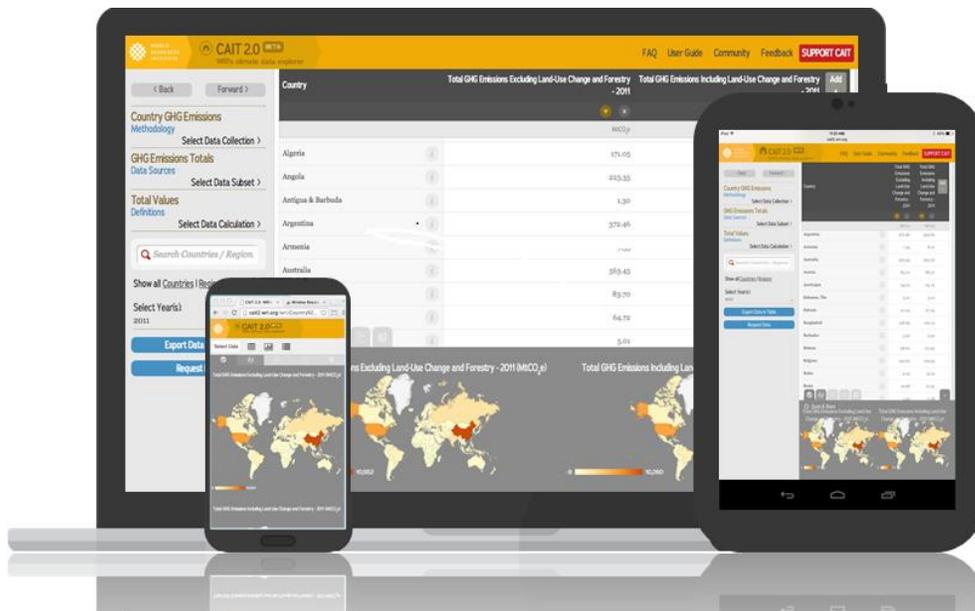## CAIT

CAIT is a suite of online data and visualizations tools that support the many dimensions of climate policy making. It provides free, open, user-friendly access to world-class climate data from a desktop, tablet or mobile device — enabling analysis whenever you need it.

CAIT is one of the most trusted sources of climate data available. It is a free and open source for comprehensive and comparable climate and emissions data. CAIT is made up of a suite of tools that allow users to utilize the data to understand considerations of equity in climate negotiations, see transparency and available information in country climate action pledges, interact with historic emissions data, and dive into the methodologies behind future emissions projections. CAIT allows national governments, international organizations and independent researchers to perform relevant analysis and promote efficient action on climate change.

CAIT Data

- **Historic greenhouse gas emissions** covering 186 countries, 50 U.S. states, 6 gases, multi-sectors and 160 years
- **Emission projections** for major economies under baseline scenarios and how they are estimated
- **Climate equity data**, including indicators of development, vulnerability and potential for climate action
- **Countries pledges**, including their level of transparency, timeframe, types of mitigation contributions and more

Modules

CAIT Data Explorer (Historic and Projections)

The Data Explorer is the cornerstone of the CAIT platform and allows for easy access, analysis and visualization of the latest available international greenhouse gas emissions data for 186 countries, 50 U.S. states, 6 gases, multi-sector, and 160 years. The data can be quickly visualized, shard, embedded and downloaded. It is made up of two components, an historic data collection and a forward facing emissions projection module and all data used can be downloaded it in its raw form. Each specific data view has a unique URL, so users can share links to specific findings with colleagues, or save and return to a particular data view later for further exploration.

http://cait.wri.org/   http://cait.wri.org/projections

CAIT Equity Explorer

One of the most important steps to reaching an equitable global climate agreement is for countries to put forward equitable contributions. The CAIT Equity Explorer leverages the unparalleled power of the CAIT platform to enable users to visualize the many dimensions of climate equity. It gives you access across a wide array of indicators and generates radar charts which rank countries allowing for easy comparisons.
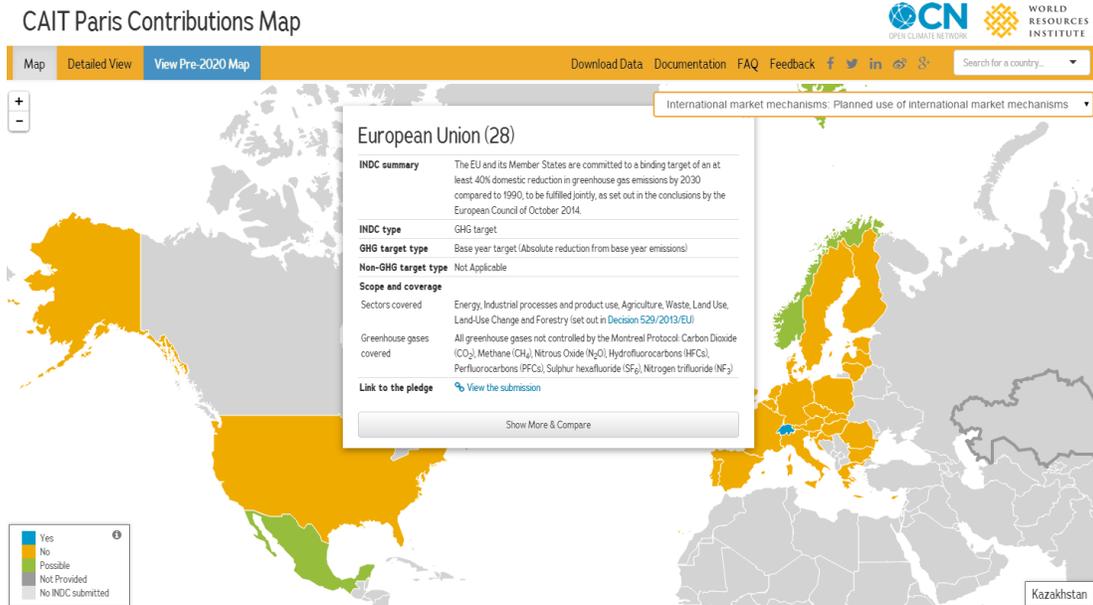
http://cait.wri.org/equity

CAIT Paris Contributions Map

Tracking, measuring, and assessing countries' proposed post-2020 climate commitments (known as INDCs) shortly after they are submitted to the UNFCCC is vital for ensuring they are as effective and ambitious as possible. The CAIT Paris Contributions Map lets users easily evaluate the transparency of INDCs and create visualizations based on critical information including timeframe, types of mitigation contributions and more.

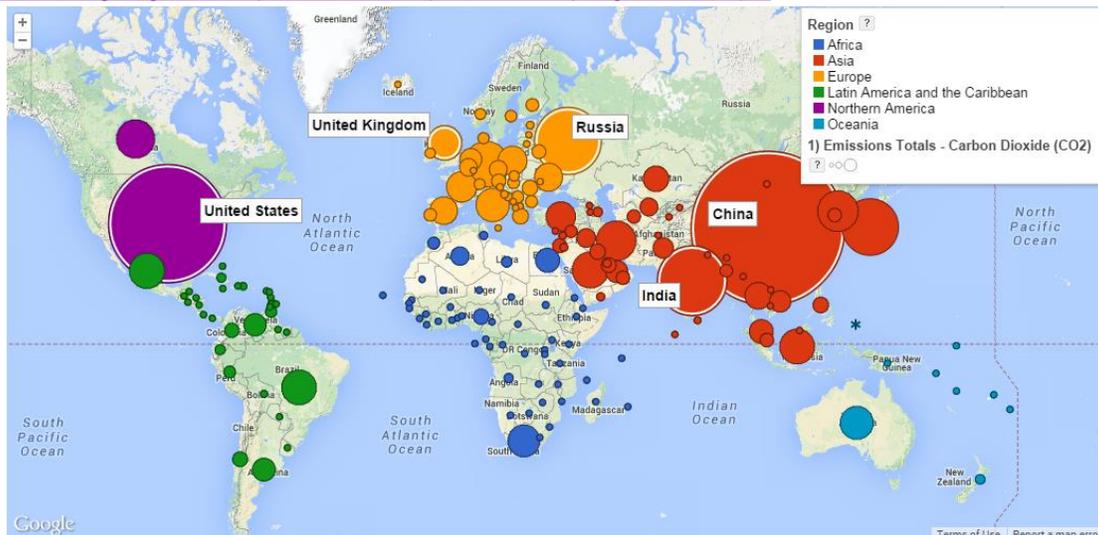http://cait.wri.org/indcs   http://cait.wri.org/pledges

Google Public Data Explorer

The Google Public Data Explorer allows users to explore the history of carbon emissions in an interactive way through maps and other dynamic charts to create interactive storytelling. Delve into the various aspects of socio-economic development and emissions output at the same time.

https://www.google.com/publicdata/explore?ds=cjsdgb406s3np

Upcoming: CAIT Business

Climate change presents new and emerging risks and opportunities to businesses in every industry. At the same time, major contributions from civil society are vital to limiting global temperature change. CAIT Business will bring together the most trusted, decision-relevant data collected by NGOs, governments, industry associations, and other sources in a single open data platform. It will provide the tools to make an informed and comprehensive appraisal of corporate action. This transparency will empower civil society, NGOs, the media, and public and private sector leaders to take action to conserve and sustainably manage resources at a pace that matches the changing climate

CAIT Users

CAIT's broad reach amplifies WRI's impact among international organizations and national governments. Since its release in the last year, the following influential organizations are confirmed to use CAIT 2.0 for their own analysis and reports:

- **International Organizations**: FAO, UN, World Bank, IADB
- **National Governments**: United States, China, UK, Australia, Canada, South Africa, New Zealand, Mongolia, Japan, Iran, Brazil, Georgia, Turkey, India, Uganda, Kenya, France, Thailand
- **Research Institutes**: Yale University's Environmental Performance Index, Seoul National University, Qatar university, Leiden University (Netherlands), Tsinghua University (China), Chinese Academy of Sciences , University of Burdwan (India) and numerous others world wide
- **Civil Society**: CDP, WWF, Union of Concerned Scientists, TERI, IFPRI, KEI
- **Media**: Guardian, Reuters, Slate, RT, National Geographic, Bloomberg