Historic, Industry-Changing Agreement with Vanguard to Protect the Coal Industry and Empower Investors**



ESG



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c)??2,950????????????????

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

## ???2030?CO2??????????????????

GEPR?? · Tuesday, March 10th, 2026



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?-1????????????2021????????NDC????????2030????CO2????????????GDP??CO2????2005??  
????65%????????????

表-1 気候変動に係わる中国の主な定量目標  
更新NDC(2021年10月提出)

指標	目標
・CO2排出量のピーク	2030年までに達成
・カーボンニュートラル	2060年までに達成
・GDP当りCO2排出量	2030年までに、2005年レベルから65%以上削減
・一次エネルギーに占める非化石燃料割合	2030年までに、約25%に増加
・森林ストック量(forest stock volume)	2030年までに、2005年レベルに比べ60億m3増加
・風力と太陽光発電の総設置容量	2030年までに、12億kW以上

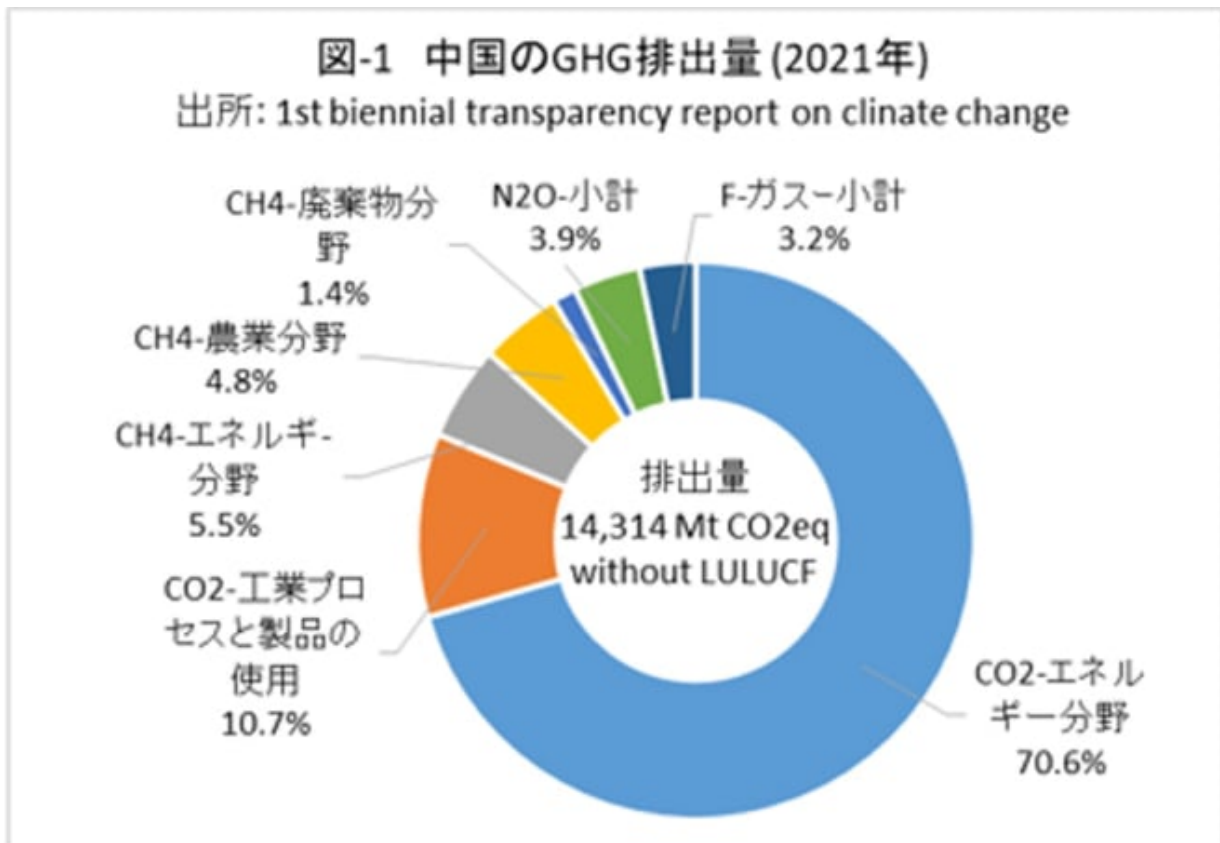
GHG?CO2?????

????????GHG??CO2????????-1?-2?2021????????????? ”First Biennial  
Transparency Report on Climate Change?December 2024?” ??????????

?-1?GHG?CO2?CH4?N2O?F-

????????CO2????CO2eq????????LULUCF????????CO2????G  
HG????81%????????

LULUCF????????1,315 MtCO2eq????????CO2????????

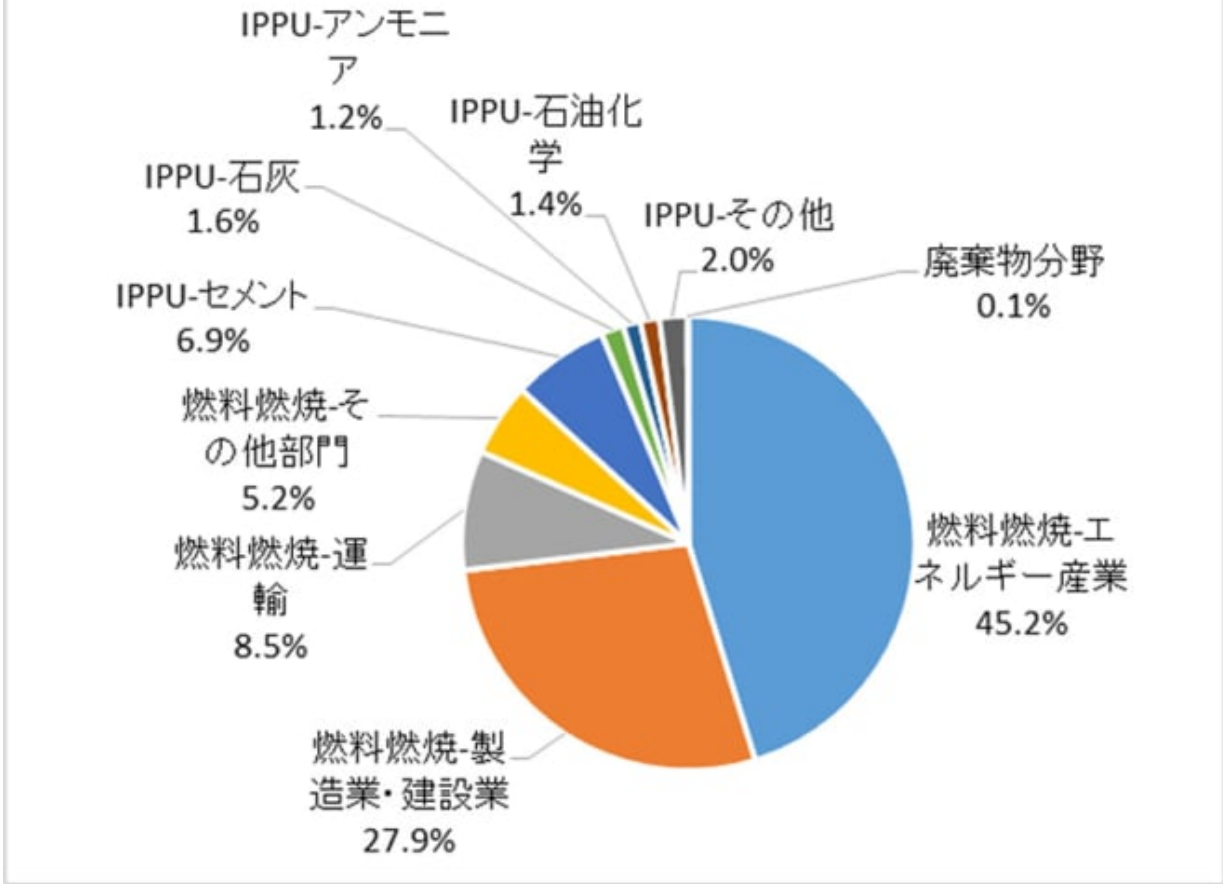


?-2??CO2????????????1.A.1????????UNFCCC??GHG????????



### 図-3 中国のCO2排出量(2021年)

出所: 1st biennial transparency report on climate change

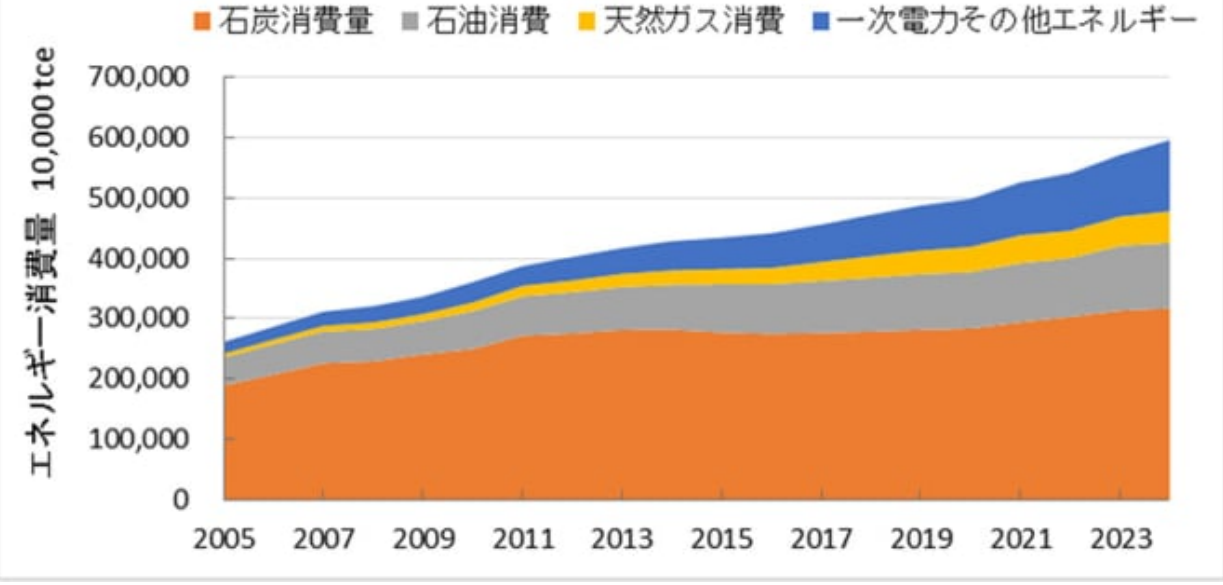


????????????????CO2????CO2??CO2????????????????  
 ?????????????????CO2??IPPU??CO2????????????

?-4????????????GHG?CO2????????LULUCF????????????????????2005????GHG????????????  
 ?2005????2021????????????LULUCF????????GHG??1.7??CO2??1.8???



図-5 中国のエネルギー消費量の推移  
出所: 中国国家统计局 annual data



IAEA TES

tce 1 tce = 7 Gcal

2022 Gross 42.8%

2%

2024 53% 66%

CO2

CO2 CO2 CCS 2030

CCS 2030

CO2

40%

????????87% ?????CO2?12% ?????IPPU?CO2?0.1% ?????CO2?LU  
LUCF??CO2?????

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

????CO2????LULUCF??CO2????

**????CO2???**

????2005??CO2????

2015??2024????CO2????  
????CO2????

????IEA????

????CO2????1?5%????

CO2????GHG????2006  
IPCC????1????

2025?2026??GDP???IMF?2025?7????2026??4.2%??2030??3.4%????2030??  
????CO2????

2025????

*China Energy Transformation Program (CET), Summary of China's energy and power sector statistics in 2024*

2026????CO2????CO2????  
????

????2030????

????CWEA????CPIA????  
????2030??CO2????

????2024????8.8%??2016????2016-203  
0????2030??15%????

????IEA??Oil  
2025??2028????

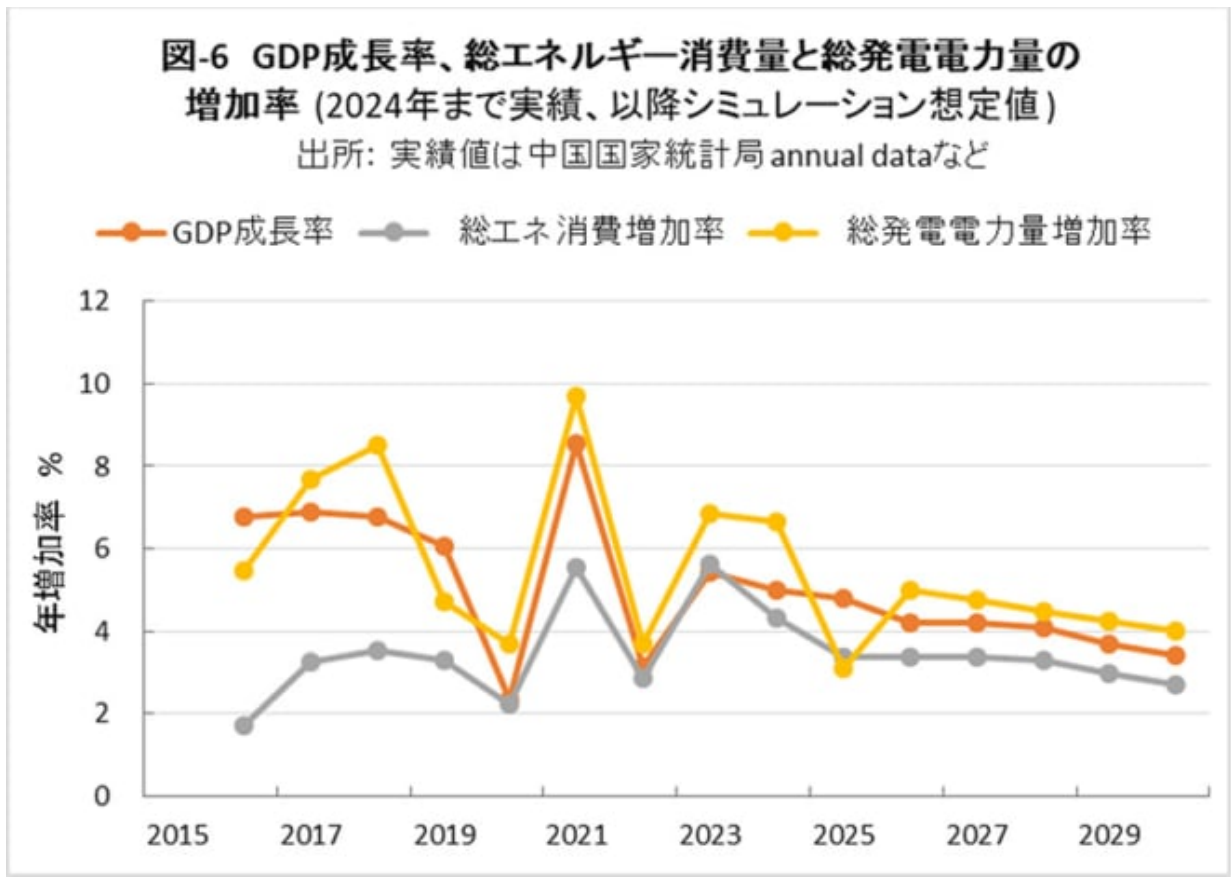
????4%?2%????

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CO2 2024 CO2

CO2 GDP 2024



GDP

GDP  $\times 0.8$  2025 2030 3.2%

GDP  $\times 0.7 \times 0.9$

**IPPU CO2**

IPPU CO2 3 5

IPPU CO2 13% 2020 2021 CO2

7 2015 100 2025



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?? ?? · Sunday, March 8th, 2026



COMiCZ/iStock

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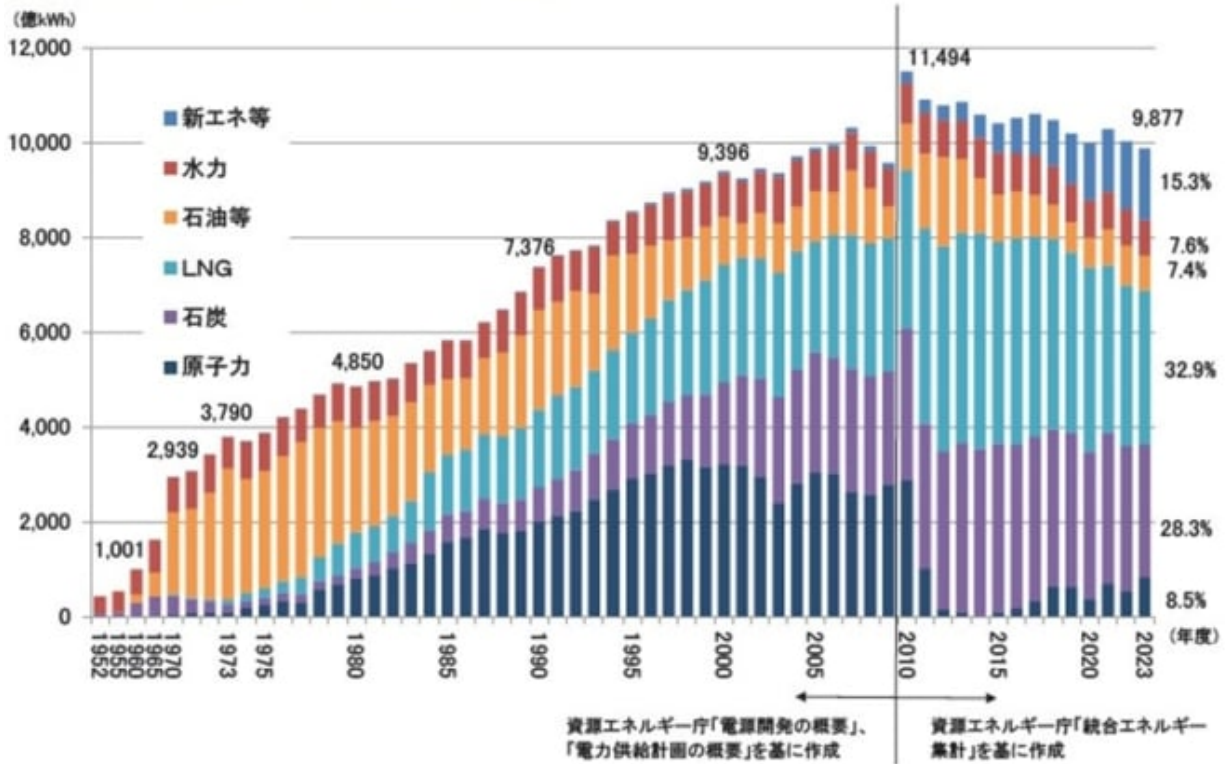
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????????????????????????1??1973??????75.5%????????????????????????????????  
2024??????????34.8%??????LNG?20.8%?????24.4%????????



## 【第14-1-6】発電電力量の推移



(注1) 2009年度以前のデータは旧一般電気事業者10社による発電が対象。ただし、1971年度以前のデータには沖縄電力が含まれていない。

(注2) 2010年度以降のデータは自家発電を含む全ての発電が対象。

????????2025?6????

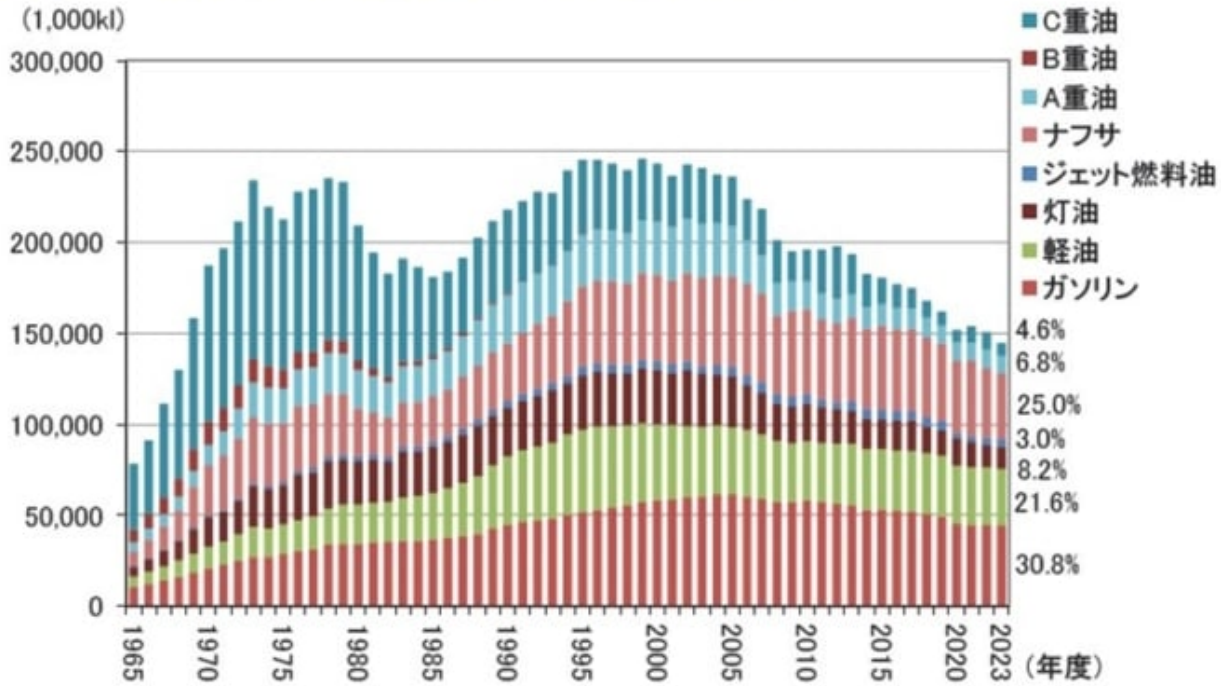
????????????????????95.1%????????11.0%????????????????????

????????????????7.4%????????32.9%????????11%????3.6%????7.4%+3.6%=11.0%????  
 ?11%??

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??4????????????????????????????  
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### 【第14-4-1】燃料油販売量の推移(油種別)

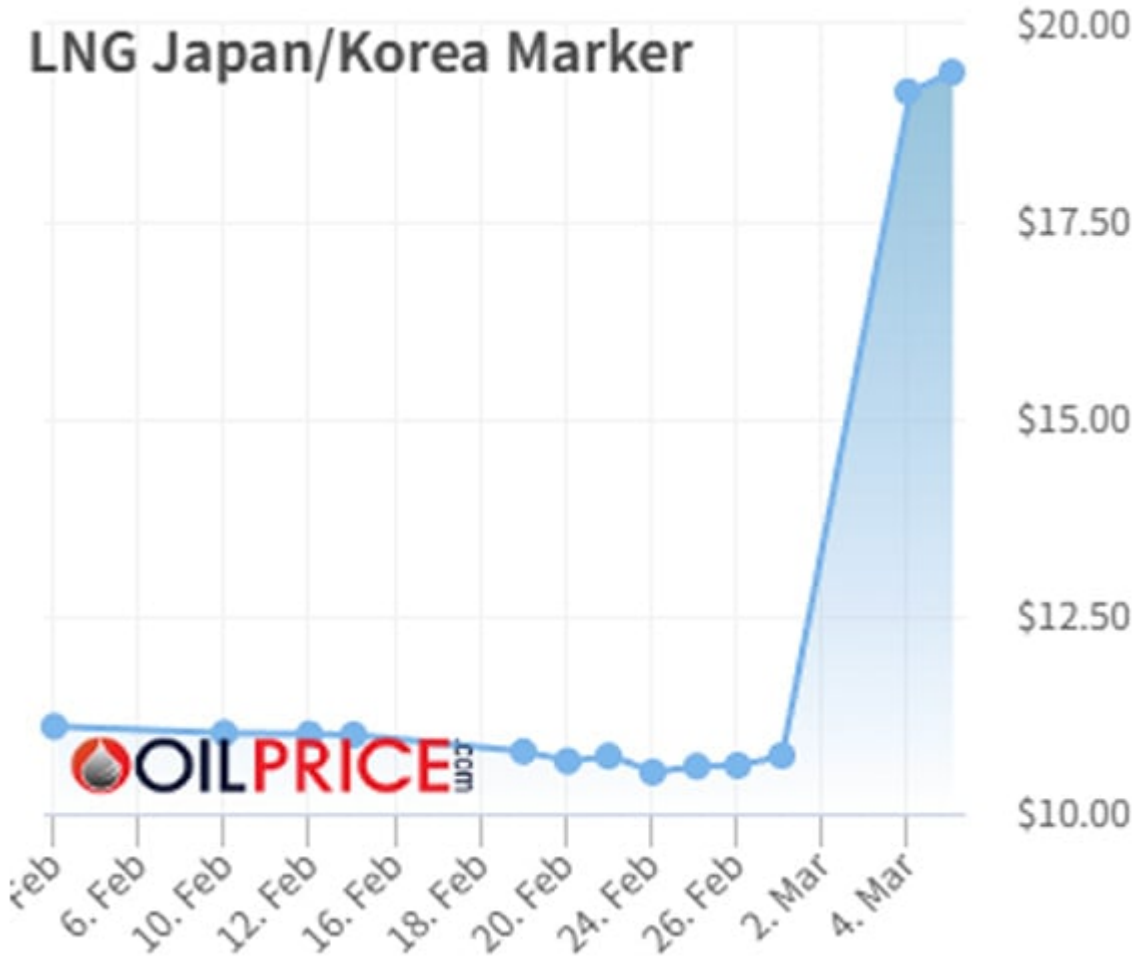


(注) 2002年1月よりB重油はC重油に含まれている。

2025年6月までの推移

燃料油販売量の推移(油種別)の傾向

燃料油販売量の推移(油種別)の傾向(2025年6月までの推移) LNG(JKM)の推移



?5 OILPRICE.com??

??LNG????????????????  
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Yanleth Rivera/iStock

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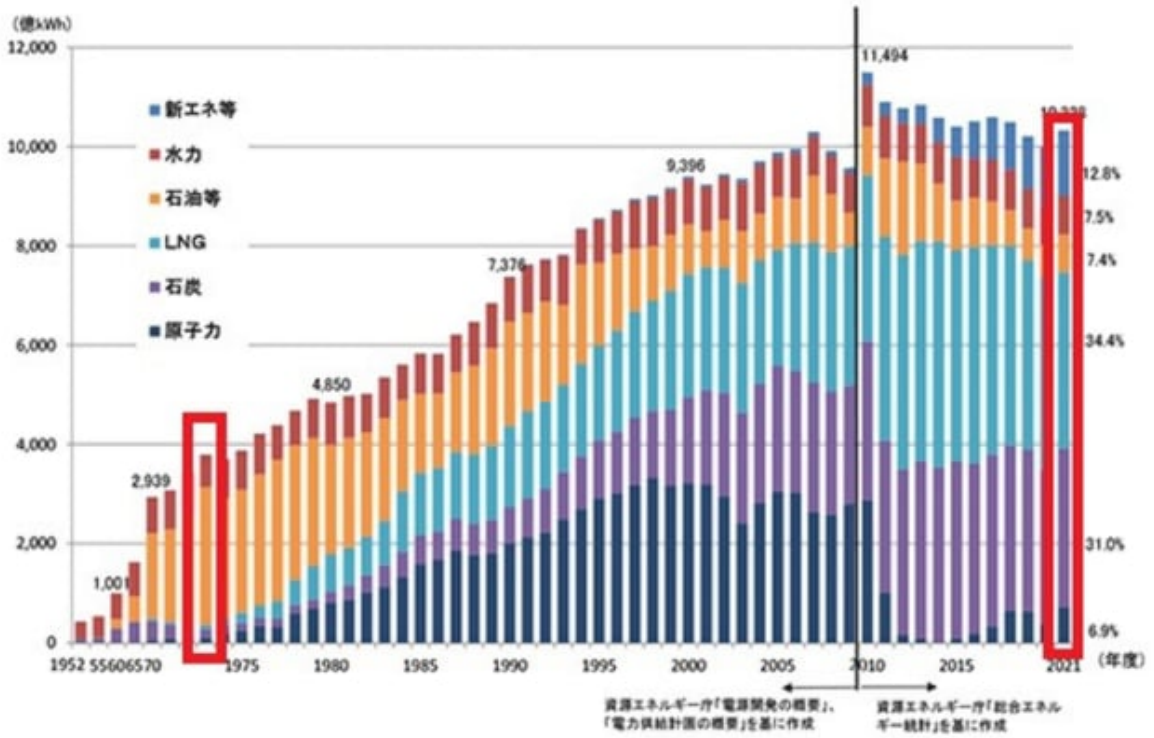
??LNG????????????????????????????????????  
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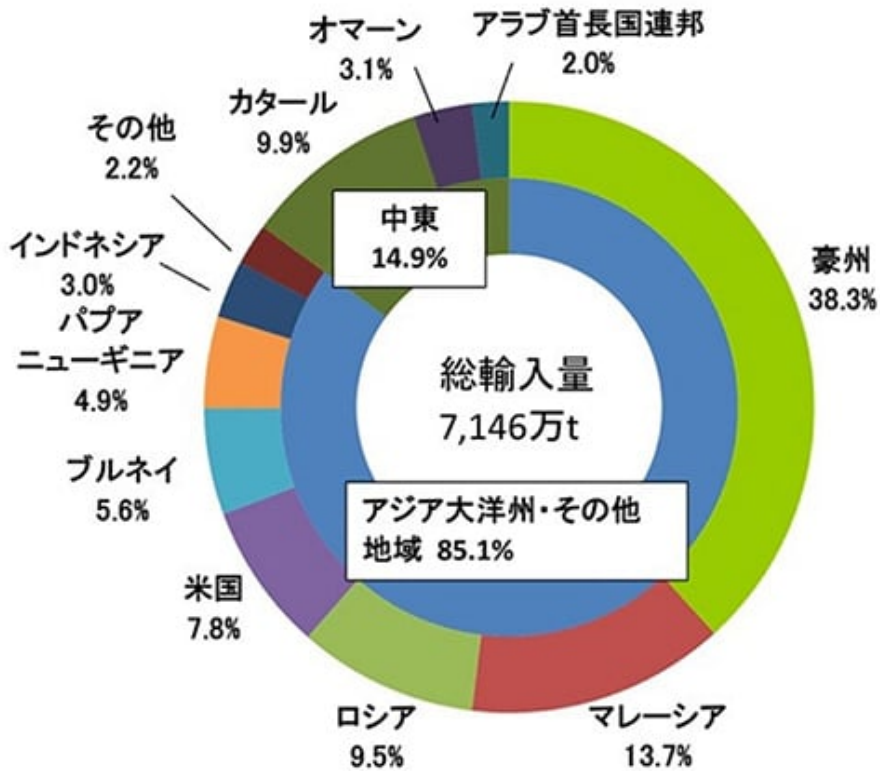
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?1??1975????????????????70????????????????2021????????????7??LN  
G??34????????



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**0.34LNG????? × 0.15??????? ? 0.051??5??**

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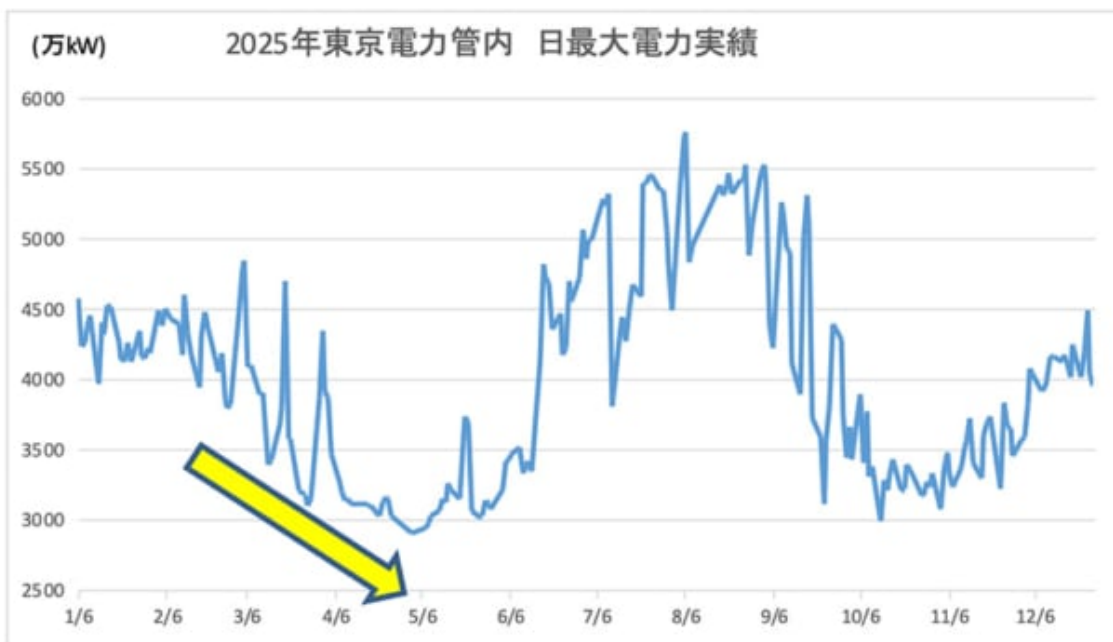
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2/27?3/3??JEPX????????????????????2026?7????13.0????14.5????+1.5????+12????  
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Posted in ??????????, ?? | No Comments »

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?? ?? · Monday, March 2nd, 2026



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

????????????????????IEA??????

?? ? · Monday, March 2nd, 2026



Andrew Linscott/iStock

??2?18-19????????IEA??IEA??????????<sup>12</sup>????IEA?????

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IEA World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE

IEA 2025 World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE

IEA 2025 World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE

IEA 2025 World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE

IEA 2025 World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE

IEA 2025 World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE

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- 1?2026 IEA Ministerial Declaration Supporting the IEA’s Work on Critical Minerals Security – News – IEA
- 2?Joint Statement in Support of the IEA-Ukraine Collaboration Programme – News – IEA
- 3?2026 IEA Ministerial Chair’s Summary

Posted in [IEA](#), [World Energy Outlook](#) | No Comments »

## IEA World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE

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IEA 2025 World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE

IEA 2025 World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE

- [IEA World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE](#)
- [IEA World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE](#)

IEA 2025 World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE

## IEA World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE

IEA 2025 World Energy Outlook 2025 STEPS Stated Scenario 2050 NZE Net Zero Emissions Scenario CPS Current Policy Scenario CPS STEPS NZE



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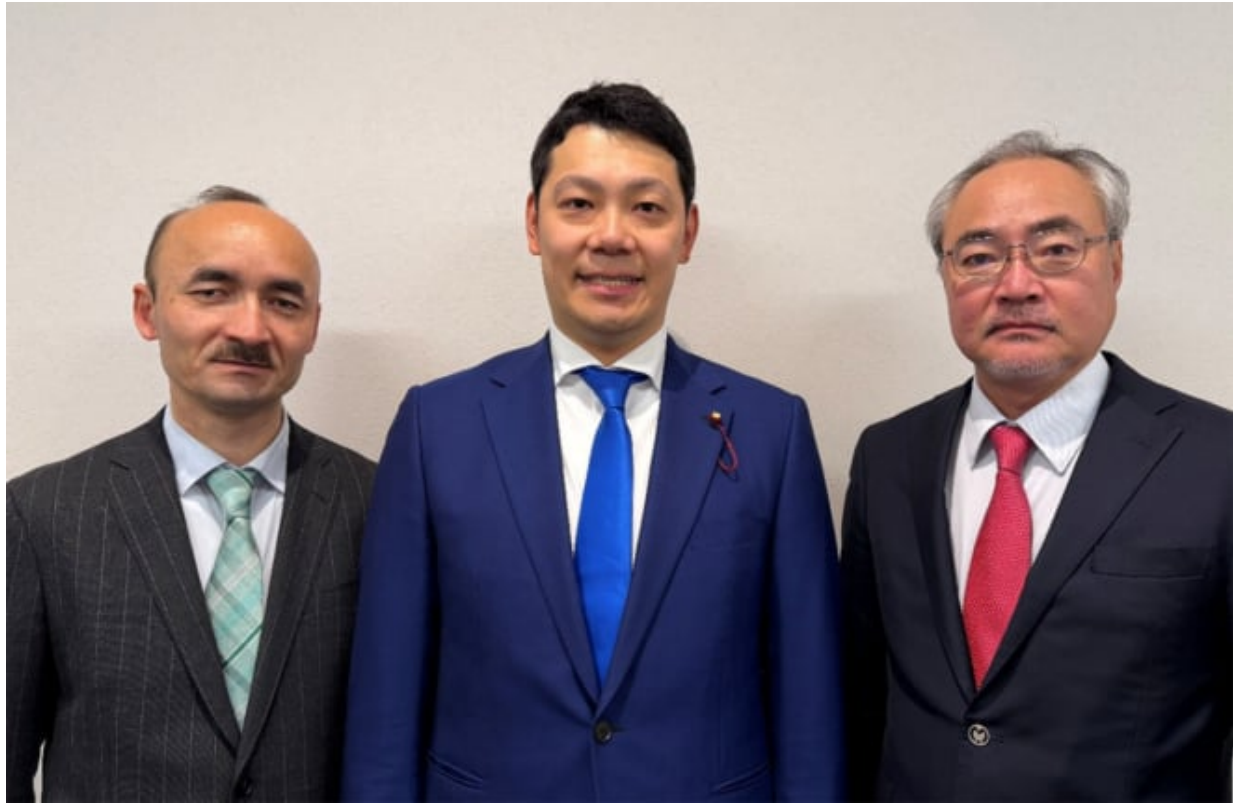
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Posted in ??????????, ??? | No Comments »

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?? ?? · Thursday, February 26th, 2026



ipopba/iStock

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**Global elites who cling to green policies are clueless how to sustain life as we know it – America Out Loud News**

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2009 Endangerment

Finding

EPA Climate Change Religion

CO SCC

EV

SCC SCC

GX

HV EV

GX GX

???EPA??

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

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?? ?? · Monday, February 16th, 2026

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- 2050???????????????????
- ???NDC????????????????????2035?60%??2040?73%?????
- GX??150?????
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Posted in ??????????, ??? | No Comments »

**????????????????????????????????**  
?? ?? · Sunday, February 15th, 2026



Cimmerian/iStock

Climate Realism  
MBA

30

**Climate Change and Energy: World Leaders in Turmoil – Master Resource**

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UN WEF IEA

1990 10 50

- 2024 34% 6,500 1,000
- IEA 2021

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3. **??Adaptation????????**??  
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**????????????Steve Goreham???**

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??Green Tyranny????????The Mad, Mad, Mad World of  
Climatism????????????????????????????

????CO2????????????????????????????2026????????????????????AI????????

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

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?? ?? ? - Saturday, February 14th, 2026



nisara Tangtrakul/iStock

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Posted in ???, ?? | No Comments »

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??? ?? · Friday, February 13th, 2026





2025年5月15日、電力供給が不足する可能性がある。これは、電力需要の急増と供給能力の不足によるものである。

電力供給不足は、工場や家庭に深刻な影響を与える可能性がある。特に、夏の電力需要ピーク時には、供給不足が顕著になる。

電力供給不足は、2025年7月30日までに解消される見込みである。これは、電力供給能力の向上と需要抑制によるものである。

電力供給不足は、2025年16月30日までに解消される見込みである。

電力供給不足は、2025年16月30日までに解消される見込みである。これは、電力供給能力の向上と需要抑制によるものである。

電力供給不足は、2025年16月30日までに解消される見込みである。これは、電力供給能力の向上と需要抑制によるものである。

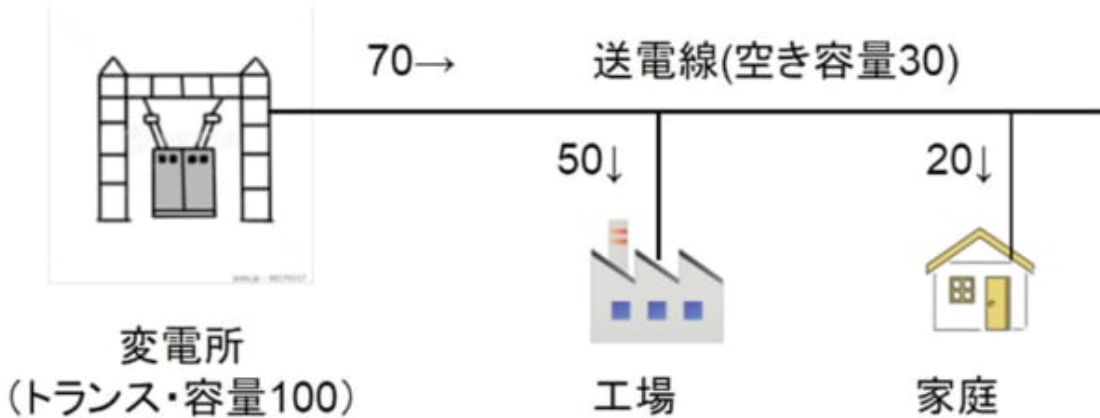
### 電力供給不足の解消策

電力供給不足を解消するためには、電力供給能力の向上と需要抑制が不可欠である。

電力供給不足は、2025年10月までに解消される見込みである。これは、電力供給能力の向上と需要抑制によるものである。

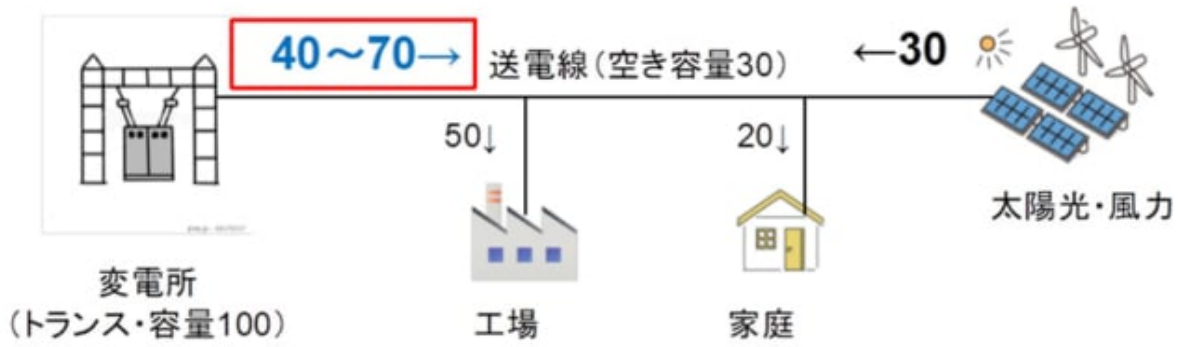
電力供給不足は、2025年10月までに解消される見込みである。

電力供給不足は、2025年10月までに解消される見込みである。これは、電力供給能力の向上と需要抑制によるものである。



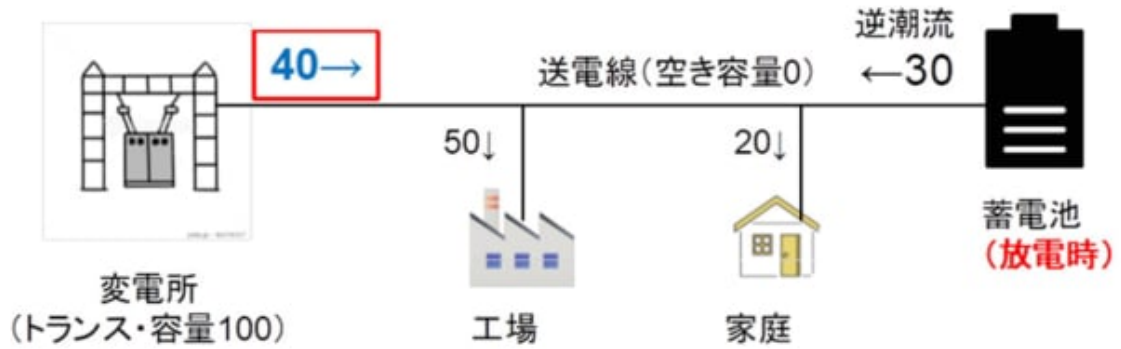
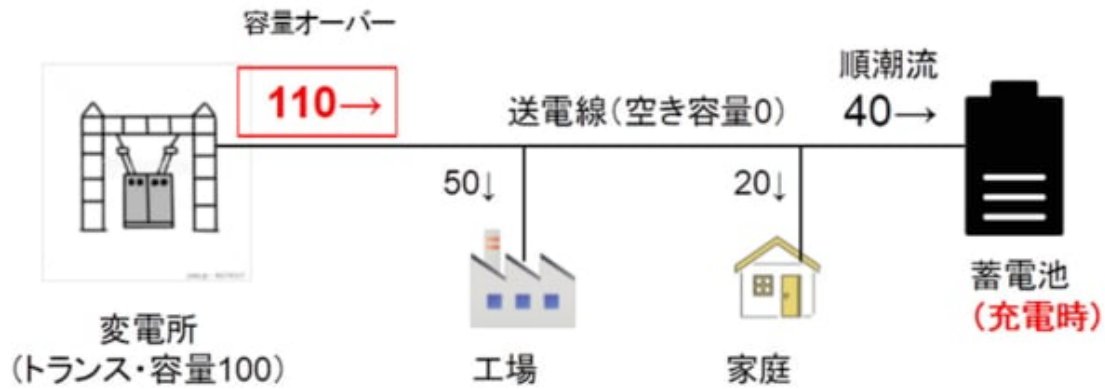
電力供給不足は、2025年10月までに解消される見込みである。

電力供給不足は、2025年10月までに解消される見込みである。これは、電力供給能力の向上と需要抑制によるものである。



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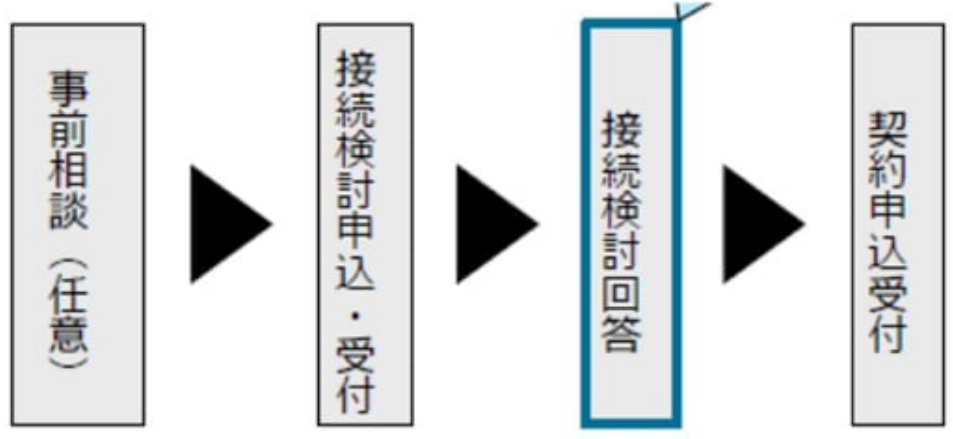
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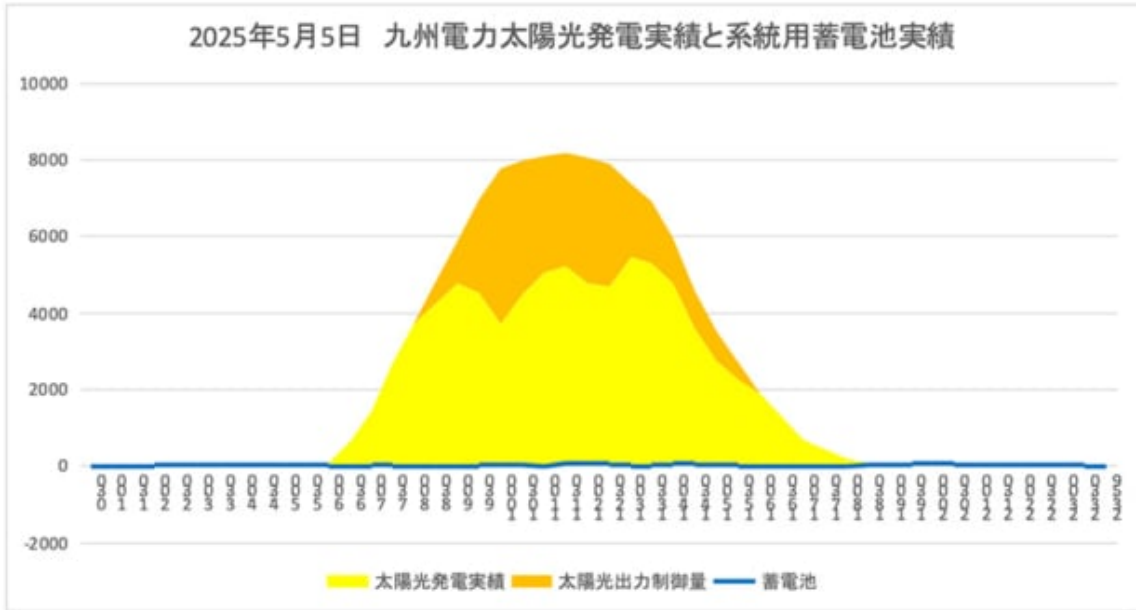
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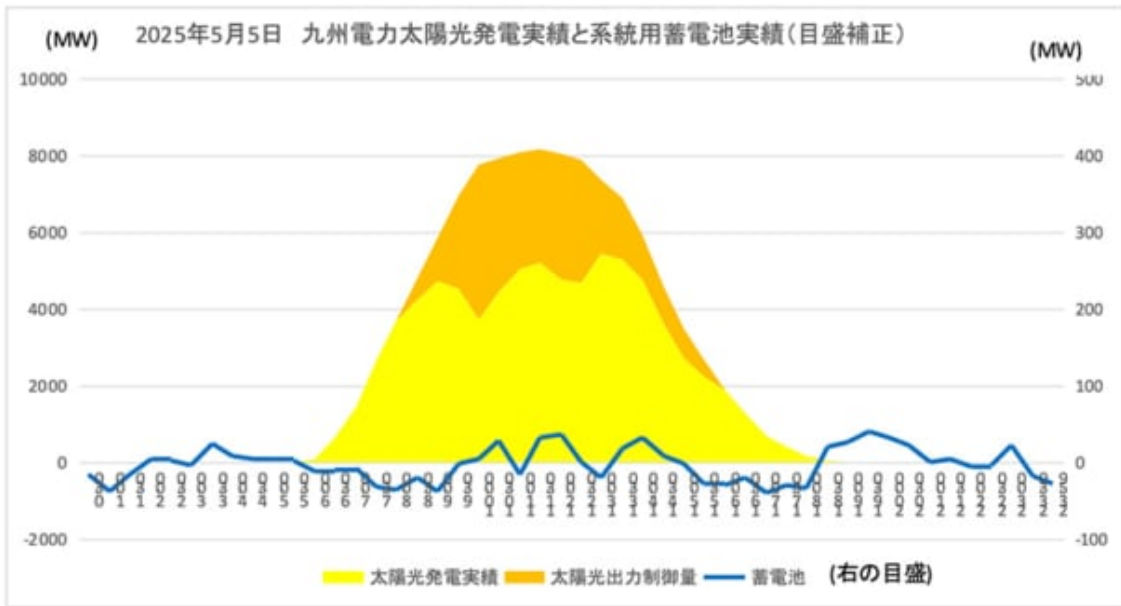
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Posted in ??????????, ??? | [No Comments »](#)

## ????UNFCCC????????????

?? ?? · Thursday, February 12th, 2026



The White House??



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

???DOGE????????????????????????????????

??? ?? · Tuesday, February 10th, 2026



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

# ???? vs ?????2026????????????????????

?? ?? · Friday, February 6th, 2026



metamorworks/iStock

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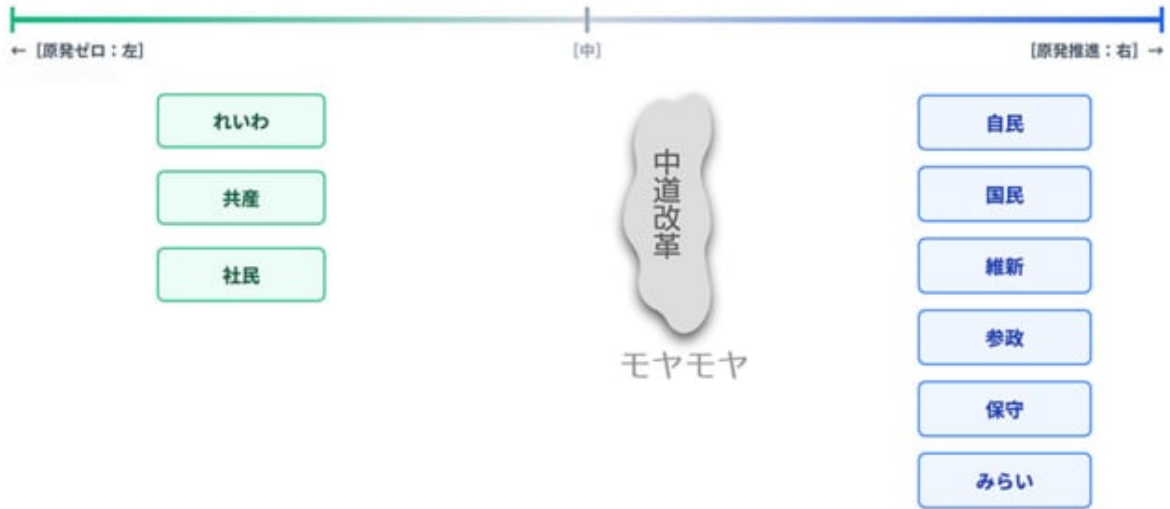
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# 原発政策における政党相関図



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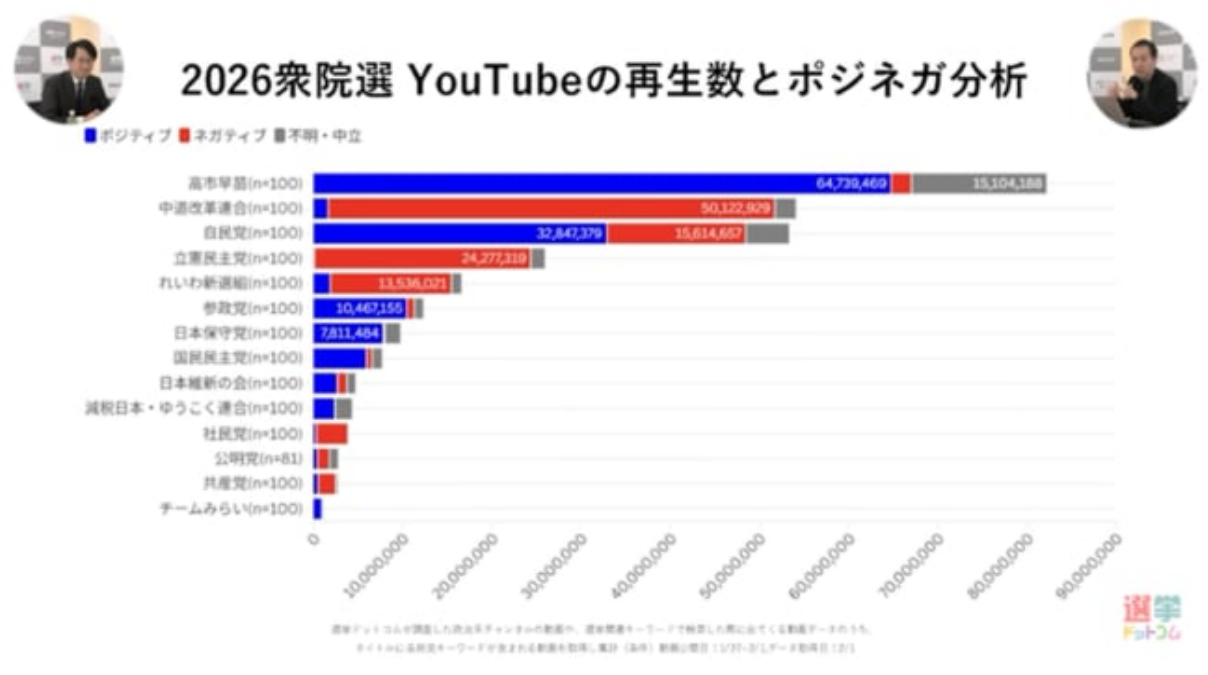
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28????????????

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

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?? ?? · Wednesday, February 4th, 2026

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????????Is Fukushima Dangerous? — Distorted images of Japan???

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2021??News Week????



## 特集：奇才モーリー・ロバートソンの国際情勢入門

2018年8月14日号（8/7発売）

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Posted in ???, ????? | No Comments »

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?? ?? · Sunday, February 1st, 2026



gremlin/iStock

2024?6??????????GFANZ?NZBA??  
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**Net Zero Financial Service Providers Alliance Disbands – ESG Today**

NZFSPA??  
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2021??????EY?KPMG?PwC?S&P????????????????????????(LSEG)??18??????  
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??(GFANZ)????????????????  
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**Net Zero Financial Services Providers Alliance????????? | ??????????**

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Alliance?NZFSPA??????????

NZFSPA????????????????????1.5????????????2050????????????????????  
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JPX????????NZFSPA????????????????????????????????

お知らせ	会社情報	株主・投資家情報 (IR)	サステナビリティ	ガバナンス/リスク管理
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JPX企業情報 > お知らせ > JPXからのお知らせ

# JPXからのお知らせ

2023/12/04 JPX

## Net Zero Financial Services Providers Allianceへの加盟について

### ツイート

株式会社日本取引所グループ（以下、JPX）は、脱炭素社会の実現に貢献すべく、Net Zero Financial Services Providers Alliance (NZFSPA) に加盟しました。

NZFSPAは、産業革命前からの世界の平均気温上昇を1.5度未満に抑えるため、2050年までに世界の温室効果ガス排出量のネットゼロを実現するという目標への貢献にコミットする金融サービスプロバイダーのグローバルなイニシアティブです。

JPXは、環境理念及び環境方針を掲げ、環境と共存可能な資本市場の維持・発展に努めることで持続可能な社会を目指しています。また、中期経営計画2024においてグリーン戦略を策定し、その一環として、2024年度までに温室効果ガス排出量スコープ1・2のカーボン・ニュートラル実現を目指しています。

今般のNZFSPAへの加盟により、JPXは、ネットゼロの達成に向けた取組みをより一層深化させていきます。

- Net Zero Financial Service Providers Alliance
- COP28: Japan Exchange Group, Latinex and Philippine Stock Exchange join the Net Zero Financial Service Providers Alliance (NZFSPA) (SSEリリース)

Net Zero Financial Services Providers Alliance???????? | ??????????



GX（グリーン転換フォーメーション）リーグは、2050年カーボンニュートラル達成に向けて、GXに積極的に取り組む企業群が、官・学・金でGXに向けた挑戦を行うプレイヤーとともに、一体として経済社会システム全体の変革のための議論と新たな市場の創造のための実践を行う場として、経済産業省によって設立されました。2024年4月時点で日本の温室効果ガス排出量の5割以上を占める企業が参画しており、当社も2023年度の稼働当初より参画しています。

- GXリーグの取組について
- GXリーグ公式ウェブサイト [🔗](#)

なお、東京証券取引所は2024年11月、経済産業省の令和6年度のGXリーグに係る事業の一部として、GXリーグにおける自主的な排出量取引（GX-ETS）の超過削減枠をカーボン・クレジット市場における売買の対象に追加しました。

- カーボン・クレジット市場 制度概要

### Net Zero Financial Service Providers Alliance (NZFSPA)

JPXは2023年12月にNZFSPAに加盟しました。NZFSPAは、産業革命前からの世界の平均気温上昇を1.5度未満に抑えるため、2050年までに世界の温室効果ガス排出量のネットゼロを実現するという目標への貢献にコミットする金融サービスプロバイダーのグローバルなイニシアティブです。NZFSPAへの加盟により、JPXは、ネットゼロの達成に向けた取組みをより一層深化させていきます。

- Net Zero Financial Services Providers Alliance [🔗](#)
- 取引所グループの目標設定ガイダンス [🔗](#)

NZFSPA加盟の取引所は、毎年、そのコミットメントに関する取組みについて、情報を公表することが求められています。JPXの関連情報は以下のページに掲載しています。

- Net Zero Financial Service Providers Alliance (NZFSPA) 関連情報 [🔗](#)

### Glasgow Financial Alliance for Net Zero (GFANZ) 日本支部

JPXはGFANZ（グラスゴー金融同盟、Glasgow Financial Alliance for Net Zero）の日本支部に参加しています。GFANZは2050年までに温室効果ガス排出量実質ゼロを目指す世界最大の金融連合体です。日本国内の金融機関がネットゼロ移行計画を策定するための知識やベ

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?? ?? · Saturday, January 31st, 2026



stock\_colors/iStock

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urbazon/iStock

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**As Davos Convenes, Deference to Trump Has Replaced Everything**



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**At Davos, Talk of Climate Change Retreats to the Sidelines**



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??CEO????



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**Davos' climate resignation**



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

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?? ?? · Thursday, January 29th, 2026



Nastco/iStock

??America Out Loud News ??“The transition to net-zero emissions is a tax on the air you breathe”??????

????Ronald Stein P.E.??Willie Soon Ph.D.??

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**1. ???????????????**

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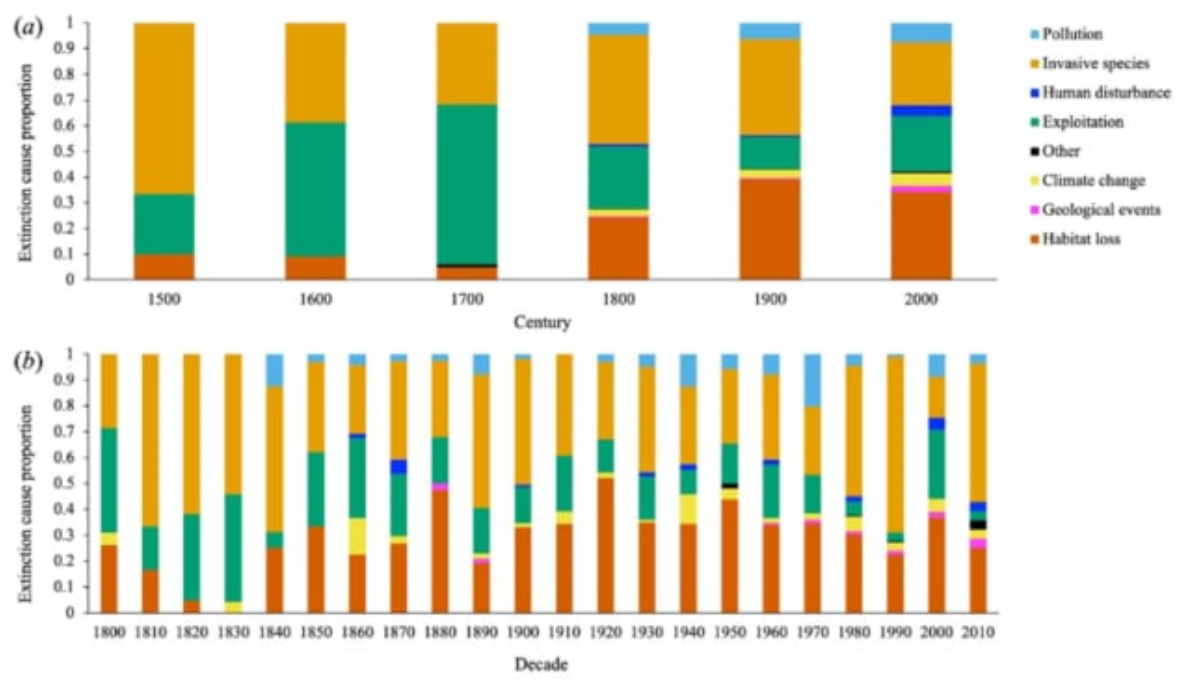
**2. ??????????? — ?6,000??????**

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?????(a)?????

?????1500?????invasive species?????

???1600???1700?????exploitation?????

???1800??

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?????????????5?(b)?????????climate change?????extreme weather?????

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

?? ?? · Monday, January 26th, 2026



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**????????CBAM???**

2026?????EU?????CBAM?????EU?????EU-ETS?????  
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????2026??2027????2.5????2028???5????2025????10?????  
??2030??2025??26??2034?????

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**WTO????????????**

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?????CBAM?????  
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?????WTO?????

?????12?17????<sup>12</sup>?????  
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?????EU?????Temporary Decarbonization  
Fund?????EU?????CBAM?????financi  
al support?????

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

?????CBAM?????  
EU?????25?????



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