

SME Climate Adaptation Impact Assessment and Reporting Tool

Company Description	Overview of the Company including history and purpose	
Geographic Region^[1]	Description of the size, and geographical location of the company	
Historic Climate Trends^[2]	Describe current climate impacts in this Geographic Region, include descriptions of the types of people, communities, or businesses impacted	
Projected Future Climate Change^[3]	Summary of future projections of climate impact in this Geographic Region, include descriptions of the types of people, communities, or businesses impacted	
Climate Impacts^[4]	Argument on how specifically these changes/variabilities are having a negative impact on vulnerable communities/society	
Market Need and Opportunity	Outline of how climate change or climatic variability is affecting this specific market – focus on key climate parameters	
Description of Product or Service	Information on product, services, and / or technology offered by the Company	
Proposed Intervention	Describe how the company's products, services or technology will help the community/society of the target market to adapt to these negative impacts; show a clear causality link between specific activities and its objective of reducing vulnerability to climate change	

^[1] *Region* is the geographic scale that is most affected by the climate change hazard and most appropriate for the planned interventions. This could be at the sub-national scale or involve multiple countries.

^[2] For *historic* climate trends, National Meteorological and Hydrological Services should be able to provide information on historical trends, variability, and extremes through their monitoring of observed daily temperature, precipitation, etc. In addition to NMHS data, many global and regional climate datasets from research centers, data hubs, reanalysis and climate modelling centers, and satellite agencies from the WMO network are also available. When assessing historical variability, trends, and extremes the datasets should be quality-controlled, consistent, and of a homogenized timeseries wherever possible.

³Projected *future* climate change should be based on projections generated from the IPCC climate models used to estimate future changes of relevant climatic contributing factors. Several information platforms are available to provide summary projections from these models and give access to the data for further analysis.

⁴*Impacts* refer to the effects on natural and human systems of extreme weather and climate change events. Impacts generally refer to effects on lives, livelihoods, health, ecosystems, economies, societies, cultures, services, and infrastructure due to the interaction of climate changes or hazardous climate events occurring within a specific time period and the vulnerability of an exposed society or system.

Resources

Climate Impacts

- [Adaptation Solutions Taxonomy](#) The ASAP Adaptation Solutions Taxonomy establishes a structured approach to determine whether an SME qualifies as “Adaptation SME” based on the type(s) of technologies, products and services offered
- [World Bank Climate Change Knowledge Portal](#) – Global data on historical and future climate vulnerabilities and impacts. Can view country profile data to gain insight into risks and adaptation actions
- Intergovernmental Panel on Climate Change (IPCC) AR6 Working Group 2; [Fact Sheet on Africa](#); [Fact Sheet on Asia](#); [Fact Sheet on Central and South America](#)

Measuring Impact

- [IRIS+](#) - IRIS is a catalog of generally accepted social and environmental performance metrics created by the Global Impact Investing Network and used by many impact investors.
- [Land Use Impact Hub](#) – Created by the UN Environment Programme, the Land Use Impact Hub is a collection of tools to monitor and measure environmental and social impact in sustainable land use finance

Environmental and Social Risk Management

- [IFC Performance Standards](#) are an international benchmark for identifying and managing environmental and social risk and has been adopted by many companies as a key component of their environmental and social management
- ESG toolkit for financial institutions by British International Investments – help to understand the perspective of fund managers and investors who would be interested in investing in your company - <https://fintoolkit.bii.co.uk>
- Tools for understanding Environmental and Social risk – this includes a tool to understand sector specific risks <https://firstforsustainability.org/risk-management/>

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