



# WORLD BANK PCN STAGE/GEF DATA SHEET<sup>1</sup>

PROJECT TYPE: Full-sized Project

TYPE OF TRUST FUND: GEF Trust Fund

For more information about GEF, visit [TheGEF.org](http://TheGEF.org)

## PROJECT INFORMATION

Project Title:	GEF Mainstreaming Integrated Water and Environment Management Project		
Country(ies):	China	GEF Project ID: <sup>2</sup>	
GEF Agency(ies):	WB (select) (select)	GEF Agency Project ID:	P145897
Other Executing Partner(s):	Ministry of Environmental Protection; Ministry of Water Resources; Supported by Ministry of Agriculture; State Oceanic Administration; Other related ministries and provincial agencies.	Submission Date:	2013-08-08
GEF Focal Area (s):	International Waters	Project Duration (Months)	60
Name of parent program (if applicable): • For SFM/REDD+ <input type="checkbox"/>		Project Agency Fee (\$):	1,700,000

### A. INDICATIVE FOCAL AREA STRATEGY FRAMEWORK<sup>3</sup>:

Focal Area Objectives	Trust Fund	Indicative Grant Amount (\$)	Indicative Co-financing (\$)
IW-1 (select)	GEFTF	9,520,000	95,200,000
IW-3 (select)	GEFTF	7,480,000	74,800,000
(select) (select)	(select)		
(select) (select)	(select)		
(select) (select)	(select)		
(select) (select)	(select)		
(select) (select)	(select)		
(select) (select)	(select)		
(select) (select)	(select)		
Total Project Cost		17,000,000	170,000,000

### B. INDICATIVE PROJECT DESCRIPTION SUMMARY

<b>Project Objective: The project objective is to implement and mainstream the adoption of integrated water and environment management to maximize the economic value of scarce water resources and minimize the negative impacts on ecological environment for the purpose of green and sustainable growth, and environment protection of the international Bhai Sea.</b>						
Project Component	Grant Type <sup>4</sup>	Expected Results/ Outcomes	Expected Outputs	Trust Fund	Indicative Grant Amount (\$)	Indicative Cofinancing (\$)
1. Mainstreaming IWEM at the National Level 1.1 Joint decision making conference	TA	1.1 IW Process indicator No. 4: National Inter-Ministry Committees (IMCs) – a joint decision making	1.1 established joint decision making system and mechanisms for ET/EC based IWEM	GEFTF	2,550,000	1,600,000

<sup>1</sup> This Data Sheet replaces the GEF PIF.

<sup>2</sup> Project ID number will be assigned by GEFSEC.

<sup>3</sup> Refer to the reference attached on the [Focal Area Results Framework](#) when completing Table A.

<sup>4</sup> TA includes capacity building, and research and development.

<p>system at the central level;  1.2 Applied research on national government policies for IWEM;  1.3 Applied research on the innovative technologies and methodologies for IWEM; and  1.4 National monitoring system with data and information sharing for IWEM.</p>		<p>conference system maintained and functioned with MWR and MEP at the central government level;  1.2 The updated policies, regulations and rules have been applied effectively in the pilot areas  1.3 The innovative technologies and methodologies have been adopted in the pilot areas;  1.4 The national monitoring system have been effectively used effectively and jointly by MEP and MWR with data and information sharing in the pilot sub-river basins for IWEM</p>	<p>and at the national level  1.2 Government policies, regulations and rules updated and implemented for all sub-river basins and their counties selected;  1.3 Research reports on the innovative technologies and methodologies completed;  1.4 The national monitoring system with data and information sharing for IWEM established.</p>			
<p>2. Mainstreaming IWEM at the River Basin Level  2.1 Joint decision making conference system;  2.2 Strategic Action Plans (SAPs);  2.3 Knowledge Management (KM) systems;  2.4 Upgrading and operations of the Hai River Basin ET Center;  2.5 Piloting of policy and technology innovations developed at the national level; and  2.6 Infrastructure construction.</p>	<p>TA</p>	<p>2.1 IW Process indicator No. 2: Regional management institutions - a joint decision making conference system maintained or established and functioned for all sub-river basins;  2.1 IW Process Indicator No. 6: Trans boundary Diagnostic Analysis – agreement reached on trans boundary priorities and root causes;  2.2 IW Process Indicator No. 9: Strategic Action Plan (SAP) developed; and ET and EC targets worked out at the sub-river basin level and used by counties within the sub-river basin to control water consumption and pollution discharges;  2.3 KM system and ET management tools used</p>	<p>2.1 Established joint decision making conference system established at the sub-river basin level;  2.2 SAPs prepared and implemented for all sub-river basins;  2.3 KM system and ET management tools developed and maintained for all sub-river basins;  2.4 Technologies used by the center updated and a Report on analysis of ET targets for all provinces within the Hai Basin versus the actual ETs for the provinces completed with recommendations to the provinces.  2.5 Policy and technology interventions have been applied at the sub-river basin level with a case study report completed;</p>	<p>GEFTF</p>	<p>2,550,000</p>	<p>40,725,000</p>

		effectively to facilitate implementation of SAP at the sub-river basins; 2.4 The feedback from each of the provinces in the Hai Basin on the ET report from Hai Basin Commission obtained; 2.5 Positive impact of the policy and technologies interventions at pilot sub-river basins achieved; 2.6 As a result of project implementation, IW Stress Reduction Indicator No. 15 achieved: (a) Municipal wastewater pollution reduction – N, P & BOD (kg/yr.) (b) Industrial wastewater pollution reduction – pollutant, estimated (kg/yr.) (c) Agriculture Pollution reduction practices – ha of practices; estimate of N, P&BOD (kg/yr.) (d) Improved irrigation practice – m <sup>3</sup> /yr. water saved (e) Pollution reduction to aquifers – kg/ha/yr. reduction	2.6 Civil Works constructed or facilities or equipment installed to save water or increase water productivity or reduce pollution discharges.			
3. Mainstreaming IWEM at the County Level 3.1 Joint decision making conference system; 3.2 Integrated Water and Environment Plans (IWEMPs); 3.3 KM systems and management tools; 3.4 Piloting of policy and technology innovations developed at the national level; and 3.5 Infrastructure	INV	3.1 IW Process indicator No. 2: Regional management institutions - a joint decision making conference system maintained or established and functioned for all pilot counties; 3.2 IW Process Indicator No. 10: Proportion of counties that have adopted SAP; 3.2 IWEMP prepared and implemented in line with ET and EC targets	3.1 A joint decision making conference system established at the county level; 3.2 IWEMP prepared and implemented for all pilot counties; 3.3 KM system and ET management tools developed and maintained for all pilot counties; 3.4 Policy and technology interventions have been applied in all pilot counties with a	GEFTF	6,800,000	82,450,000

construction.		<p>allocated from the sub-river basin to save water and reduce pollution discharges;  3.3 KM system and ET management tools used effectively to facilitate implementation of IWEM at all pilot counties;  3.4 Positive impact of the policy and technologies interventions at pilot counties achieved;  3.5 As a result of project implementation, IW Stress Reduction Indicator No. 15 achieved:  (a) Municipal wastewater pollution reduction – N, P &amp; BOD (kg/yr.)  (b) Industrial wastewater pollution reduction – pollutant, estimated (kg/yr.)  (c) Agriculture Pollution reduction practices – ha of practices; estimate of N, P&amp;BOD (kg/yr.)  (d) Improved irrigation practice – m3/yr. water saved  (e) Pollution reduction to aquifers – kg/ha/yr. reduction.</p>	<p>case study report completed;  3.5 Civil Works constructed or facilities or equipment installed at pilot counties to save water or increase water productivity or reduce pollution discharges.</p>			
<p>4. Mainstreaming IWEM at the Stakeholder Level  4.1 Water User Associations (WUAs) for both water consumption and water quality control;  4.2 Cooperation with industry to improve water use efficiency and pollution control;  and  4.3 Strengthening urban water and environmental</p>	INV	<p>4.1 Farmer income increased while water productivity increased and pollution discharges reduced;  4.2 Water consumption per 10,000 yuan of GDP reduced and pollution discharges reduced;  4.3 Treated water discharges from wastewater treatment plants reaches the national standards and meet the EC targets</p>	<p>4.1 Water user associations established at all pilot counties to control water consumption and non-point pollution discharges;  4.2 Resources-intensive development pattern changed to resources-efficient patterns in the related key industries;  4.3 Output-based Wastewater management in small</p>	GEFTF	3,400,000	41,725,000

integrated management.		allocated from the sub-river basin level;	wastewater treatment plants in pilot counties improved;			
5. Institutional Capacity Building and Exchanges 5.1 Management Information System (MIS); 5.2 Establishment project management organizations at all levels; 5.3 Domestic training and study tours; 5.4 International training and study tours; 5.5 Domestic and international conferences, communications and promotion; and 5.6 Project monitoring and evaluation.	TA	5.1 Errors on completed investment and other mistakes avoided with MIS application for project management and implementation; 5.2 No delays in project implementation and in Bankfunds disbursement, and project impacts produced as expected; 5.3 Staff capacity in project management improved; 5.4 Staff capacity on IWEM improved; 5.5 Project outputs and outcomes disseminated not only in China but also in other countries; 5.6 Project outputs and outcomes or impacts have been well recorded and evaluated to guide project implementation to go in a right track to accomplishment of project objectives.	5.1 MIS developed and used for project management and implementation; 5.2 Project management organizations established for project management and implementation; 5.3 Domestic training and study tours implemented as planned; 5.4 International training and study tours implemented as planned; 5.5 International workshops and conference on this project held as planned; 5.6 Project monitoring and evaluation carried out and report prepared as planned	GEFTF	1,700,000	2,000,000
	(select)			(select)		
	(select)			(select)		
	(select)			(select)		
	(select)			(select)		
	(select)			(select)		
		Subtotal			17,000,000	168,500,000
		Project Management Cost (PMC) <sup>5</sup>		(select)	0	1,500,000
		Total Project Cost			17,000,000	170,000,000

**C. INDICATIVE CO-FINANCING FOR THE PROJECT BY SOURCE AND BY NAME IF AVAILABLE, (\$)**

Sources of Cofinancing	Name of Cofinancier	Type of Cofinancing	Amount (\$)
Others	World Bank Qinghai Xining Integrated Environment Management Project	Hard Loan	38,000,000
Others	World Bank Water Conservation project	Hard Loan	20,000,000
National Government	MWR and MEP	Investment	5,000,000

<sup>5</sup> To be calculated as percent of subtotal.

Local Government	Qinghai, Ningxia, Liaoning and Hebei provinces	Investment	107,000,000
(select)		(select)	
(select)		(select)	
(select)		(select)	
(select)		(select)	
<b>Total Cofinancing</b>			170,000,000

**D. INDICATIVE TRUST FUND RESOURCES (\$) REQUESTED BY AGENCY, FOCAL AREA AND COUNTRY<sup>6</sup>**

Trust Fund	Focal Area	Country Name/Global	Grant Amount (\$) (a)	Agency Fee (\$) (b) <sup>2</sup>	Total (\$) c=a+b
GEFTF	International Waters	China	17,000,000	1,700,000	18,700,000
(select)	(select)				0
(select)	(select)				0
(select)	(select)				0
(select)	(select)				0
(select)	(select)				0
<b>Total Grant Resources</b>			17,000,000	1,700,000	18,700,000

**E. PPG AMOUNT REQUESTED BY AGENCY(IES), FOCAL AREA(S) AND COUNTRY(IES) FOR MFA AND MTF PROJECTS<sup>7</sup>**

Project Preparation Grant amount requested: \$300,000				PPG Agency Fee: 0		
Trust Fund	GEF Agency	Focal Area	Country Name/Global	(in \$)		
				PPG (a)	Agency Fee (b)	Total c = a + b
GEF TF	WB	International Waters	China	300,000	0	300,000
(select)	(select)	(select)				0
(select)	(select)	(select)				0
<b>Total PPG Amount</b>				<b>300,000</b>	<b>0</b>	<b>300,000</b>

MFA: Multi-focal area projects; MTF: Multi-trust fund projects

<sup>6</sup> PMC amount from Table B should be included proportionately to the focal area amount in this table.

<sup>7</sup> Fill in this table only if PPG is requested. PPG amount is fixed based on the Project grant (pg) amount as follows: \$50k for pg up to & including \$1 mil.; \$100k for pg up to & including \$3 mil.; \$150k for pg up to & including \$6 mil.; \$200k for pg up to & including \$10 mil.; \$300k for pg above \$10 mil. On an exceptional basis, PPG amount may differ upon detailed discussion and justification with the GEFSEC.