

Information about data sources for the Climate Watch portal

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You can download all data files in bulk here.

Module	Dataset	Description	Download
COUNTRIES	UNFCCC timeline (UNFCCC)	<p>The UNFCCC timeline links to the submissions of ten different document types to the UNFCCC, including</p> <ol style="list-style-type: none"> 1. INDC/NDCs 2. Cancun pledges 3. Annex 1 National Communications 4. Non-Annex 1 National Communications 5. Annex 1 National Inventory Reports 6. Biennial Reports 7. Biennial Update Reports 8. Long-term Strategies 9. Strategies and Approaches for Scaling up Climate Finance 10. National Adaptation Plans 11. Annex 1 National Inventory Submissions) 	<p>Access original sources here:</p> <ol style="list-style-type: none"> 1. NDC Registry http://unfccc.int/focus/ndc_registry/items/9433.php 2. INDC Submissions http://unfccc.int/focus/indc_portal/items/8766.php 3. Cancun pledges (Annex I Parties) http://unfccc.int/meetings/copenhagen_dec_2009/items/5264.php 4. National Communications (Annex I Parties) http://unfccc.int/national_reports/national_communications_and_biennial_reports/submissions/items/7742.php 5. National Communications (Non-Annex I Parties) http://unfccc.int/national_reports/non-annex_i_natcom/items/10124.php 6. Biennial Reports (Annex I Parties) http://unfccc.int/national_reports/national_communications_and_biennial_reports/submissions/items/7550.php 7. Biennial Update Reports (Non-Annex I Parties) http://unfccc.int/national_reports/non-annex_i_natcom/reporting_on_climate_change/items/8722.php 8. Long-term Strategies http://unfccc.int/focus/long-term_strategies/items/9971.php 9. National Inventory Submissions (Annex I Parties)

			http://unfccc.int/national_reports/annex_i_ghg_inventories/national_inventories_submissions/items/10116.php 10. National Adaptation Plans 11. http://www4.unfccc.int/nap/Pages/national-adaptation-plans.aspx http://unfccc.int/meetings/cop_15/copenhagen_accord/items/5265.php
COUNTRIES	Socioeconomic indicators (World Bank)	The World Bank Databank includes key development indicators by country from 1960-2016. It includes access to the indicators in many different general and specialized databases and allows for selection of different time periods, countries, and data series for viewing and download. The indicators here are from the World Development Indicators database .	Access original data source here: https://data.worldbank.org/data-catalog/world-development-indicators Data file: CW_socioeconomic_indicators.xls
COUNTRIES	NDC Quantification	UNEP/DTU Pledge pipeline includes the Nationally Determined Contributions (INDCs/NDCs) for 2025 or 2030, that are submitted to the UNFCCC and the pledges for 2020 from the Copenhagen Accord. The dataset also includes the GHG emissions from all countries with or without LULUCF for the historic years 1990, 2005, 2010, and the latest year available.	Access original data source here: Fenhann, Jorgen. 2017. Pledge Pipeline. UNEP/DTU. Available online at http://www.unep.org/climatechange/resources/pledge-pipeline
		The working paper Translating Targets into Numbers quantifies the emissions level associated with the GHG target set by G20 countries in their Cancun pledges and (I)NDCs. An update to the data was made, following the methodology in the working paper, and supersedes numbers provided in Pledge Pipeline for relevant G20 countries.	Access original data source here: Ross, K., D. Rich, and M. Ge. 2016. "Translating Targets into Numbers: Quantifying the Greenhouse Gas Targets of the G20 Countries." Working Paper. Washington, DC: World Resources Institute. Available online at http://www.wri.org/publication/translating-targets-into-numbers Data file: CW_NDC_quantifications.xlsx

COUNTRIES	Climate Vulnerability and Readiness	<p>Climate vulnerability and readiness indicators combines datasets from different data sources, including:</p> <ul style="list-style-type: none"> • Population living below the national income poverty line (UNDP) • Key Hazards (World Bank CC Knowledge Portal) • Climate Risk Index score (German Watch) • Vulnerability score (ND_GAIN) • Readiness score (ND_GAIN) 	Data file: CW_Climate_Vulnerability_Readiness.xls
NDCs; COUNTRIES	NDC Content	NDC Content module integrates data from the World Bank NDC Platform that includes detailed adaptation/mitigation information, a content visualization tool, and summary country briefs.	<p>Access original data source here: http://indc.worldbank.org/</p> <p>Data file: CW_NDC_Content_WB.xlsx</p>
NDCs	NDC Content original text	NDC Content module presents country (I)NDCs, including INDC in a digital format. Original submissions have been digitalized by the WRI team, in the scope of the Climate Watch project.	For download access: HTML_text.zip
GHG EMISSIONS; COUNTRIES	GHG Historical emission (CAIT)	GHG historical emissions module integrates data from the CAIT Historical Emission which contains sector-level greenhouse gas (GHG) emissions data for 191 countries and the European Union (EU) for the period 1990-2014, including emissions of the six Kyoto GHGs from most major sources and sinks. It also contains historical country-level carbon dioxide (CO2) emissions data going back to 1850, and energy sub-sector CO2 emissions data going back to 1971.	<p>Access original data source here: http://cait.wri.org/historical</p> <p>Data file: CW_CAIT_GHG_Emissions.xlsx</p>

GHG EMISSIONS; COUNTRIES	GHG Historical emissions (PIK)	GHG historical emissions module integrates PIK-PRIMAP dataset that combine several published datasets to create a comprehensive set of greenhouse gas emission pathways for every country and Kyoto gas covering the years 1850 to 2014 and all UNFCCC (United Nations Framework Convention on Climate Change) member states as well as most non-UNFCCC territories.	Access original data source here: Gütschow, Johannes; Jeffery, Louise; Gieseke, Robert; Gebel, Ronja (2017): The PRIMAP-hist national historical emissions time series (1850-2014). V. 1.1. GFZ Data Services. http://doi.org/10.5880/PIK.2017.001
GHG EMISSIONS; COUNTRIES	GHG Historical emissions (UNFCCC)	GHG historical emissions module integrates data from the UNFCCC GHG inventory data interface, that provides information on GHG emissions from submissions made by parties. This include by Annex I Parties and in the national communications under the Convention by non-Annex I Parties.	Access original data source here: http://di.unfccc.int/ Data file: CW_UNFCCC_GHG_Emissions.xlsx
SDG LINKAGES; COUNTRIES	NDC-SDG Linkages analysis (WRI)	The NDCs SDGs linkage analysis is a comprehensive study, which examines the degree of alignment between the (I)NDCs and the 169 targets of the 2030 Sustainable Development Agenda. Climate action texts were extracted from the NDCs and aligned with relevant targets. The study is carried by WRI to support a joint implementation of both the Paris Agreement and the 2030 Agenda	Data file: CW_WRI_NDC_SDGs_Linkages.xls
Pathways	Annual Energy Outlook 2017	This dataset is a compilation of all the data for Annual Energy Outlook available in the Pathways module on Climate Watch. It includes the model meta information, scenario meta information and time series data for the scenarios listed below. Time series data 1. Historical emissions (BR2) 2. With additional measures (BR2)	Access original data sources here: Model meta information: https://www.eia.gov/outlooks/aeo/assumptions/pdf/0554(2017).pdf Scenario meta information: https://www.eia.gov/outlooks/aeo/assumptions/pdf/0554(2017).pdf Time series data: U.S. Energy Information Administration API Data file: AEO_2017.xlsx

		<ol style="list-style-type: none"> 3. With measures (BR2) 4. Without measures (BR2) 5. Historical emissions (BR3) 6. With additional measures (BR3) 7. With measures (BR3) 8. Without measures (BR3) 	
Pathways	Global Calculator	<p>This dataset is a compilation of all the data for Global Calculator available in the Pathways module on Climate Watch. It includes the model meta information, scenario meta information and time series data for the scenarios listed below.</p> <p>Time series Data</p> <ol style="list-style-type: none"> 1. Cambridge Architectural Research 2. Climact 3. Consumer Activism 4. Consumer Reluctance 5. Distributed Effort 6. Low Action on Forests 7. RCP 2.6 8. RCP 6.0 9. RCP 8.5 10. TICM-UCL 2DS 11. TICM-UCL 4DS 12. WEC PSI-Jazz 13. WEC PSI-Symphony 	<p>Access original data sources here:</p> <p>Model meta information: http://uncached-site.globalcalculator.org/about-calculator</p> <p>Scenario meta information http://uncached-site.globalcalculator.org/pathways</p> <p>Time series data: https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/398673/Global_Calculator.xlsx</p> <p>Data file: GC.xlsx</p>
Pathways	Global Change Assessment Model	<p>This dataset is a compilation of all the data for Global Change Assessment Model available in the Pathways module on Climate Watch. It includes the model meta information, scenario meta information and time series data for the scenarios listed below.</p> <p>Time series Data</p>	<p>Access original data sources here:</p> <p>Model meta information: http://jgcri.github.io/gcam-doc/</p> <p>Scenario meta information: http://science.sciencemag.org/content/sci/suppl/2015/11/24/science.aad5761.DC1/aad5761_Fawcett-SM.pdf</p> <p>Time series data: Joint Global Change Research Institute</p> <p>Data file: GCAM.xlsx</p>

		<ol style="list-style-type: none"> 1. Low policy 2. No policy 3. Paris - Continued ambition 4. Paris - Increased ambition 	
Pathways	Global Multi-regional Markal	<p>This dataset is a compilation of all the data for Global Multi-regional Markal available in the Pathways module on Climate Watch. It includes the model meta information, scenario meta information and time series data for the scenarios listed below.</p> <p>Time series Data</p> <ol style="list-style-type: none"> 1. Hard Rock 2. Modern Jazz 3. Unfinished Symphony 	<p>Access original data sources here: Model meta information: Paul Scherrer Institute (PSI) Scenario meta information: Paul Scherrer Institute (PSI) Time series data: Paul Scherrer Institute (PSI)</p> <p>Data file: GMM.xlsx</p>
Pathways	International Energy Outlook 2016	<p>This dataset is a compilation of all the data for International Energy Outlook 2016 available in the Pathways module on Climate Watch. It includes the model meta information, scenario meta information and time series data for the scenarios listed below.</p> <p>Time series Data</p> <ol style="list-style-type: none"> 1. High Economic growth 2. High Oil Price 3. Low Economic growth 4. Low Oil Price 5. Reference 	<p>Access original data sources here: Model meta information: https://www.eia.gov/outlooks/ieo/weps/documentation/ Scenario meta information: https://www.eia.gov/outlooks/ieo/pdf/0484(2016).pdf Time series data: U.S. Energy Information Administration API</p> <p>Data file: IEO.xlsx</p>
Pathways	UNFCCC Biennial Reports	<p>This dataset is a compilation of all the data for UNFCCC second and third Biennial Reports available in the Pathways module on Climate Watch. It includes the model meta information, scenario meta information and time series data for the scenarios listed below.</p>	<p>Access original data sources here: Model meta information: http://unfccc.int/national_reports/national_communications_and_biennial_reports/items/10267.php Scenario meta information: http://unfccc.int/resource/docs/2015/tp/03.pdf</p>

		<p>Time series Data</p> <ol style="list-style-type: none"> 1. Historical emissions (BR2) 2. With additional measures (BR2) 3. With measures (BR2) 4. Without measures (BR2) 5. Historical emissions (BR3) 6. With additional measures (BR3) 7. With measures (BR3) 8. Without measures (BR3) 	<p>Time series data:</p> <ul style="list-style-type: none"> • BR2 (Second Biennial Reports): http://unfccc.int/national_reports/national_communications_and_biennial_reports/submissions/items/7550.php • BR3 (Third Biennial Reports): http://unfccc.int/national_reports/biennial_reports_and_iar/biennial_reports_data_interface/items/10132.php <p>Data file: UNFCCC Biennial Reports.xlsx</p>
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