

ROADMAP FOR INTEGRATED WATER RESOURCE MANAGEMENT (IWRM) IN RIVER BASINS

The Roadmap for IWRM in River Basins tool was created to assess efforts to improve governance, environmental protection and risk management. The tool is a desk-based exercise that is performed by development partners in discussion with basin level authorities on a yearly basis with the object of providing a comparison of progress in the area of IWRM over time. Twenty-five criteria are used to rate the progress of IWRM efforts. Scoring for each criterion is based on a stoplight with 4 points for high performance, 2 points for average performance, and 0 points for poor performance. The definitions of high, average, and poor for each criterion are established through a participatory process with basin level stakeholders and incorporate the capacity building objectives of the project or programme. The scores for each criterion are aggregated and expressed as a percent. Because the tool is a desk-based exercise, an assessment requires a minimal level of effort and could be completed through a series of three to four meetings over the course of a few weeks or months.

GENERAL DESCRIPTION

Target: Project or programme staff.

Objective: To assess efforts to improve governance, environmental protection and risk management.

Areas: Integrated Water Resource Management (environment)

Indicators: 25 criteria are used including: river basin organization, stakeholder participation, river basin planning, public awareness, water allocation, water rights, wastewater permits, IWRM financing, economic instruments, regulation, infrastructure for multiple benefits, private sector contributions, water education, watershed management, environmental flows, disaster management, flood forecasting, flood damage rehabilitation, water quality monitoring, wetland conservation, fisheries, groundwater management, water conservation, and decision support information.

Methodology: Each of 25 criteria is given a score of 0 (low), 2 (middle), or 4 (high) based upon the perceived performance. Scoring is based upon a review of literature and consultation with key informants at the district level.

Outputs: Indicator and area score.

Tool format and language: Word document; English.

Resource Link: This tool along with other resources are available: <http://water.care2share.wikispaces.net/TOOLS>

Area Scores	2009	2010	2011	2012
Total score	57	47	55	66
Percentage Score	76%	63%	73%	88%

IMPACT AND FINDINGS

The framework for the IWRM Roadmap was adapted from the Asian Development Bank. Through CARE's Global Water Initiative (GWI), this framework has been utilised to evaluate the status of IWRM in Ethiopia, Tanzania, Kenya, and Uganda. The results have been used to assess efforts towards the governance, environmental protection and risk management strategic objectives of the GWI; especially with regards to enhancing local government capacity in IWRM and managing resource at the national, regional and local levels.

Strengths	Limitations
Participatory process that captures the perspectives of key authorities at the basin level	Secondary data is used and therefore the validity of the results is dependent on the availability and accuracy of this data
Simple framework with a straightforward scoring and aggregation process	Links between the output scores and specific recommendations could be improved