

COP28

Europe Calling Webinar

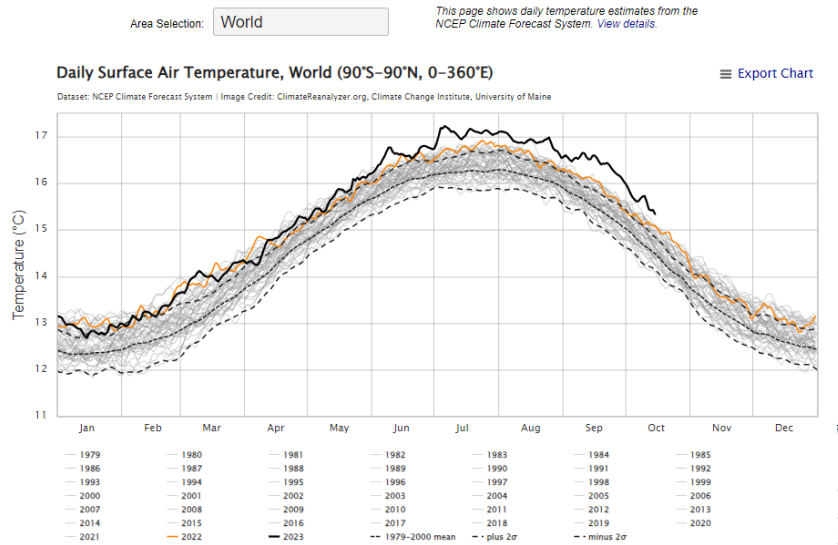
Niklas Höhne, n.hoehne@newclimate.org

14. Dezember 2023



2023 war ein besonderes Jahr

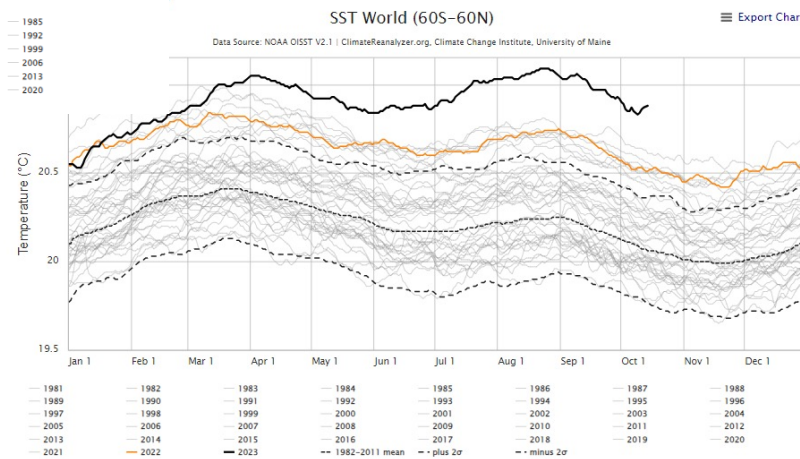
Daily Surface Air Temperature



https://climatoreanalyzer.org/clim/t2_daily/?dm_id=world

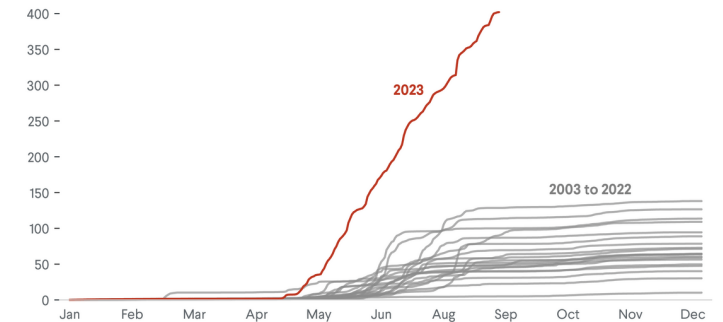
- » Rekordtemperaturen – außerhalb des möglich gedachten
- » Extrem hohe Meeresoberflächentemperaturen
- » Zerstörerische Hitze, Brände, Dürren und extreme Wetterereignisse rund um den Globus

Daily Sea Surface Temperature



https://climatoreanalyzer.org/clim/sst_daily/

Canada Has Seen Record Wildfire Emissions in 2023
Cumulative annual carbon emissions (megatons)



Sources: Copernicus Atmosphere Monitoring Service; European Center for Medium-Range Weather Forecasts.

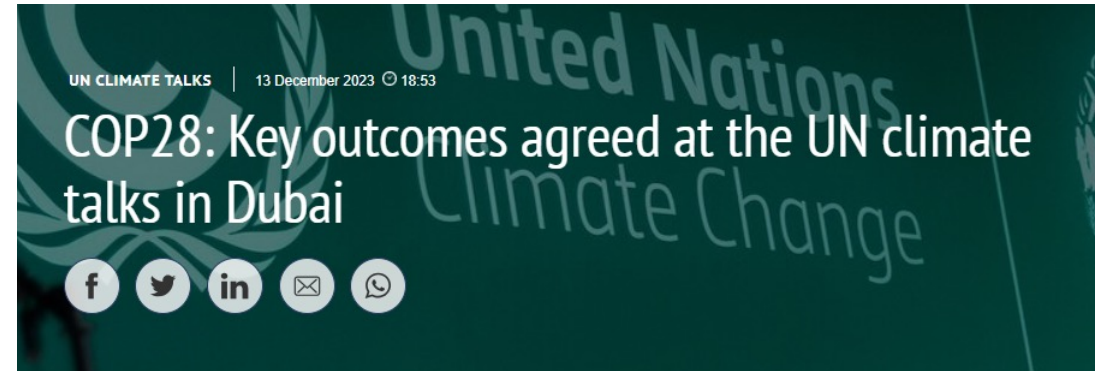
Alternative source: <https://www.cbc.ca/news/climate/wildfire-season-2023-wrap-1.6999005>

COUNCIL on
FOREIGN
RELATIONS



Themen der COP

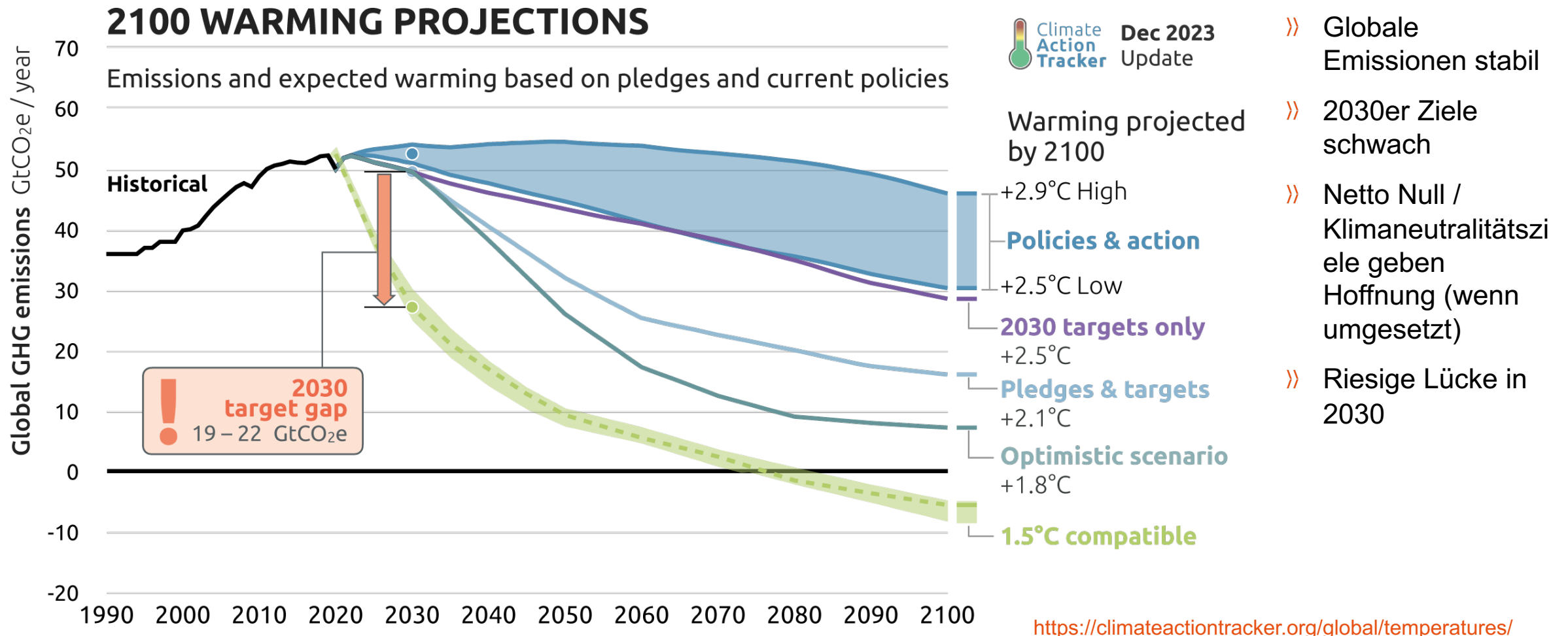
- Formal negotiations
 - Emirati leadership
 - Global Stocktake
 - Rules of procedure
 - Loss and damage
 - Adaptation
 - Mitigation work programme
 - Finance
 - Sharm el-Sheikh joint work on agriculture and food security
 - Article 6
 - Response measures
 - Just transition work programme
 - Other matters
 - Science
 - Gender action plan
 - Action for climate empowerment
- Around the COP
 - International pledges
 - Fossil fuels
 - Renewables and nuclear
 - Food systems
 - Deforestation
 - Nature
 - Methane
 - Heavy industry
 - Health
 - Global Cooling Pledge
 - Global leaders and country pledges
 - China at COP28
 - Oil-and-gas influence and greenwashing
 - Protests, surveillance and harassment
 - Israel and Gaza crisis
 - New climate science
- Road to COP29 and beyond



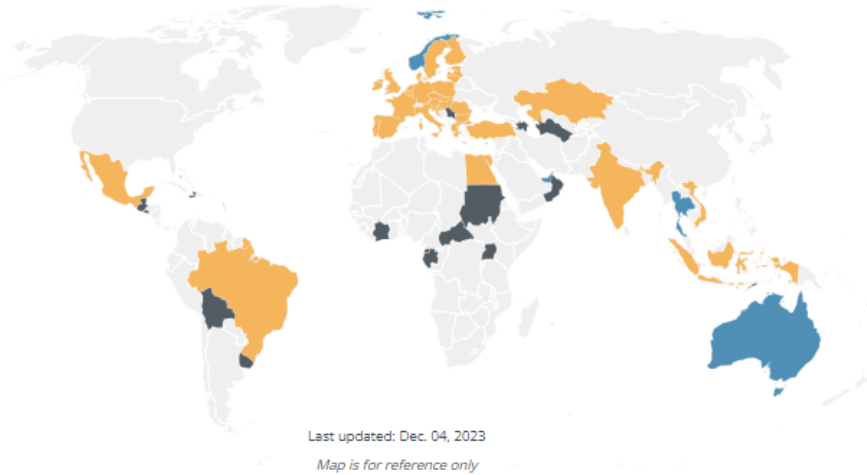
Carbon Brief Zusammenfassung:

<https://www.carbonbrief.org/cop28-key-outcomes-agreed-at-the-un-climate-talks-in-dubai/>

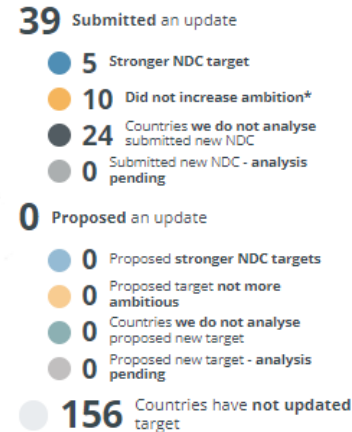
Temperaturerhöhung bis 2100



Trotz Aufrufen wird 2030er Lücke seit 2021 nicht kleiner



CLIMATE TARGETS NDC updates since 2022



- » 2021 in Glasgow bei COP26 wurde festgestellt, dass es nicht reicht
- » Beschluss, dass Regierungen ihre NDCs “überdenken und stärken” sollten
- » Seither ist aber fast nicht passiert

28.3% GLOBAL EMISSIONS COVERED BY NEW NDC SUBMISSIONS

40.1% GLOBAL POPULATION COVERED BY NEW NDC SUBMISSIONS

COUNTRIES WE ANALYSE

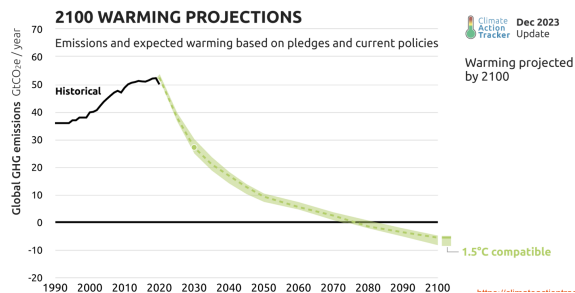
1.5C COMPATIBLE TARGET	SUBMITTED A STRONGER NDC TARGET	PROPOSED A STRONGER NDC TARGET	DID NOT INCREASE AMBITION*	WILL NOT PROPOSE A MORE AMBITIOUS TARGET
-	AUSTRALIA NORWAY SINGAPORE	-	BRAZIL EU INDIA INDONESIA KAZAKHSTAN MEXICO	TÜRKIYE UNITED KINGDOM VIET NAM EGYPT
2022/2023 UPDATES				
-	UAE THAILAND	-	-	-

<https://climateactiontracker.org/climate-target-update-tracker-2022/>

Agreement on “transitioning away from fossil fuels”

Paris Agreement 2015

- » “Holding the increase in the global average temperature to **well below 2 °C** (...) to pursue efforts to limit the temperature increase to **1.5 °C**”
- » “achieve a **balance** between anthropogenic **emissions** by sources and **removals** by sinks of greenhouse gases in the second half of this century”

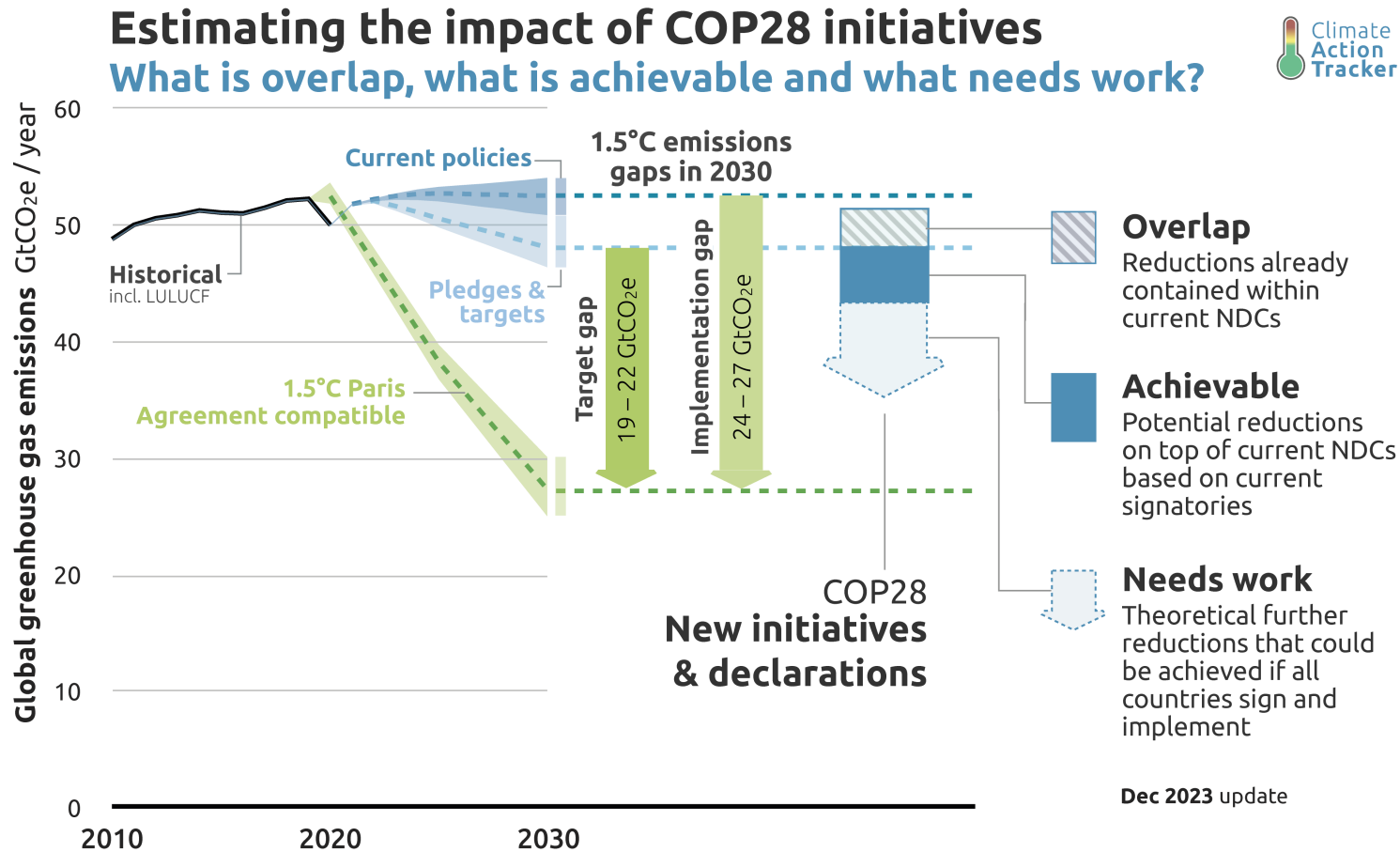


Decision on global stocktake 2023

...calls on Parties to contribute to the following global efforts...:

- » **Tripling renewable energy capacity** globally and doubling the global average annual rate of **energy efficiency** improvements by 2030;
- » Accelerating efforts towards the **phase-down of unabated coal power**;
- » Accelerating efforts globally towards **net zero emission energy systems**, ... well before or by around mid-century;
- » **Transitioning away from fossil fuels in energy systems**, ..., accelerating action in this **critical decade**, so as to achieve **net zero by 2050** in keeping with the science;
- » Accelerating zero- and low-emission technologies, including, inter alia, **renewables**, **nuclear**, abatement and removal technologies such as **carbon capture and utilization and storage**, particularly in hard-to-abate sectors, and **low-carbon hydrogen production**;
- » Accelerating and substantially reducing non-carbon-dioxide emissions globally, including in particular **methane** emissions by 2030;
- » Accelerating the reduction of emissions from **road transport** ...;
- » Phasing out **inefficient fossil fuel subsidies** ...

Feuerwerk an Initiativen muss erst noch Wirkung zeigen



Mehr als 50 neue Initiativen, z.B.

- » Initiative zu Erneuerbaren (x3) und Energieeffizienz (x2)
- » Öl und Gas Dekarbonisierungs-Initiative
 - Senkung der Produktionsemissionen
- » Carbon Management Challenge
 - 1GtCO₂ CO₂-Abscheidung und Speicherung bis 2030
- » Food and agriculture declaration

- » **Kleiner Schritt nach vorne aber nicht der große Wurf, der eigentlich nötig gewesen wäre**

- » **Positiv**
 - Neuer Fond für Schäden
 - Schub für Erneuerbare und Energieeffizienz
 - Feuerwerk an Initiativen – könnten 1/3 der Lücke in 2030 schließen (wenn umgesetzt)
 - Diplomatie funktioniert trotz zerstrittener Welt

- » **Negativ**
 - Kein Notfallmodus
 - Kein Ausstieg aus fossilen Energien aber viele Hintertürchen, die Investitionen in Fossile ermöglichen
 - Richtlinien müssen in nationale Politik umgesetzt werden, die noch vor 2030 wirkt. Sonst ist die 1.5°C Grenze nicht einzuhalten, mindestens nicht ohne längere Überschreitung

