


CASE STUDIES : ORCHID
Analytical Scope Lens : Complexity

Illustration	Complexity	ANALYTICAL SCOPE LENS
Tool:	ORCHID	
Case Study:	ORCHID: Screening Climate Risks To Development Cooperation In India	
Description:	<p>Summary: ORCHID is a risk management approach to portfolio screening that stresses both the risks and opportunities of climate change. It identifies how climate change concerns can be combined with ongoing programmes, in particular through strengthening components related to disaster risk reduction and climate change adaptation. This tool has been applied in India, where large numbers of people depend on climate sensitive sectors for their livelihoods. With up to half of the DFID-India portfolio of development programmes exposed to climate risk, the organization decided risk management needed to be accelerated urgently.</p>  <p>Placemark Link</p> <p>More information: The ORCHID tool is based on the following actions:</p> <ol style="list-style-type: none"> (1) Estimate risk as a function of hazard and vulnerability; (2) Identify risk management options and costs; (3) Analyze the potential impacts with risk management; (4) And calculate net benefits using a cost-benefit analysis. <p>Applying these actions, DFID-India staff could:</p> <ol style="list-style-type: none"> (1) Think through and act on potential climate risks and opportunities; (2) Highlight vulnerable sectors and regions, key risks, and opportunities for addressing risks; (3) Develop a basis for strengthening existing adaptation processes and for developing new strategies; and (4) Identifying and selecting new adaptation options relevant to the DFID-India portfolio. <p>Using ORCHID, a set of potential risk management and adaptation options was identified for each of the ten programmes flagged by the process. These options deal with current vulnerability to multiple stresses in the context of climate change and provide a firm foundation for building future resilience in many cases. For example, one of the adaptation options selected for the water and sanitation programme is to incorporate analysis of projected changes in drinking water supply in contracts of service providers and to integrate flood and disease warning and evacuation plans.</p>	
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