Agenda

- Sustainability at the Wikimedia Foundation
- Key Concepts
- Major Takeaways and Sources of Emissions
- Year over year Comparison
- Internal Carbon Fund New!
- Get Involved
Sustainability at the Foundation

February 2017 - Board adopts Environmental Impact Resolution in response to community-led Sustainability Initiative

May 2020 - Movement Strategy recommendations prioritize environmental sustainability

June 2019 - the Wikimedia Foundation publishes its first ever carbon footprint report on calendar year 2018

July 2022 - Internal Carbon Fund established

June 2022 - The board updates its 2017 resolution, formally committing us to the publication of periodic environmental sustainability reports
Key Concepts

**Greenhouse Gas** - a gas that traps heats in the atmosphere (e.g., carbon dioxide, methane, nitrous oxide, fluorinated gases)

**Carbon Dioxide Equivalent (CO2eq)** provides a common scale for measuring the climate effects of different gases

**Greenhouse Gas (GHG) Protocol** provides a global, standardized framework for measuring and managing emissions. It classifies emissions into:

- **Scope 1**: Direct GHG emissions that occur from sources controlled or owned by a company.
- **Scope 2**: Indirect emissions associated with the purchase of electricity, steam, heat, or cooling.
- **Scope 3**: Indirect emissions resulting from activities from assets not owned or controlled by a company, but that it indirectly impacts through its operations or supply chain.
What is 1 ton of CO2-eq?

- Average emissions of direct flight between NYC and London
- \( \frac{1}{5} \) of the global average per capita emissions
- 2,564 miles, or 4,126 kilometers, driven by an average American passenger vehicle
  - The distance between Madrid and Moscow
We expanded our scope 3 emissions to include remote work impacts, which added another 0.5kt Co2-eq.

Travel-related emissions were 25% below 2019 levels despite almost doubling our staff.

Wikipedia is an important resource for climate education, recording 346M page views across 31,000+ articles about climate change in 2022.
Sources of Emissions

- Business Travel: 44%
- Data Centers: 38%
- Working Environments: 18%
- Internal Staff Convenings: 32%
- Community Convenings: 8%
- Miscellaneous Business Travel: 4%
- Virginia, USA (eqiad): 22%
- Texas, USA (codfw): 14%
- All others: 2%
- Office: 1%
Data Centers

Data centers by 2022 electricity consumption, underlying map public domain
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- Remote Work: 17%
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Year over Year Comparison

Metric tons of CO2-eq

- Business Travel
- Data Centers
- Working Environments (formerly Office)
Internal Carbon Fund

- **US$50/ton internal fee** on our scope 1, 2, and 3 emissions

- **Year 1** (July 1, 2022 - June 30, 2023)
  - **US$113k** used to run a [organizer lab pilot](#)
  - 21 graduates, 6 projects funded

- **Year 2** (July 1, 2023 - June 30, 2024)
  - **US$150k** available to support community-led sustainability campaigns
Learn More

- 2022 Environmental Sustainability Report
  - Full Report on Wikimedia Commons
  - Summary on Diff
- https://meta.wikimedia.org/wiki/Sustainability for links to our old reports
- Get in touch
  - Ask us a question on the talk page or email us at sustainability@wikimedia.org