

What is Open Data?

“Open data is data that can be freely used, reused and redistributed by anyone”

opendatahandbook.org

What is Open Data?

- Open Data is *Legally* Open
 - free
 - no commercial restrictions
 - CC-by or CC-zero
- Open Data is *Technically* Open
 - Easy to find / searchable
 - Downloadable in raw form / open formats
 - Well documented (metadata)
 - No registration or pay-walls

Some examples ... World Bank


THE WORLD BANK
Working for a World Free of Poverty

ABOUT DATA RESEARCH LEARNING NEWS PROJECTS & OPERATIONS PUBLICATIONS COUNTRIES TOPICS

Data

By Country By Topic Indicators Data Catalog Microdata News About For Developers Products

This page in [English](#) | [Español](#) | [Français](#) | [العربية](#) | [中文](#)



New data and tools on climate change





A new Climate Change Knowledge Portal, launched today, includes visualization tools depicting temperature and rainfall scenarios to the year 2100 and the Apps for Climate competition will kick off in December at the United Nations Climate Change Conference in Durban, South Africa.

THE WORLD BANK
Open Data

The Data Catalog provides download access to over 7,000 indicators from World Bank data sets.

Find an indicator
GNI per capita, Atlas method (current US\$)
[Learn more about data sets](#)

BROWSE DATA

-  **By Country**
View profiles for over 200 countries and economies
-  **By Topic**
See key indicators for a variety of topics
-  **Indicators**
View data for over 1,200 indicators
-  **Use our Data**
Learn how to use World bank's data

<http://data.worldbank.org>

Some examples ... UNDP

The screenshot shows the UNDP website's 'Open Data' section. The header includes the UNDP logo and navigation links: 'UNDP around the world', 'Operations', 'Research & Publications', and 'News Center'. Below the header, there are three main navigation buttons: 'Our Work', 'Millenium Development Goals', and 'Our Perspective'. The breadcrumb trail reads 'Home > Operations > Transparency > Open Data'. On the left sidebar, 'Overview' is selected, and 'Exploring the Data' is expanded to show 'By Country/Unit' and 'By Project'. The main content area features a red circle around the 'Open Data' text and a pie chart titled 'UNDP Supports Projects'. The pie chart shows the distribution of projects by country/unit, with 'Other' being the largest category.

Country/Unit	Percentage (Estimated)
Other	45%
Afghanistan	15%
Sudan, Republic of ...	8%
Zimbabwe	5%
Democratic Republic...	3%
Bureau for Dev. Pol...	3%
Brazil	2%
Bangladesh	2%
Pakistan	2%
Prog for Palestinia...	2%
Egypt	1%
Honduras	1%
Guatemala	1%
Indonesia	1%
United Republic of ...	1%
Tajikistan	1%
Chad	1%

Some examples ... US Govt

An Official Web Site of the United States Government Wednesday, November 23, 2011 Text: A* A~ A Share


Site search SEARCH ▶

HOME DATA ▼ APPS COMMUNITY METRICS OPEN DATA SITES GALLERY WHAT'S NEW



ENVIRONMENTAL COMPLIANCE AND ENFORCEMENT DATA

Enforcement & Compliance History Online (ECHO) provides information about compliance with environmental laws that ensure clean air, water, and land. Use interactive menus and maps to search for facilities that were inspected, who had violations, whether EPA or your state took enforcement actions and more.




ECHO

Enforcement and Compliance History Online

Latest Datasets

- Metropolitan Area Look-Up
- FY11_EOM_Sep_VGLI Coverage Amount by State...
- Number of Veterans Insured by VGLI by State...
- FY10_Life Insurance Payments, Face Value of...
- Total Number of Railroad Employees by State...
- Distribution and Production of Oil and Gas...
- Monthly Utility and Nonutility Fuel Receipts...
- Monthly Energy Consumption by Sector
- Monthly Natural Gas Consumption by End Use
- Annual U.S. Natural Gas Summary

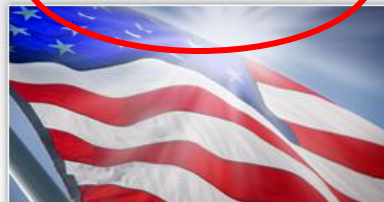
DATA AND APPS



COMMUNITIES



OPEN GOVERNMENT



Some examples ... UK Govt

The screenshot shows the data.gov.uk website interface. At the top left, the HM Government logo is visible. The main header area contains the text "data.gov.uk" with a "BETA" label and the slogan "Opening up government", which is circled in red. To the right of the header is a search bar with the placeholder text "What are you looking for?" and a green "Search" button. Below the header is a navigation menu with links for Home, Data, Apps, Events, Forum, Blogs, Consultation, Linked Data, Resources, and About. In the center of the page is a search box with a "Go" button and the text "Enter your postcode to find tools and information about your local area using government data". Below this are six featured content tiles, each with a title and a representative image: "Who does what in Whitehall?" (meeting room), "How your money is spent" (stacks of coins), "Government contracts in full" (hand signing document), "Who ministers are meeting" (group of people), "Business plans" (meeting with laptop), and "Applications" (mobile app interface for "Crime Spy UK" showing location "Cambridge City West (cambridgeshire)").

<http://data.gov.uk/>

Some examples ... Kenya

The screenshot shows the homepage of the Kenya Open Data portal. At the top, a navigation bar includes links for Home, Data Catalog, Suggest a Dataset, Community Applications, and Counties, along with Sign Up and Sign In options. The Kenya Open Data logo is prominently displayed and circled in red. Below the logo, a main content area features a section titled "Open Data: The bigger picture" with a descriptive paragraph and a link to "Read more about this site here." To the right, a green button invites "Developers Click Here". Below the main text, a "Counties" section includes a map of Kenya with a tooltip for "Kenya Counties" and labels for "Turkana" and "Mandera". On the right side, there are three vertical panels: "PROJECT TOPICS" with a list of categories like Education and Health; "PUBLIC EXPENDITURES" with links to "View Public Expenditures »" and "View CDF Spending »"; and "DEVELOPMENT INDICATORS" with a link to "View World Development Indicators »".

Why Open Data?

- Transparency
- Credibility
- Efficiency
- Collaboration & Engagement

Apps for Development

A competition brought to you by  THE WORLD BANK

 FOLLOW

 3890 followers

 Closed

 \$55,000 in prizes

[Home](#) [Rules](#) [Submission Gallery](#) [Updates](#) [Discussions](#) [Resources](#) [FAQ](#) [Data Sources](#)

We challenged people to create innovative tools, applications, and mash-ups using the data available through the World Bank's Open Data Initiative.

[VIEW THE WINNERS](#)

Apps for Development winners have been announced.
Congratulations to all the developers and participants who took part in the competition!

- Raise awareness
- Measure progress
- Identify solutions
- Promote open data

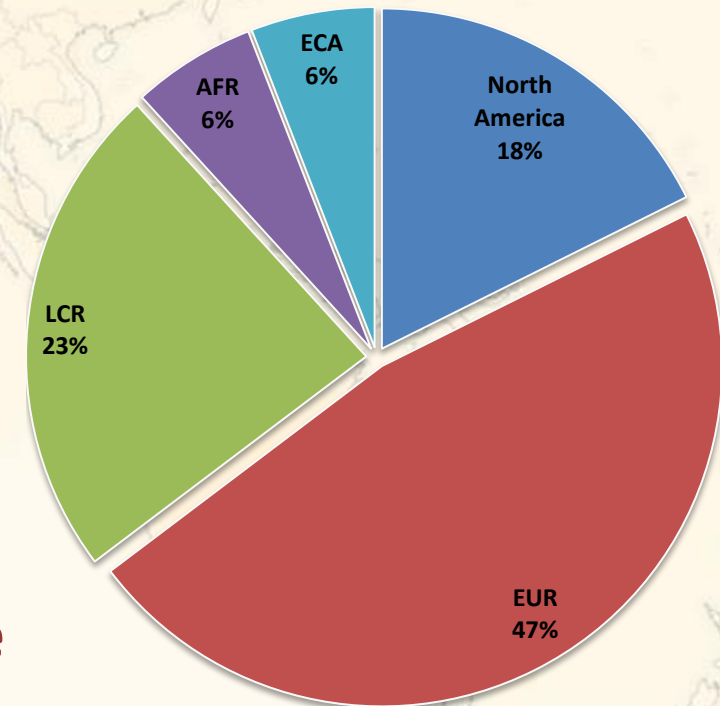
Apps *for* CLIMATE

Apps *for* CLIMATE

- **52** eligible apps submitted
- **1st Prize: \$15,000** (\$55,000 total)
- Awards ceremony: **June 26th**

Category (non-exclusive)	Count
Web apps	27
Mobile	16
Games	2
Educational	2
Augmented Reality	3

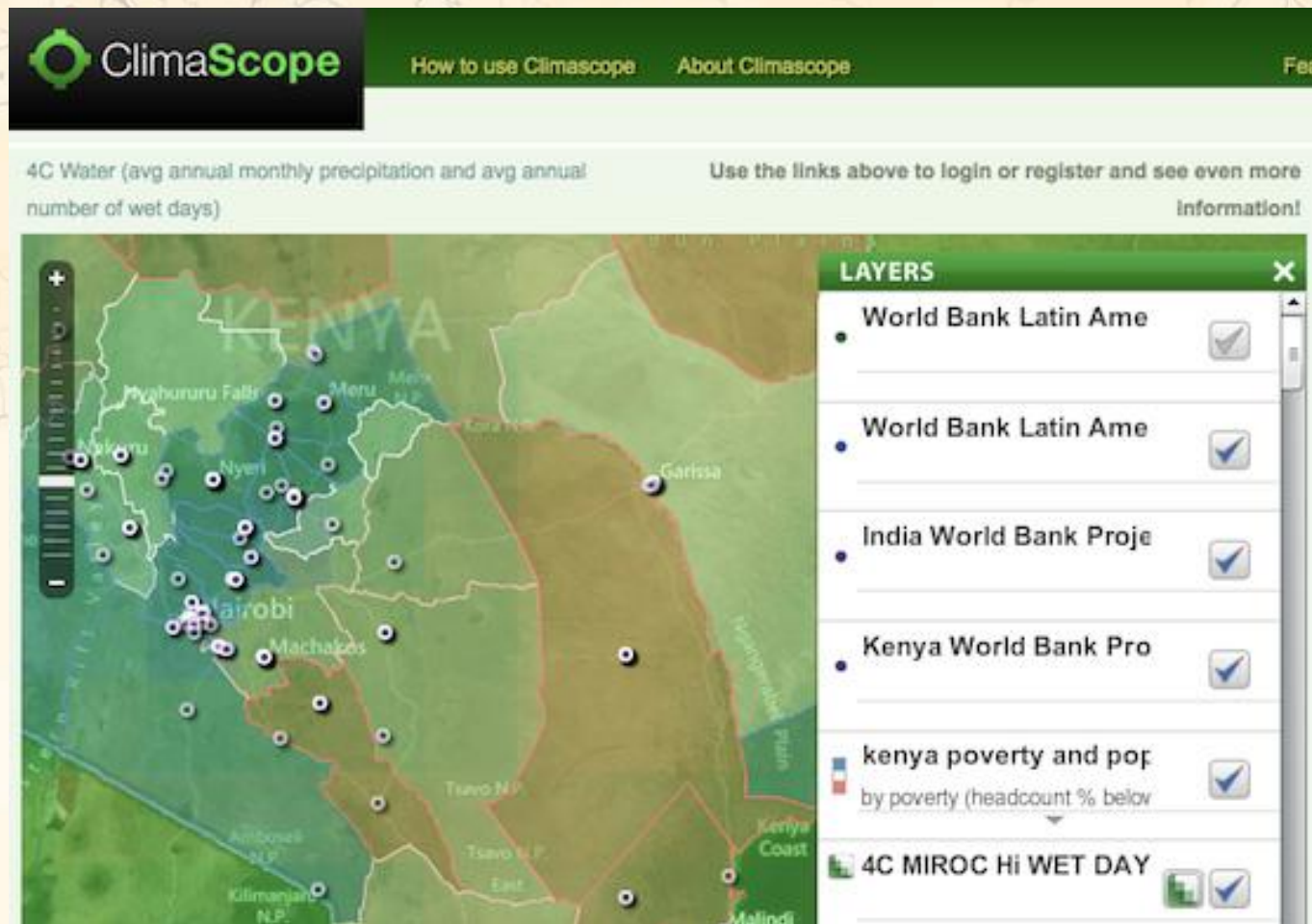
Apps for Climate
Submissions by Region



<http://worldbank.org/appsforclimate>

Climascope

Data Explorers



The screenshot displays the Climascope web application interface. At the top, there is a navigation bar with the Climascope logo and links for "How to use Climascope", "About Climascope", and "Features". Below the navigation bar, the main content area is titled "4C Water (avg annual monthly precipitation and avg annual number of wet days)". To the right of this title, there is a prompt: "Use the links above to login or register and see even more information!". The central part of the interface is a map of Kenya, showing various regions and cities. A vertical scale bar is visible on the left side of the map. On the right side, there is a "LAYERS" panel with a list of data layers and their corresponding checkboxes:

- World Bank Latin Ame
- World Bank Latin Ame
- India World Bank Proje
- Kenya World Bank Pro
- kenya poverty and pop by poverty (headcount % below)
- 4C MIROC Hi WET DAY

Ecofacts

If 1.0 million people in Argentina walked or used a bicycle 5 kilometers every day instead of using 50 kilometers per liter, that would mean that **500.00 thousand liters** less of gas are would be used. This means saving **434.35 thousand tons** of CO₂ to be released into the atmosphere, every year.

434.35 thousand tons of CO₂ equals the weight of:



255.50 thousand cars or



62.05 thousand buses or



28.96 thousand trucks or

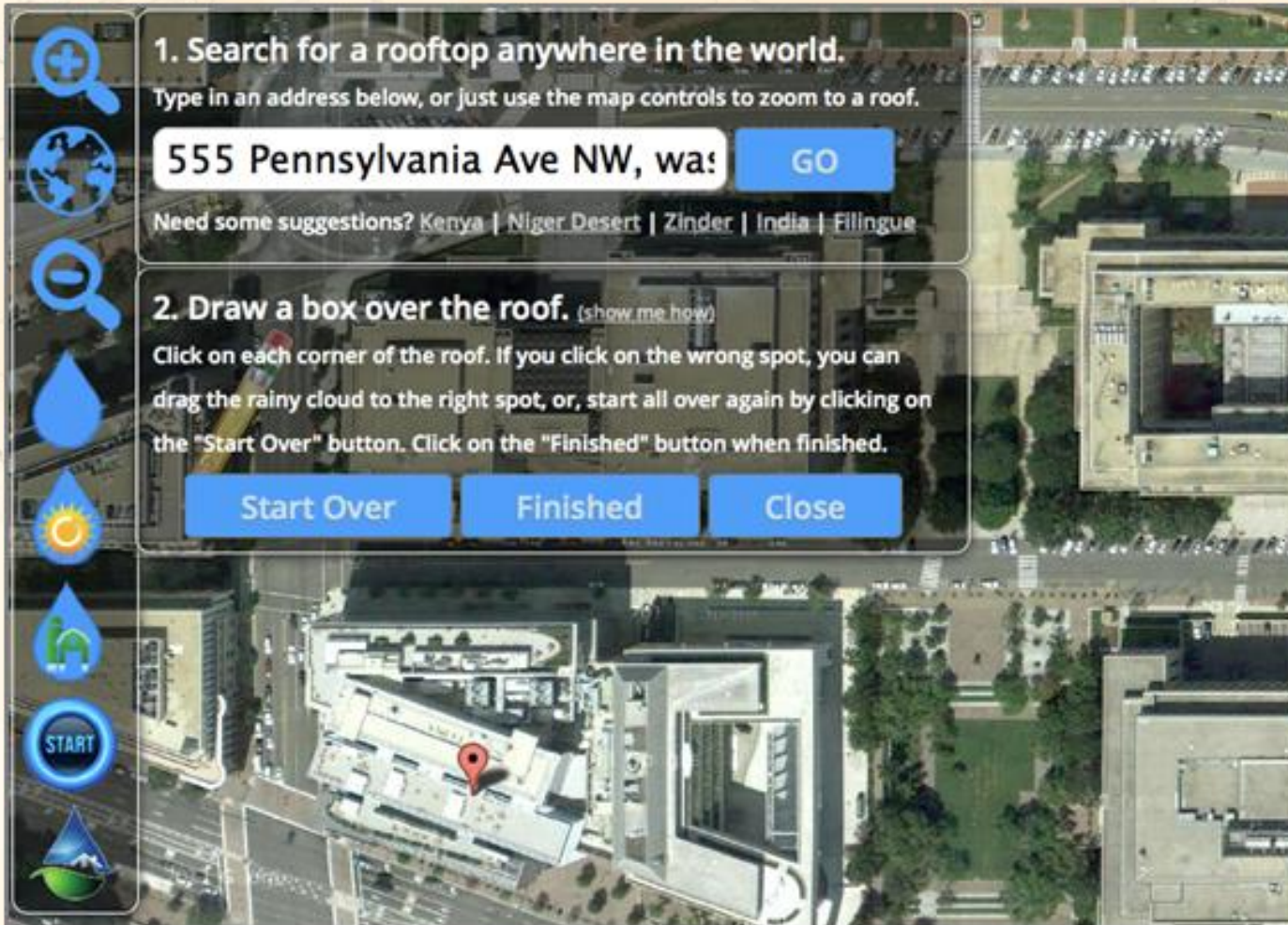


7.24 thousand trains or



5.43 thousand airplanes

Save the Rain



1. Search for a rooftop anywhere in the world.
Type in an address below, or just use the map controls to zoom to a roof.

555 Pennsylvania Ave NW, wa

Need some suggestions? [Kenya](#) | [Niger Desert](#) | [Zinder](#) | [India](#) | [Fillgue](#)

2. Draw a box over the roof. (show me how)
Click on each corner of the roof. If you click on the wrong spot, you can drag the rainy cloud to the right spot, or, start all over again by clicking on the "Start Over" button. Click on the "Finished" button when finished.

Other Environmental Competitions

- Apps for the Environment
EPA, June-Sept, 2011
<http://www.epa.gov/appsfortheenvironment>
- London Green Hackathon
AMEE, Jan 28-29, 2012
<http://london.greenhackathon.com>
- Clean Web Hackathons
Ongoing
<http://cleanweb.co>



Thank you!

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