



Reduction and Phaseout of PFOS in Priority Sectors (P152959)

EAST ASIA AND PACIFIC | China | Environment & Natural Resources Global Practice |
Global Environment Project | Investment Project Financing | FY 2017 | Seq No: 3 | ARCHIVED on 24-May-2018 | ISR32500 |

Implementing Agencies: Foreign Economic Cooperation Office of Ministry of Environment Protection, PEOPLE'S REPUBLIC OF CHINA

Key Dates

Key Project Dates

Bank Approval Date:07-Apr-2017

Effectiveness Date:04-Sep-2017

Planned Mid Term Review Date:01-Oct-2019

Actual Mid-Term Review Date:--

Original Closing Date:31-Mar-2023

Revised Closing Date:31-Mar-2023

Global Development Objectives

Global Environmental Objective (from Project Appraisal Document)

The project development objective is to reduce PFOS in selected sectors and enterprises in China in a sustainable manner.

Has the Global Environmental Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Component 1: PFOS Production Reduction:(Cost \$25.10 M)

Component 2: Reduction of PFOS Use:(Cost \$12.59 M)

Component 3: Policy and Technical Assistance:(Cost \$26.88 M)

Component 4: Project Management:(Cost \$2.65 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Satisfactory	● Satisfactory
Overall Implementation Progress (IP)	● Satisfactory	● Satisfactory
Overall Risk Rating	● Moderate	● Substantial

Implementation Status and Key Decisions



The project was officially launched in October 2017. Since then, the three units established to manage the project, at the Foreign Economic Cooperation Office of the Ministry of Ecology and Environment and with the Environmental Protection Bureaus of the Hubei and Guangdong Province, have been putting in place the various building blocks for its implementation. In particular, the contract with the National Agro-Technical Extension Service Centre to demonstrate PFOS alternatives for the control of the Red Imported Fire Ant pest was successfully negotiated.

Risks

Systematic Operations Risk-rating Tool

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

Results

Global Environmental Objective Indicators

► Amount of PFOS produced and used yearly reduced(Tones/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	44.00
Date	16-Jan-2017	20-Oct-2017	11-May-2018	31-Mar-2023

Comments

This indicator measures progress towards reduction of PFOS production and use in various sectors. Target corresponds to 2015 production for exempted usage (metal plating, oil production and RIFA) as reported in the CS-1 consultant project preparation report, that will no longer be allowed after 2019. As there is no export or import of PFOSF the amount produced and amount used are equivalent. The baseline is zero. Target values for years 1 and 2 remain zero due to inability to verify data before 2019, though in reality production/use is expected to decrease already.



► Control and monitoring system for tracking PFOSF production and sale established and operational(Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	16-Jan-2017	20-Oct-2017	11-May-2018	31-Mar-2023

Comments

This indicator will show that a system is in place to measure and report on sustainability of project outcomes. Based on annual reporting requirement for PFOSF production and sales as part of implementation agreement with Hubei and arrangements with MPS will track allowed production and sale to registered users only.

► Direct project beneficiaries(Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	7,200,000.00
Date	16-Jan-2017	20-Oct-2017	11-May-2018	31-Mar-2023

Comments

Direct beneficiaries are people or groups who directly derive benefits from an intervention (i.e., children who benefit from an immunization program; families that have a new piped water connection). Please note that this indicator requires supplemental information. Supplemental Value: Female beneficiaries (percentage). Based on the assessment and definition of direct project beneficiaries, specify what proportion of the direct project beneficiaries are female. This indicator is calculated as a percentage.



Female beneficiaries(Percentage, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	50.00

Overall Comments

No substantial progress yet.

Intermediate Results Indicators

Amount of PFOSF production capacity dismantled or converted (Tones/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	16-Jan-2017	20-Oct-2017	11-May-2018	31-Mar-2023

Comments

Based on total EIA capacity of 5 PFOSF production enterprises to be dismantled plus 3 enterprises to convert capacity. The target is related to, but different than the PDO indicator, given that the EIA capacity for PFOSF production is greater than the 2015 baseline of use for exempted applications which is the basis for the PDO indicator above.

Number of PFOS secondary production enterprises that join stewardship program (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10.00
Date	16-Jan-2017	20-Oct-2017	11-May-2018	31-Mar-2023

Comments

This indicator will measure the number of secondary PFOS production enterprises which join the stewardship scheme that aims to promote phase-out of PFOS production, to be established by the project.



► Number of contracts signed with enterprises for demonstration of PFOS phase-out in the metal plating sector (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20.00
Date	16-Jan-2017	20-Oct-2017	11-May-2018	31-Mar-2023

Comments

Representing at least 17 hard-plating, 2 closed-loop, and 1 decorative plating enterprises. Baseline is zero.

► Yearly reduction in water effluents containing PFOS from demonstration industrial parks (Tones/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	720,000.00
Date	16-Jan-2017	20-Oct-2017	11-May-2018	31-Mar-2023

Comments

This indicator will measure success of improvement of wastewater treatment operations in at least three selected industrial parks. Based on estimated 800 m3 discharge per day per park for 300 days a year.

► Number of firefighting foam manufacturers developing non PFOS-based fire-fighting foam. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	16-Jan-2017	20-Oct-2017	11-May-2018	31-Mar-2023

Comments

This indicator measures the progress towards uptake of non PFOS fire-fighting foam production.



► Land area under demonstration for RIFA non-PFOS alternative treatment (Hectare(Ha), Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,000.00
Date	16-Jan-2017	20-Oct-2017	11-May-2018	31-Mar-2023

Comments

This indicator measures the area of land (in ha) in which red imported fire ant non-PFOS alternative treatment has been piloted. Based on 8 total demonstration sites in 5 provinces covering 32 ha each (500 mu) and repeated in new sites for 4 years. Baseline is zero.

► Number of PFOS related environmental standards developed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	16-Jan-2017	20-Oct-2017	11-May-2018	31-Mar-2023

Comments

A number of standards are proposed to be developed as part of TA activities. Baseline is zero.

► Intended beneficiaries aware of project info. and project investments (%) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	85.00
Date	16-Jan-2017	20-Oct-2017	11-May-2018	31-Mar-2023

Comments

This indicator intends to measure the effectiveness of consultation and communication mechanisms in terms of ensuring that information about the project and project supported investments have been communicated effectively.


▲ Intended beneficiaries aware of project info. and project investments - female (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	340.00

▲ Intended beneficiaries aware of project info. and project investments –male (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,020.00

▲ Intended beneficiaries - female (number) (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	400.00

▲ Intended beneficiaries - male (number) (Number, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,200.00

Overall Comments

No substantial progress on the ground yet.

Data on Financial Performance



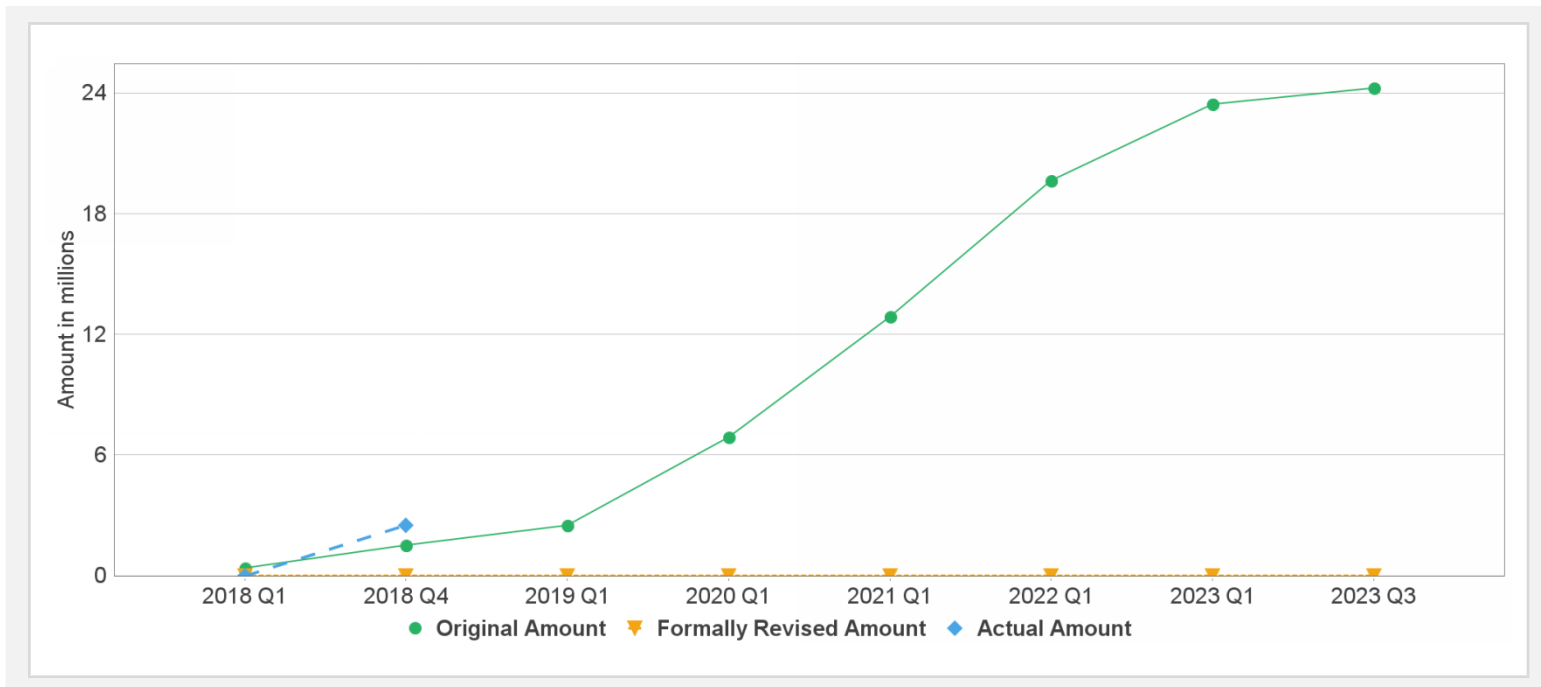
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P152959	TF-A4337	Effective	USD	24.25	24.25	0.00	2.50	21.75	10%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P152959	TF-A4337	Effective	04-Apr-2017	06-Jun-2017	04-Sep-2017	31-Mar-2023	31-Mar-2023

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.

