

COP26 – WHY IT MATTERS AND HOW TO MAKE IT MATTER EVEN MORE

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01-12 NOV 2021

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COP26

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COP = Conference of the Parties (Those nations that have ratified the 1992 United Nations Framework Convention on Climate Change.)

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Stabilize greenhouse gas concentrations in the atmosphere at a level that would prevent dangerous anthropogenic interference with the climate system.

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COP26 – 26th meeting of the Conference of the Parties since the 1st one in 1995

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COP21/CMP11

Paris, France



SECRETAIRE EXECUTIVE ONUCC

PRESIDENT

SECRETAIRE

Participation statistics

	<i>States/organizations</i>	<i>Registered participants</i>
Parties	196	21 688
Observer States	1	7
Total Parties + observer States	197	21 695
United Nations Secretariat units and bodies	32	667
Specialized agencies and related organizations	22	539
Intergovernmental organizations	92	1 093
Non-governmental organizations	1 823	11 734
Total observer organizations	1 969	14 033
Media	2 806	3 781
Total participation	4 972	39 509

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Formal Negotiations

U.K. Presidency Announcements

Pavilion

Beyond COP

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Formal Negotiations

- Glasgow Climate Pact





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- Deforestation Pledge
- Methane Pledge

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Pavilion

A large circular graphic on the left side of the page, composed of numerous thin, parallel diagonal lines. The lines are dark blue on the left and transition to a lighter, teal-like blue towards the right, creating a sense of depth and movement.

U.S. CENTER

GLASGOW 2021

CLIMATE CRISIS
OWN EYES, WE

U.S. CENTER

U.S. CENTER

GOING **NEGATIVE** ON CARBON



UN CLIMATE
CHANGE
CONFERENCE
UK 2021

PARTNERSHIP WITH ITALY

Coalition for Rainforest Nations

*Providing a single voice to countries that didn't cause
the climate emergency but feel the brunt of it daily*

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+100,000+!



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COP₂₆ INTENTIONS:

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COP₂₆ INTENTIONS:

Articulate the large potential for cultural institutions to showcase climate action and to inspire Americans to meet the climate challenge.



**J. Drake
Hamilton**
Senior Director, Science
Policy, Fresh Energy



**Governor JB
Pritzker**
State of Illinois



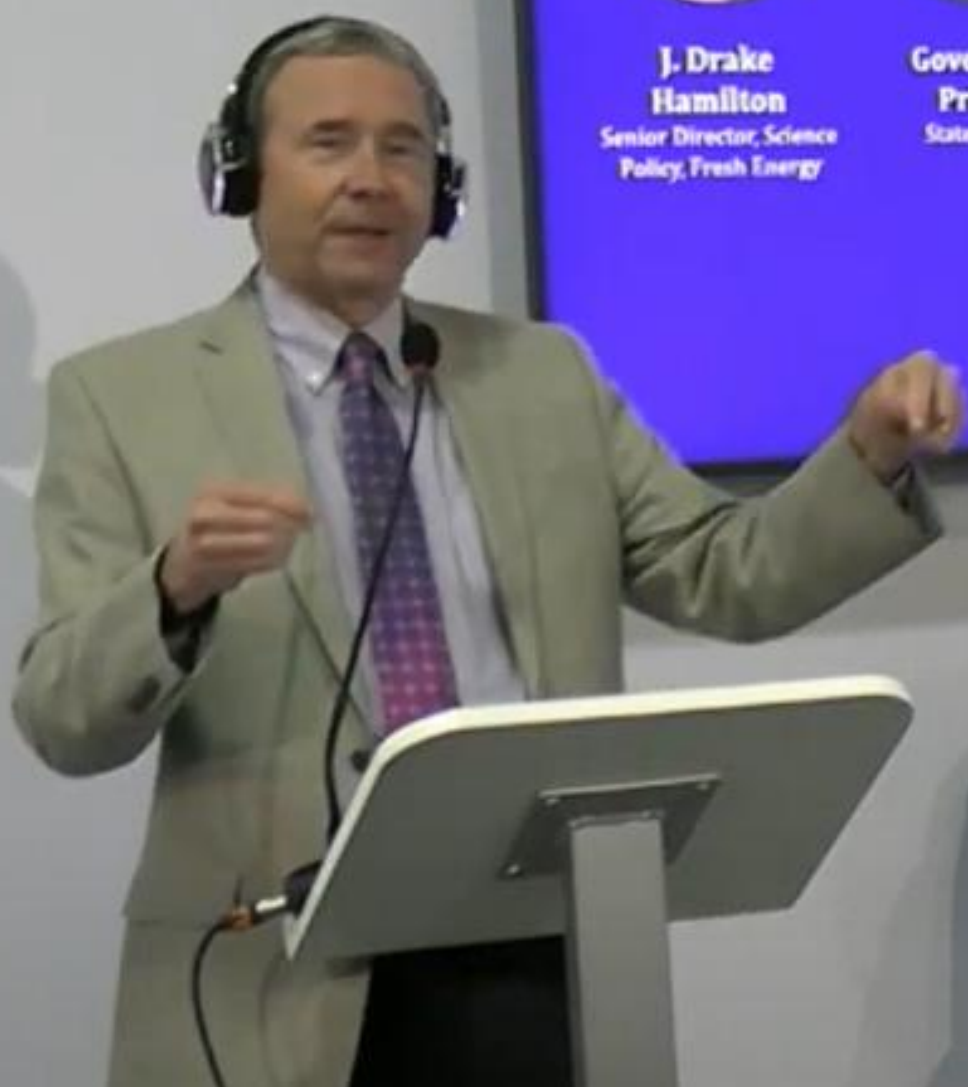
Tim Sexton
Assistant Commissioner
and Chief Sustainability
Officer, Minnesota
Department of
Transportation



**Representative
Patty Acomb**
Minnesota House of
Representatives,
District 44B



**Patrick
Hamilton**
Director, Climate
Change, Energy and
the Environment,
Science Museum of
Minnesota



U.S. Emissions by Region

GLOBAL

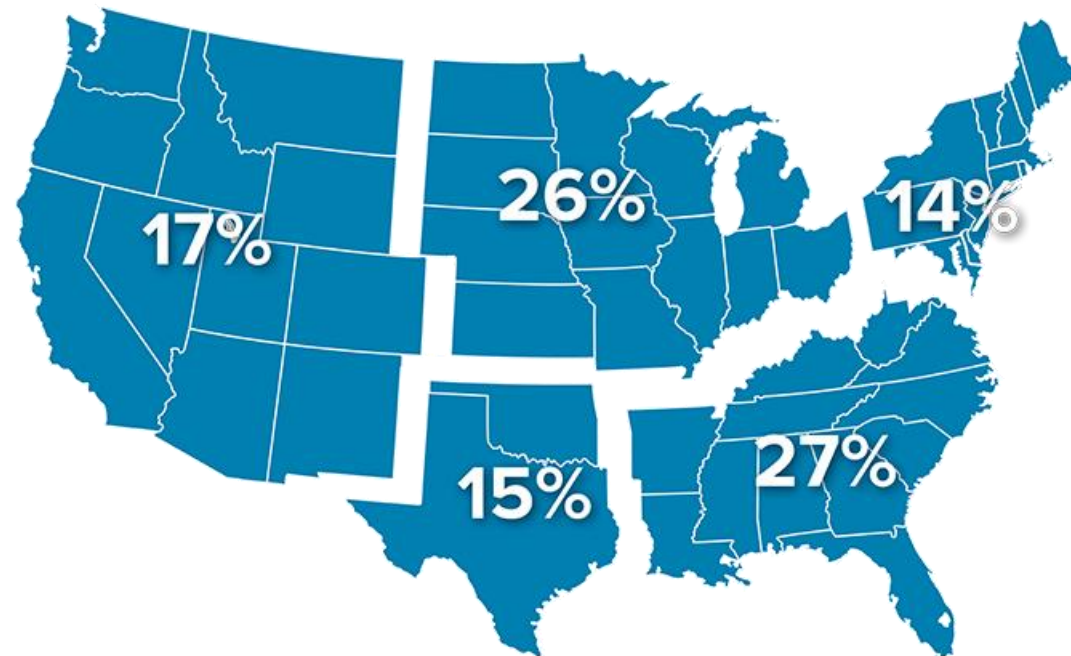
(Top 10 Emitters)

1. China
2. U.S.
3. India
4. Russia
5. Japan
6. Germany
7. Islamic Republic of Iran
8. South Korea
9. Saudi Arabia
10. Indonesia

← **Midwest**

U.S.

(Emissions by Region)



Updated November 2021

Sources: Union of Concerned Scientists (2020) *Each Country's Share of CO2 Emissions Report*

U.S. Energy Information Administration (2018) *Energy-Related CO2 Emission Data*, Table 1

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COP₂₆ INTENTIONS:

Gain access to some of the latest science and bold initiatives envisioned to address climate change.



WORLD
RESOURCES
INSTITUTE

EDF
ENVIRONMENTAL
DEFENSE FUND®
Finding the ways that work



CLEAN AIR
TASK FORCE



CLIMATE &
CLEAN AIR
COALITION

DAVID SUZUKI
FOUNDATION



OXFAM



Deutsche U

NRDC

PRIMA

IGSD

CETD

tion



Lakestone

JOIN THE MOVEMENT
FOR COUNTRIES RED

THE CHALLENGE
THE MISSION
THE TIME

MethaneSAT

Reducing methane emissions

Paris Agreement

The Methane Moment

SWEDEN

the possible

Methane from livestock accounts for nearly 30% of global methane pollution.
SIMPLE SOLUTIONS CAN CUT POLLUTION BY 75%



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A DAY AT COP₂₆

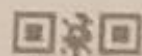


safestay

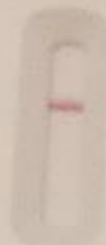
glasgow city

KILMARNOCK STREET LANE





LVVT59906480



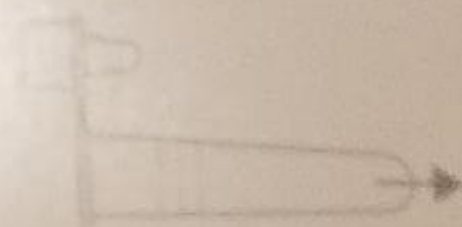
C

T

D₁



S



Extraction Buffer
Tube Holder

Charing Cross

Charing Cross
City Parking

ChargeYourCar
Charging Station

Londis

bank Cres

Elmbank Cres

Elmbank Cres

Elmbank Cres

Elmbank Street Car Park

India St

India St

India St

Quaker Meeting House

Scottish Opera

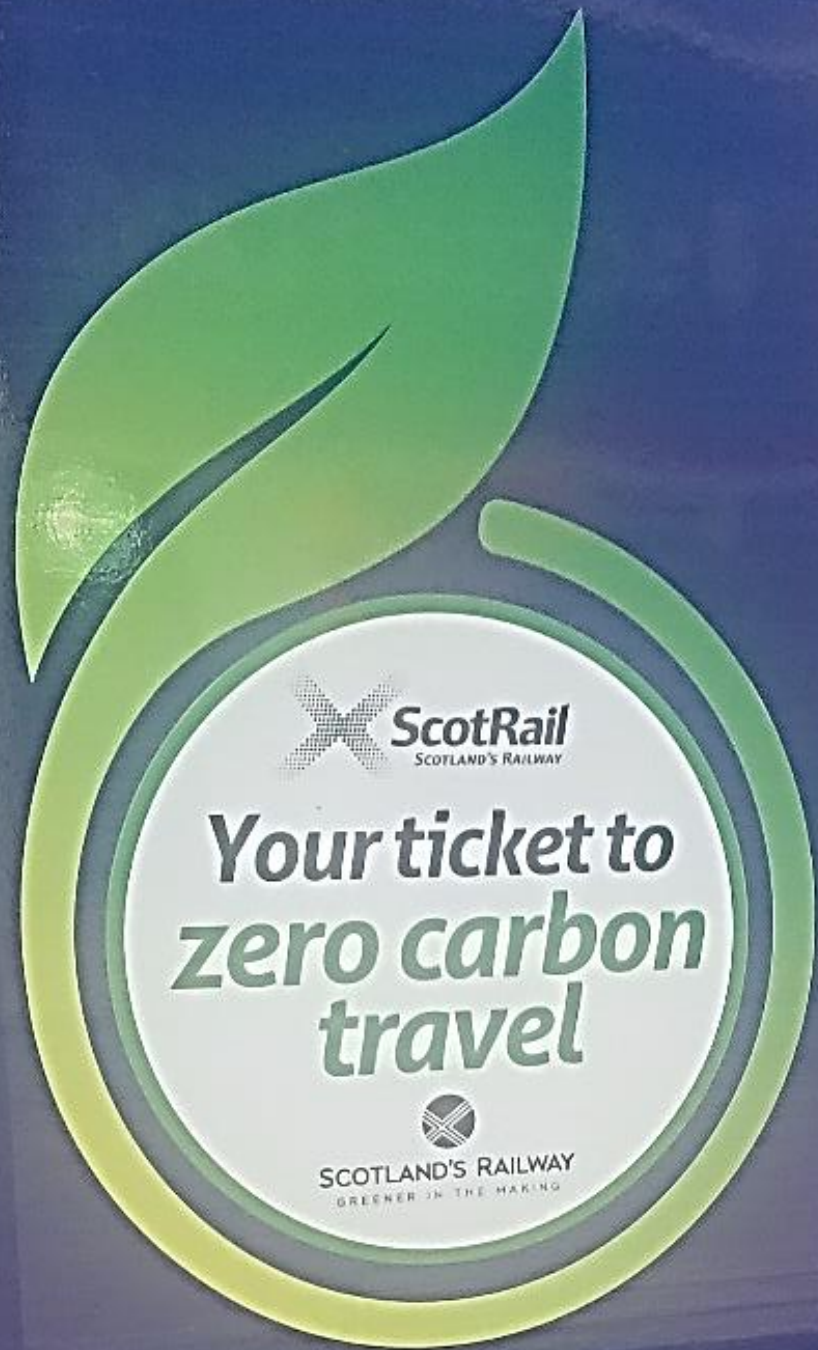
Elmbank St Ln Elmbank St Ln

Elmbank St

Elmbank St

Safestay Glasgow City
3.8 ★ (507)
3-star hotel

Tom Allan Centre





Blue zone

Scottish Exhibition Centre

SSE Hydro
Arena

Green zone
(public events area)

SEC Armadillo

100m

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Final Thoughts

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Final Thoughts

- ✓ Progress is happening.

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Final Thoughts

- ✓ Progress is happening.
- ✓ There is an huge need for subnationals to lead.

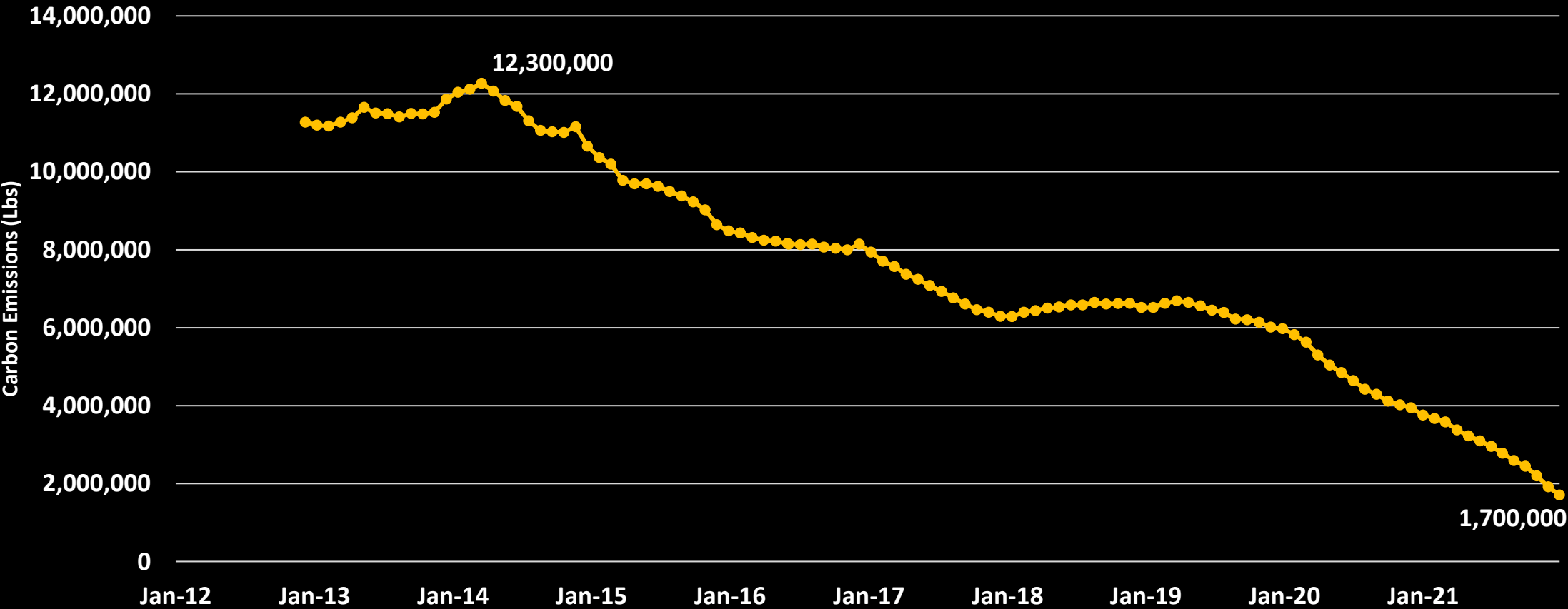
State regulators approve Xcel plan that shifts from coal to nuclear energy, renewables

Company wants to close its coal plants by 2030, extend the life of its Monticello reactor by 10 years and add new solar and wind farms.

By Mike Hughlett Star Tribune | FEBRUARY 8, 2022 — 6:24PM



Science Museum of Minnesota Carbon Emissions



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Final Thoughts

- ✓ Progress is happening.
- ✓ There is an huge need for subnationals to lead.
- ✓ 2020s will be the decisive decade.



Uptown Minneapolis, June 28, 2014

This increase in heavy and extreme rain is one indication that our climate already is behaving substantially differently than it has in recorded history.

Kenny Blumenfeld, Ph.D.
Senior Climatologist
State Climatology Office
Minnesota Department of Natural Resources

August 10, 2020



Cedar Rapids, IA



Hartland, MN, December 17, 2021



The complex and dense networks of overhead distribution lines --- and their proximity to large trees --- make urban and suburban areas especially vulnerable to significant derecho-induced electrical and communication outages. In addition, unlike the localized damage produced by a tornado, derecho damage may be widespread, with repairs requiring considerably more time and effort to accomplish.

...it is reasonable to conclude that the corridors of maximum derecho frequency would shift poleward with global warming.

Storm Prediction Center

National Oceanic and Atmospheric Administration (NOAA)

www.spc.noaa.gov/misc/AbtDerechos/derechofaq.htm

THANK YOU!

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