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Iceberg

Climate Toolkits

Download Chatbot

These toolkits provide sector-specific checklists, sample documents and other resources for creating successful partnerships relating to Climate Change.

Climate Toolkits

The World Bank Group Climate Toolkits for Infrastructure PPPs

If structured correctly, PPPs can increase climate resilience offering innovative solutions to address both mitigation and adaptation challenges. This toolkit aims to address this precise challenge by embedding a climate lens and approach into upstream PPP advisory work and structuring. The World Bank Group has launched five additional sector-specific Climate Toolkits for Infrastructure PPPs tailored to the development of low-carbon and resilient infrastructure, see Roads, Renewables, Hydropower, ICT and Water Production and Treatment.

The Law and Climate Change Toolkit

The Law and Climate Change Toolkit is an online and open database developed through a partnership between the UN Climate Change secretariat, UN Environment Programme, and the Commonwealth Secretariat working in close collaboration with partner countries, international organizations and research institutions.

Legal and Regulatory Reform Toolkit for High-Integrity Carbon Markets

This toolkit offers countries a practical pathway to develop or strengthen their legal and regulatory frameworks for high-integrity carbon credit transactions, particularly under Articles 6.2 and 6.4 of the Paris Agreement.

Resilience Rating System: A Methodology for Building and Tracking Resilience to Climate Change

To help guide investment decisions and improve climate resilience in project design and outcomes, the World Bank Group has developed a Resilience Rating System (RRS), along with an accompanying climate risk stress testing method and tool.

Achieving Net Zero Emissions in the Agrifood System

Recipe for a Livable Planet is the first comprehensive global strategic framework for mitigating the agrifood system’s contributions to climate change. This practical guide outlines global actions and specific steps that countries at all income levels can take starting now, focusing on six key areas: investments, incentives, information, innovation, institutions, and inclusion.

Just Transition Tool for Private Sector Activities

The Just Transition Tool for Private Sector Activities provides actionable guidance to policymakers for developing place-based economic strategies that leverage the private sector to deliver employment

opportunities during a low-carbon transition.

Assessment and Adaptation Tools

Climate & Disaster Risk Screening Tools

The Climate and Disaster Risk Screening Tools provide a systematic, consistent, and transparent way of considering short- and long-term climate and disaster risks in project and national/sector planning processes. These self-paced tools provide high-level screening at an early stage of program and/or project development. They are intended to help determine the need for further studies, consultation, and/or dialogue in the course of program or project design.

The tools can be applied to a range of development sectors in support of (a) national plans and strategies and (b) project level investments. Project level tools are available for a range of sectors including agriculture, water, roads, coastal flood protection, energy, health and other.

Climate Change Adaptation Tools

The Climate Change Knowledge Portal is a central hub of information, data, and reports about climate change around the world. It allows users to query, map, compare, chart, and summarize key climate and climate-related information. The Portal features access to a number of online climate change adaptation tools providing comprehensive global, regional, and country data related to climate change and development. These tools include the Climate Compatible Development Tools,UKCIP Adaptation Wizard,Community-based Risk Screening Tool – Adaptation and Livelihoods (CRisTAL), and Hands-on Energy Adaptation Toolkit HEAT).

Natural Hazard Assessment Tool

Assessing the potential disaster and climate risk in development is critical for development experts, project developers, planners, officials, and other decision makers. To make this understanding of risk more accessible and increase the resilience of projects around the world, the Global Facility for Disaster Reduction and Recovery’s Innovation Lab has collaborated with the World Bank Group, BRGM (the French geological survey), Camptocamp, and Deltares, to develop ThinkHazard!. This free, open source tool analyses global, national, and local hazard data in a first-of-its-kind digital platform. Hazard information is available for 196 countries across 8 different natural hazards. With this tool, users can have a quick, simple-to-use overview of all hazards in an area of interest and access recommendations and resources to help address those risks.

The Decision Tree Framework

No methodology has yet been generally accepted for assessing the significance of climate risks relative to all other risks to water resources projects.

The goal of this book, "The Decision Tree Framework," is to outline a pragmatic process for risk assessment of water resources projects that can serve as a decision support tool to assist project planning under uncertainty. The approach adopted here is a robustness-based, bottom-up alternative to previous top-down approaches to climate risk assessment, the quality of which has been contingent on the accuracy of future climate projections derived from general circulation models (GCMs). The Decision Tree's approach to risk assessment aims at a thorough understanding a project’s vulnerabilities to climate change, in the context of other non-climate uncertainties (e.g., economic, environmental, demographic, political). It helps to identify projects that perform well across a wide range of potential future climate conditions, as opposed to seeking solutions that are optimal in expected conditions, but fragile to conditions deviating from the expected.

Climate-Resilient Public Private Partnerships

A toolkit to provide pragmatic, practical solutions to integrate the assessment of climate risks and resiliency opportunities in the preparation of infrastructure projects through Public Private Partnerships (PPPs). (Inter-American Development Bank 2020)

Funding a Water-Secure Future: An Assessment of Global Public Spending

A guide that governments and a range of other stakeholders can use to improve decision-making and thereby facilitate reforms to increase financing and funding in the water sector, enhance the utilization of already allocated funds, and raise the efficiency with which existing resources are employed to maximize development impact.

From Risk to Resilience: Helping People and Firms Adapt in South Asia

This resource explores how governments in South Asia with limited fiscal space can strengthen economic and social resilience by making markets work better, removing barriers to adaptation, and complementing market solutions with targeted public investments and adaptive social protection.

Related Content

- Climate-Smart PPP Legal and Regulatory Framework
- Preparing, Procuring and Implementing Climate-Smart PPPs
- ?Sector-Specific Content on Climate-Smart
- Renewable Energy
- Climate-Smart PPPs: Further Reading and Resources

Additional Resources

- Guidelines & Tools
- Benchmarking
- Checklists for Key Legal/ Drafting Issues in PPPs and sample clauses
- Sample PPP Clauses
- TORs for Advisors
- Welcome to ChatPPP!

Partner Resources

Renewable Energy Project Resource Centre (REPRC)

hosted by Energypedia

Wiki-based library of energy project resources. Includes sample terms of references, procurement documents, economic analyses and case studies (success factors and lessons learned).

Subsections

Climate Toolkits for Infrastructure PPPS - Wind Energy, Power

World Bank Group Climate Toolkits for PPPs

Climate Toolkit for Infrastructure, Roads, Road cutting through greenery

Climate Toolkits: Roads

Climate Toolkit, Renewables, aerial-view-large-sustainable-electrical-power-plant-with-many-rows-solar-photovolta

Climate Toolkits: Renewables

hydropower

Climate Toolkits: Hydropower

Climate Toolkit for Infrastructure, ICT, Woman using computer on a field

Climate Toolkits: ICT

Climate Toolkit, Water Treatment, aerial view of sewage water treatment plant

Climate Toolkits: Water Production and Treatment

windmill

The Law and Climate Change Toolkit

Resilience Rating System: A Methodology for Building and Tracking Resilience to Climate Change

Resilience Rating System: A Methodology for Building and Tracking Resilience to Climate Change

Achieving Net Zero Emissions in the Agrifood System

Achieving Net Zero Emissions in the Agrifood System

The World Bank Group's climate and disaster risk screening tools, flood

The World Bank Group's climate and disaster risk screening tools

windmill

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World Bank Group’s Climate Change Knowledge Portal (CCKP)

Man in overalls with trash

Image not found or type unknown

ThinkHazard!

Person washing hands

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Confronting climate uncertainty in water resources planning and project design: The Decision Tree Framework

Wind turbine

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Climate-Resilient Public Private Partnerships

Funding a Water-Secure Future: An Assessment of Global Public Spending

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Funding a Water-Secure Future: An Assessment of Global Public Spending

solar panels

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Just Transition Tool for Private Sector Activities

coastline

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From Risk to Resilience: Helping People and Firms Adapt in South Asia

feather

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Legal and Regulatory Reform Toolkit for High-Integrity Carbon Markets

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