

Methane-Reducing and Water-Saving Paddy Rice Program for Results (Hunan) (P178796)

EAST ASIA AND PACIFIC | China | Water Global Practice | Requesting Unit: EACCF | Responsible Unit: SEAW1 IBRD/IDA | Program-for-Results Financing | FY 2023 | Team Leader(s): Xiaokai Li, Guo Li, Si Gou

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Program Development Objectives

Program Development Objective (from Program Appraisal Document)

To reduce methane emissions and support climate resilient rice production in China's Hunan Province.

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO		Satisfactory
Overall Implementation Progress (IP)		Satisfactory

Implementation Status and Key Decisions

The Methane-Reducing and Water-Saving Paddy Rice Program was approved by the Executive Directors of the Board of the International Bank for Reconstruction and Development (the World Bank) on May 31, 2023. The World Bank Team and the Government team are working closely towards loan signing which is expected to be at end of October, 2023.

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P178796	IBRD-95230	Not Effective	USD	255.00	255.00	0.00	0.00	255.00	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P178796	IBRD-95230	Not Effective	31-May-2023			31-Dec-2028	31-Dec-2028

Program Action Plan

Action Description	Develop a detailed trainer's manual for training farmers on low-methane rice production						
Source	DLI# Responsibility Timing Timing Value Status						
Technical	DLI 3	DARA and PPMO	Other	By loan effectiveness	Not Yet Due		



Completion Measurement	A copy of the training manual submitted to the World Bank as part of the PIP
Comments	

Action Description	Develop and issue a provincial MRV standard for carbon sequestration and GHG emission reduction from rice production							
Source	DLI#	Responsibility	Timing	Timing Value	Status			
Technical		PPMO and PDEE	Other	By June 30, 2026	Not Yet Due			
Completion Measurement		An MRV standard issued by the responsible provincial authority. It will be developed in coordination with the related activities under the GARR (Hubei and Hunan) Program						
Comments								

Action Description	Prepare detailed implementation plans for carbon trading pilots							
Source	DLI#	Responsibility	Timing	Timing Value	Status			
Technical		CPMOs concerned and PPMO	Due Date	30-Jun-2024	Not Yet Due			
Completion Measurement	A copy of the detaile	A copy of the detailed implementation plans for carbon trading pilots submitted to the World Bank						
Comments								

Action Description	Prepare detailed implementation plans for water right trading/buy-back pilots							
Source	DLI#	Responsibility	Timing	Timing Value	Status			
Technical		CPMOs concerned and PPMO	Due Date	30-Jun-2024	Not Yet Due			
Completion Measurement	A copy of the detaile	A copy of the detailed implementation plans for water right trading/buy-back pilots submitted to the World Bank						
Comments								

Action Description	Issue an official letter/instruction to implementation agencies to ensure no contract will be awarded to debarred or temporarily suspended firms or individuals						
Source	DLI# Responsibility Timing Timing Value Status						
Fiduciary Systems		PDRC and PPMO	Other	By loan effectiveness	Not Yet Due		
Completion Measurement	A copy of the high-level official letter or instruction submitted to the World Bank						
Comments							



Action Description	Include in the TOR for annual external audit the task of randomly selecting awarded contracts to check whether they have been awarded to firms or individuals debarred or temporarily suspended by the World Bank, and ensure Program funds shall be audit						
Source	DLI#	Responsibility	Timing	Timing Value	Status		
Fiduciary Systems		РРМО	Other	By loan effectiveness	Not Yet Due		
Completion Measurement	A copy of the TOR for the annual external audit submitted to the World Bank as part of the PIP.						
Comments							

Action Description	Use the comprehensive evaluation method for consulting services, subject to the weighting of financial proposal equal to or greater than 70% of the total weighting, while "the lowest evaluated responsive bid" is encouraged as an alternative option							
Source	DLI#	DLI# Responsibility Timing Timing Value Status						
Fiduciary Systems		PPMO and CPMOs	Other	Throughout Program implementation stage	Not Yet Due			
Completion Measurement	Semiannual progress reports submitted to the World Bank, including records on the evaluation methods.							
Comments								

Action Description	Integrate the information on HSFCP funds into the MIS so that all budgetary funds administered by DARA could be managed efficiently						
Source	DLI#	Responsibility	Timing	Timing Value	Status		
Fiduciary Systems		DARA and PPMO	Other	Throughout Program implementation stage	Not Yet Due		
Completion Measurement	Semi-annual progress reports submitted to the World Bank, including evidence showing that information on the HSFCP funds is integrated in the MIS						
Comments							

Action Description	Regularly inform the World Bank of any credible and material allegations of fraud and corruption in the Program progress reports.				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Fiduciary Systems		PPMO and CPMOs	Other	Throughout Program implementation stage	Not Yet Due
Completion Measurement	Semi-annual progress reports containing information on credible and material allegations of fraud and corruption, if any, submitted to the World Bank.				
Comments					



Action Description	0 0	· ·		chistosomiasis into the Prog elated to water in the enden	
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PPMO, Hanshou County, Dingcheng District	Recurrent	Continuous	Not Yet Due
Completion Measurement	, ,,,			on risk prepared; Assessme tion of the above actions ar	
Comments					

Action Description	Include a specific subsection on environmental and social management in the preliminary design documents for the Program activities				
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PPMO and CPMOs	Other	Throughout Program implementation stage	Not Yet Due
Completion Measurement	The design documents for the Program activities available for World Bank inspections, include: screening and assessment of E&S risks and mitigation measures in bidding documents; and public consultation documented by township and village committees.				
Comments					

Action Description			-	downstream adverse impacts (e on screening and assessment o	
Source	DLI#	Responsibility	Timing	Timing Value	Status
Environmental and Social Systems		PPMO and CPMOs	Other	Prior to carrying out relevant non-physical activity throughout Program implementation stage	Not Yet Due
Completion Measurement		ks; records of farmers a	-	requirements on screening and angagement; and appropriate miti	
Comments					

Action Description	For water rights trading, conduct survey on farmers' affordability and willingness to pay for water use before and during the plan implementation, extensive publicity and public engagement by means of public hearings, mobilizing farmers, and WUAs				
Source	DLI#	Responsibility	Timing	Timing Value	Status



Environmental and Social Systems		PPMO and CPMOs of pilot counties	Other	Throughout the water right trading pilot period	Not Yet Due	
Completion Measurement	Documentation available for World Bank inspection: Records on farmers' affordability and willingness to pay; t Evidence material of public engagement on water right trading; Record of WUA public hearings; Above actions reflected in semiannual progress					
Comments						

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	Low		Low
Macroeconomic	Low		Low
Sector Strategies and Policies	Moderate		Moderate
Technical Design of Project or Program	Substantial		Moderate
Institutional Capacity for Implementation and Sustainability	Substantial		Moderate
Fiduciary	Substantial		Moderate
Environment and Social	Moderate		Moderate
Stakeholders	Moderate		Moderate
Other			
Overall	Substantial		Substantial

Comments

The loan for the Program is yet to be effective and implementation has not started.

Results

PDO Indicators by Objectives / Outcomes

Strengthened government ma	nagement system for sustainab	le development impacts			
Strengthening government management system for water-saving and low-methane rice production (Text, Custom)					
	Baseline	Actual (Previous)	Actual (Current)	End Target	
Value	The related strategy, standards and guiding documents need to be developed or revised		The related strategy, standards and guiding documents need to be developed or revised.	Four key standards and guiding documents developed and issued for water-	



				saving and low- methane rice production
Date	01-May-2023		17-Aug-2023	31-Dec-2028
Comments	promote and mainstr	nance of the documents at the p ream water-saving and low met production technologies and pra	thane rice production and in	f four key documents to acentivize adoption by the ri
educed GHG emission	ns in demonstration counties			
►Net GHG emission	reduction in demonstration counti	es (Ton CO2 equivalent) (Metr	ic ton, Custom)	
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00		0.00	2,396,957.00
Date	01-May-2023		17-Aug-2023	31-Dec-2028
Comments	equivalent. The net C management, nitrous	GHG emission reductions in siz GHG emission reductions are n s oxide emission reduction thro gement and soil fertility improve	mainly the methane emissio ough fertilizer management,	n reduction through water
proved irrigation and	drainage services for resilient rice	production		
Beneficiaries reach	ed with improved irrigation and dra	ainage services in demonstrati	on counties (of whom wome	en) (Number, Custom)
Beneficiaries reach	ed with improved irrigation and dra Baseline	ainage services in demonstration	on counties (of whom wome Actual (Current)	en) (Number, Custom) End Target
Value	Baseline		Actual (Current)	End Target
Value Date	Baseline 0.00 01-May-2023 Measured by the tota	Actual (Previous) al number of beneficiaries with in the HSFCP designs in six de	Actual (Current) 0.00 17-Aug-2023 access to improved and rel	End Target 647,500.00 31-Dec-2028 iable irrigation and drainag
Value Date Comments	Baseline 0.00 01-May-2023 Measured by the tota services as defined i	Actual (Previous) al number of beneficiaries with in the HSFCP designs in six de red services.	Actual (Current) 0.00 17-Aug-2023 access to improved and relemonstration counties. Bene	End Target 647,500.00 31-Dec-2028 iable irrigation and drainag ficiaries are the farmers wi
Value Date Comments	Baseline 0.00 01-May-2023 Measured by the tota services as defined i access to the improv	Actual (Previous) al number of beneficiaries with in the HSFCP designs in six de red services.	Actual (Current) 0.00 17-Aug-2023 access to improved and relemonstration counties. Bene	End Target 647,500.00 31-Dec-2028 iable irrigation and drainag ficiaries are the farmers wi

Intermediate Results Indicators by Results Areas

Results Area 1: Strengthening	g management system for sustaina	able development impacts		
► Development/issuance of	f a provincial water-saving and low-	-methane rice production	strategy and implementation	plan (Text, Custom)
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No provincial strategy and implementation plan		No provincial strategy and implementation plan.	The strategy and implementation plan issued
Date	01-May-2023		17-Aug-2023	31-Dec-2028



Comments	A provincial water-saving issued	and low-methane rice pro	duction strategy and implemen	itation plan developed ar
Development/issuan	ce of (provincial) technical standards	for water-saving and low-r	methane rice production (Text,	Custom)
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No integrated technical standard		No integrated technical standard	The integrated standards approved and issued
Date	01-May-2023		17-Aug-2023	31-Dec-2028
Comments	Technical standards for w standards on low-methan management.	ater-saving and low-methe e rice varietal selection, w	ane rice production developed ater-saving cultivation, fertilized	and issued, including th r management, and stra
Development/issuan	ce of provincial water-saving irrigation	quota for rice production	(Text, Custom)	
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No irrigation quota for water-saving rice production		No irrigation quota for water-saving rice production	The water-saving irrigation quota for rice production approved and issued
Date	01-May-2023		17-Aug-2023	31-Dec-2028
Comments	The irrigation water quota requirements of the most		l on the application of water-sa nagement	ving techniques and the
Issuance of a province	cial guiding document on water use rig	ght trading (Text, Custom)	•	
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Draft guiding document under preparation		Draft guiding document under preparation	Guiding document approved and issued
Date	01-May-2023		17-Aug-2023	31-Dec-2028
Comments	Provincial guiding docume	ent on water use right trad	ing and government buy-back	developed and issued
Demonstration count construction and O&M	ies establishing and maintaining an a (Text, Custom)	griculture and water secto	r coordination mechanism for h	nigh-standard farmland
	Baseline	Actual (Previous)	Actual (Current)	End Target
			No formal coordination	Annual implementation
Value	No formal coordination mechanism		mechanism	mechanisms in six demonstration counties
Value Date				demonstration

Results Area 2: Reducing GHG emissions for low-methane development

► Increase in new/upgraded high-standards farmland area in demonstration counties (Hectare(Ha), Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target			
Value	0.00		0.00	51,183.00			
Date	01-May-2023		17-Aug-2023	31-Dec-2028			
Comments	Newly constructed or	updated high-standard farmla	nd area; Annual target is th	e cumulative value.			
► Farmers trained on t	the low-methane rice cropping pa	ckage solution/technologies (o	f whom women) (Number,	Custom)			
	Baseline	Actual (Previous)	Actual (Current)	End Target			
Value	0.00		0.00	13,238.00			
Date	01-May-2023		17-Aug-2023	30-Jun-2028			
Comments	year. The low methan including water-savin complementary mitig fertilizer application, of and training plan are	who are trained on the low-methine package solutions include the practices, dep straw returnin ation measures, such as deep climate-smart rice varieties, an subject to review by the World are: 4.407; 8,816; 12,821; 16,8	he water-straw-fertilizer co- ig, and organic fertilizer app application of nitrogen ferti d aerobic cultivation technic Bank. The cumulative nun	management measures, blication, as well as other lizer, test-based formula ques. The training curriculur bbers of women farmers to b			
► Rice areas where bo	oth AWD technology and deep ret	turning of rice straw are used (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target			
Value	0.00		0.00	117,198.00			
Date	01-May-2023		17-Aug-2023	30-Jun-2028			
Comments	straw, as guided in th including AWD at thru drying before and aft (iii) The yellow ripenii	s of high-standard rice farmlan ne government technical standa ee rice growing stages: (i) The er transplanting; (ii) The late st ng to harvesting stage: around return straw residues into the so	ards. Optimized AWD is pro early stage of rice growing age of tillering: around 10 of 15 days of drying before h	omoted under this Program, around 7 days of cumulative days of cumulative drying; a			
► Increase in rice field	area applying organic fertilizer (T	ſons/year, Custom)					
	Baseline	Actual (Previous)	Actual (Current)	End Target			
Value	12,030.00		12,030.00	59,030.00			
Date	01-May-2023		17-Aug-2023	30-Jun-2028			
Comments	It measures the appli	ication of organic fertilizer in ric	e production; Annual targe	t is the cumulative value.			
► Counties which pilot	carbon trading (Number, Custom	ı)					
	Baseline	Actual (Previous)	Actual (Current)	End Target			
Value	0.00		0.00	3.00			
	01-May-2023		17-Aug-2023	31-Dec-2028			
Date	5		Number of the demonstration counties pilot carbon trading (cumulative)				



Demonstration cou	nties completing a comprehensive agric	ultural water pricing refor	rm (Number, Custom)	
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00		0.00	6.00
Date	30-Jun-2023		17-Aug-2023	31-Dec-2028
Comments	including (a) completing th auditing and irrigation wate (including progressive tarif the cap on total agricultura	e O&M cost estimation o er pricing auditing, and es f scheme); (b) establishin I water withdrawal, deve sidy mechanism; (c) inst	ral water tariff reform in all demo of irrigation and drainage system stablishing rational agricultural v ng irrigation water quota manag loping water-saving reward med talling water flow measurement targets are cumulative.	ns, carrying out O&M co water tariff regime ement mechanism and chanism, and establishir
► Rice production are	ea with sustainable irrigation and drainag	ge services (Hectare(Ha)), Custom)	
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	42,891.00		42,891.00	125,899.00
Date	01-May-2023		17-Aug-2023	31-Dec-2028
		Sillent and low-methane	rice production. The sustainable	e iniqation and dramage
Comments ►Percentage of irriga	services consist of (a) mod	lernized irrigation and dr I plan and clear O&M res ensure O&M cost recove	ainage infrastructure; (b) appro sponsibility; and (c) a sustainab ery.	priate O&M arrangemen
	services consist of (a) moc with a well-conceived O&M mechanism established to	lernized irrigation and dr. 1 plan and clear O&M res ensure O&M cost recove ive organizations (%) (Te	ainage infrastructure; (b) appro sponsibility; and (c) a sustainab ery. ext, Custom)	priate O&M arrangemen le O&M funding
	services consist of (a) moc with a well-conceived O&M mechanism established to ated areas managed by farmer cooperat	lernized irrigation and dr. 1 plan and clear O&M res ensure O&M cost recove ive organizations (%) (Te Actual (Previous)	ainage infrastructure; (b) appro sponsibility; and (c) a sustainab ery.	priate O&M arrangemen
Percentage of irrigative value	services consist of (a) moc with a well-conceived O&M mechanism established to ated areas managed by farmer cooperat Baseline Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng	lernized irrigation and dr. 1 plan and clear O&M res ensure O&M cost recove ive organizations (%) (Te Actual (Previous)	ainage infrastructure; (b) approp sponsibility; and (c) a sustainab ery. ext, Custom) Actual (Current) Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou	priate O&M arrangemen le O&M funding End Target Qiyang 51%, Jiahe 60%, Lukou 55%, Louxing 55%, Hanshou 90%,
Percentage of irrigation	services consist of (a) moc with a well-conceived O&M mechanism established to ated areas managed by farmer cooperat Baseline Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%; 01-May-2023	lernized irrigation and dr. 1 plan and clear O&M res ensure O&M cost recove ive organizations (%) (Te Actual (Previous) 	ainage infrastructure; (b) approp sponsibility; and (c) a sustainab ery. ext, Custom) Actual (Current) Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%;	priate O&M arrangemen le O&M funding End Target Qiyang 51%, Jiahe 60%, Lukou 55%, Louxing 55%, Hanshou 90%, Dingcheng 50%;
 Percentage of irrigative Value Date Comments 	services consist of (a) moc with a well-conceived O&M mechanism established to ated areas managed by farmer cooperat Baseline Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%; 01-May-2023	lernized irrigation and dr. 1 plan and clear O&M resensure O&M cost recover ive organizations (%) (Te Actual (Previous) eas managed by farmer of	ainage infrastructure; (b) approp sponsibility; and (c) a sustainab ery. ext, Custom) Actual (Current) Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%; 17-Aug-2023	priate O&M arrangemen le O&M funding End Target Qiyang 51%, Jiahe 60%, Lukou 55%, Louxing 55%, Hanshou 90%, Dingcheng 50%;
 Percentage of irrigative Value Date Comments 	services consist of (a) moc with a well-conceived O&M mechanism established to ated areas managed by farmer cooperat Baseline Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%; 01-May-2023 Percentage of irrigated are nen on management team, % (Text, Cus Baseline	lernized irrigation and dr. 1 plan and clear O&M resensure O&M cost recover ive organizations (%) (Te Actual (Previous) eas managed by farmer of	ainage infrastructure; (b) approp sponsibility; and (c) a sustainab ery. ext, Custom) Actual (Current) Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%; 17-Aug-2023 cooperative organizations (%)	Priate O&M arrangemen le O&M funding End Target Qiyang 51%, Jiahe 60%, Lukou 55%, Louxing 55%, Hanshou 90%, Dingcheng 50%; 31-Dec-2028 End Target
 Percentage of irrigative Value Date Comments 	services consist of (a) moc with a well-conceived O&M mechanism established to ated areas managed by farmer cooperat Baseline Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%; 01-May-2023 Percentage of irrigated are nen on management team, % (Text, Cus	lernized irrigation and dr. 1 plan and clear O&M resensure O&M cost recover ive organizations (%) (Televious) eas managed by farmer of stom Supplement)	ainage infrastructure; (b) approj sponsibility; and (c) a sustainab ery. ext, Custom) Actual (Current) Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%; 17-Aug-2023 cooperative organizations (%)	Priate O&M arrangemen le O&M funding End Target Qiyang 51%, Jiahe 60%, Lukou 55%, Louxing 55%, Hanshou 90%, Dingcheng 50%; 31-Dec-2028 End Target Qiyang 50%, Jiahe 20%, Lukou 40%,
 Percentage of irrigative Value Date Comments of which with work Value 	services consist of (a) moc with a well-conceived O&M mechanism established to ated areas managed by farmer cooperat Baseline Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%; 01-May-2023 Percentage of irrigated are nen on management team, % (Text, Cus Baseline Qiyang 20%, Jiahe 5%, Lukou 30%, Louxing 30%, Hanshou 5%, Dingcheng	lernized irrigation and dr. 1 plan and clear O&M resensure O&M cost recover ive organizations (%) (Televious) eas managed by farmer of tom Supplement) Actual (Previous) 	ainage infrastructure; (b) approp sponsibility; and (c) a sustainab ery. ext, Custom) Actual (Current) Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%; 17-Aug-2023 cooperative organizations (%) Actual (Current) Qiyang 20%, Jiahe 5%, Lukou 30%, Louxing 30%, Hanshou 5%,	priate O&M arrangemen le O&M funding End Target Qiyang 51%, Jiahe 60%, Lukou 55%, Louxing 55%, Hanshou 90%, Dingcheng 50%; 31-Dec-2028 End Target Qiyang 50%, Jiahe 20%, Lukou 40%, Louxing 50%, Hanshot
 Percentage of irrigative Value Date Comments of which with work Value 	services consist of (a) moc with a well-conceived O&M mechanism established to ated areas managed by farmer cooperat Baseline Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%; 01-May-2023 Percentage of irrigated are nen on management team, % (Text, Cus Baseline Qiyang 20%, Jiahe 5%, Lukou 30%, Louxing 30%, Hanshou 5%, Dingcheng 0%	lernized irrigation and dr. 1 plan and clear O&M resensure O&M cost recover ive organizations (%) (Televious) eas managed by farmer of tom Supplement) Actual (Previous) 	ainage infrastructure; (b) approp sponsibility; and (c) a sustainab ery. ext, Custom) Actual (Current) Qiyang 20%, Jiahe 20%, Lukou 20%, Louxing 20%, Hanshou 65%, Dingcheng 0%; 17-Aug-2023 cooperative organizations (%) Actual (Current) Qiyang 20%, Jiahe 5%, Lukou 30%, Louxing 30%, Hanshou 5%,	priate O&M arrangemen le O&M funding End Target Qiyang 51%, Jiahe 60%, Lukou 55%, Louxing 55%, Hanshou 90%, Dingcheng 50%; 31-Dec-2028 End Target Qiyang 50%, Jiahe 20%, Lukou 40%, Louxing 50%, Hanshot



Date	01-May-2023		17-Aug-2023	31-Dec-2028
Comments	Number of the Program of	lemonstration counties that pil	ot water rights trading or b	ouy-back (cumulative)

Disbursement Linked Indicators

► DLI 1 Strengthening government management system for water-saving and low-methane rice production (Outcome, 30,000,000.00, 0%)					
	Baseline	Actual (Previous)	Actual (Current)	2028	
Value	The related guiding documents, strategy and technical standards need to be developed or revised, and issued.		The related guiding documents, strategy and technical standards need to be developed or revised, and issued.	All documents developed and issued.	
Date			17-Aug-2023		
Comments					

► DLI 2 Demonstration counties establishing and maintaining an agriculture and water sector coordination mechanism for high-standard farmland construction and O&M (Intermediate Outcome, 25,000,000.00, 0%)

	Baseline	Actual (Previous)	Actual (Current)	2028
Value	No county has official coordination mechanisms		No county has official coordination mechanisms	Six demonstration counties have maintained the coordination mechanism
Date			17-Aug-2023	
Comments				

► DLI 3 Farmers trained on the low-methane rice cropping package solution/technologies (of whom women) (Number) (Intermediate Outcome, 50,000,000.00, 0%)

	Baseline	Actual (Previous)	Actual (Current)	2028
Value	0.00		0.00	13,238.00
Date			17-Aug-2023	
Comments				

► DLI 4 Rice areas where both AWD technology and deep returning of rice straw to soil are used (Intermediate Outcome, 62,500,000.00, 0%)					
	Baseline	Actual (Previous)	Actual (Current)	2028	
Value	0.00		0.00	117,198.00	
Date			17-Aug-2023		



Comments

► DLI 5 Demonstration counties completing a comprehensive agricultural water pricing reform (Intermediate Outcome, 37,500,000.00, 0%)					
	Baseline	Actual (Previous)	Actual (Current)	2028	
Value	0.00		0.00	6.00	
Date			17-Aug-2023		
Comments					

►DLI 6 Rice production area with sustainable irrigation and drainage services (Intermediate Outcome, 50,000,000.00, 0%)					
	Baseline	Actual (Previous)	Actual (Current)	2028	
Value	42,891.00		42,891.00	125,899.00	
Date			17-Aug-2023		
Comments					