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Integrated Solid Waste Management Project (P114515)

EUROPE AND CENTRAL ASIA | Belarus | Social, Urban, Rural and Resilience Global Practice Global Practice |
IBRD/IDA | Specific Investment Loan | FY 2010 | Seq No: 14 | ARCHIVED on 28-Jul-2015 | ISR19215 |

Implementing Agencies: Ministry of Housing and Utilities

Key Dates

Key Project Dates

Board Approval date:17-Jun-2010
Effectiveness Date:06-Oct-2010
Planned Mid Term Review Date:03-Jun-2015
Actual Mid-Term Review Date:03-Jun-2015
Original Closing Date:30-Dec-2016
Revised Closing Date:30-Dec-2016

Project Development Objectives

Integrated Solid Waste Management Project (P114515)

Project Development Objective (from Project Appraisal Document)
(i) Improve environmental benefits of integrated solid waste management in Grodno through recovery and reuse of recycable materials in line with good international standards; (ii) Strengthen national capacity to manage hazardous wastes associated with POPs.

Has the Project Development Objective been changed since Board Approval of the Project Objective?
No

Belarus POPs Stockpile Management Project (GEF) (P111110)

Global Environmental Objective (from Project Appraisal Document)
Reduce environmental and health risks associated with the presence and release of POPs in global and local environments.

Has the Global Environmental Objective been changed since Board Approval of the Project Objective?
No

Components

Name
Mechanical Materials Recovery Facility:(Cost $37.00 M)
Waste Separation Management Improvements:(Cost $4.00 M)
Persistent Organic Pollutants (POPs) stockpile Management (GEF):(Cost $26.10 M)
Project Management:(Cost $2.65 M)

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Overall Ratings

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

Implementation Status and Key Decisions

The contract for the construction of the Materials Recycling Facility (MRF) in Grodno was signed with the China Machinery Engineering Corporation on July 10, 2015 and became effective on December 18, 2015. Civil works for the construction of the MRF have advanced substantially since the time of the last visit in January 2015. The foundations and building structure support pillars are in place, foreign supplied equipment has been manufactured and is currently being shipped to Belarus. The project is on track to achieve its Development Objective to increase the environmental benefits of integrated solid waste management in Grodno through recovery and reuse of recyclable material. Going forward, proactive supervision will be important for timely completion of construction works and commissioning of the plant.

Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators

▸ Valuable material sold by the new facility to users (tons) (Tones/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	10000.00
Date	16-Nov-2009	23-Jan-2015	07-Jul-2015	30-Dec-2016

▸ Tons of waste that will not be buried in the landfill due to the new facility (Tones/year, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20000.00
Date	16-Nov-2009	23-Jan-2015	07-Jul-2015	30-Dec-2016

▸ Industrial or municipal solid waste reduced or recycled under the project (Tones/year, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	20000.00
Date	18-Dec-2012	23-Jan-2015	07-Jul-2015	30-Dec-2016

Overall Comments

Global Environmental Objective Indicators

▸ Compliance with Stockholm Convention (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Compliant	N/a	Compliant	Compliant
Date	16-Nov-2009	23-Jan-2015	23-Jan-2015	30-Sep-2013

▸ Reduced exposure of population to POPs Waste (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	100000.00	127360.00	127360.00	101832.00
Date	16-Nov-2009	30-Sep-2013	30-Sep-2013	30-Sep-2013

▸ POPs&pops waste destroyed,disposed or contained in environmentally sound manner (Metric ton, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8340.00	8340.00	5751.00
Date	16-Nov-2009	11-Mar-2014	11-Mar-2014	30-Sep-2013

▸ Environmentally sound disposal of priority POPs stockpiles (Metric ton, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2926.00	2926.00	1800.00
Date	16-Nov-2009	11-Mar-2014	11-Mar-2014	30-Sep-2013

Overall Comments

Intermediate Results Indicators

▸ % of recycling effort coverage of the city of Grodno (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	40.00	40.00	50.00	100.00
Date	16-Nov-2009	14-Nov-2013	07-Jul-2015	30-Dec-2016

▸ Tons of separated waste collected (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	14000.00
Date	16-Nov-2009	14-Nov-2013	07-Jul-2015	30-Dec-2016

▸ Percent of population aware of Grodno's solid waste separation program (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	37.00	37.00	37.00	80.00
Date	16-Nov-2009	14-Nov-2013	14-Nov-2013	30-Dec-2016

▸ Percent of population participating in Grodno's source separation program (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	16.00	16.00	16.00	80.00
Date	16-Nov-2009	14-Nov-2013	14-Nov-2013	30-Dec-2016

▸ Percent of waste recycled by weight (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.00	5.00	5.00	30.00
Date	16-Nov-2009	14-Nov-2013	14-Nov-2013	30-Dec-2016

▸ Operating Ratio of MWSTF (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	16-Nov-2009	14-Nov-2013	07-Jul-2015	30-Dec-2016

▸ Mechanical waste separation facility operaitonal (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	--	No	Yes
Date	16-Nov-2009	14-Nov-2013	07-Jul-2015	30-Dec-2016

▸ Amounts of POPs pesticides recovered, packaged in storage or destroyed (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	7068	4486
Date	16-Nov-2009	30-Sep-2013	30-Sep-2013	30-Dec-2016

▸ Amounts of Priority PCBs destroyed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	823.00	823.00	816.00
Date	17-Nov-2009	30-Sep-2013	30-Sep-2013	30-Dec-2016

▸ Plans and inventories established, laboratories upgraded (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No long-term plan for PCB phase out. Baseline inventory of PCB equipment	--	Long-term PCB phaseout plan developed and approved by the Government. Laboratories upgraded using Government's cofinancing.	Plans and inventories established and laboratories upgraded
Date	16-Nov-2009	30-Sep-2013	30-Sep-2013	30-Dec-2016

▸ New and amended regulatory documents (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Gaps in national legislation for control of POPs. Lack of consistency and coordination for POPs related information	Ten educational events were held	Ten educational events were held	New and amended POPs regulatory documents adopted
Date	16-Nov-2009	23-Jul-2014	23-Jul-2014	30-Dec-2016

Overall Comments

Data on Financial Performance

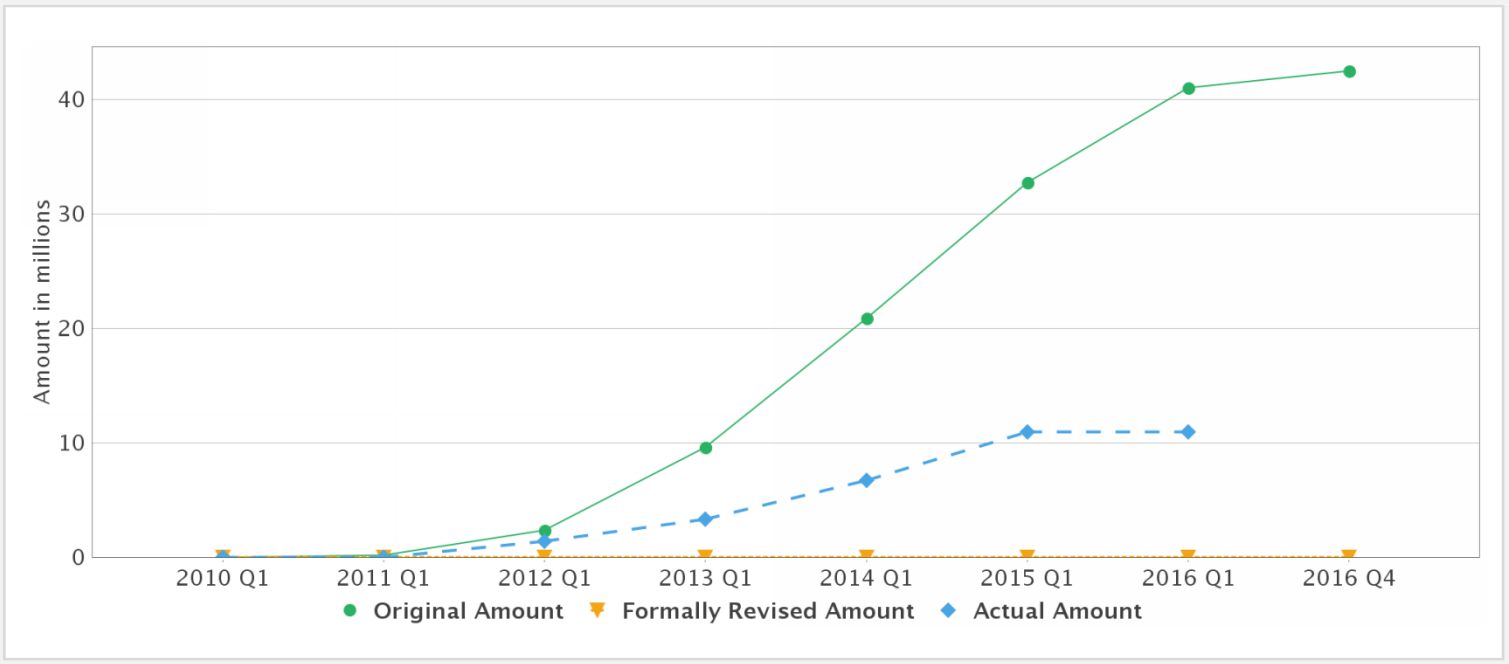
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P114515	IBRD-79320	Effective	USD	42.51	42.51	0.00	5.55	36.95	13%
P111110	TF-96993	Closed	USD	5.50	5.49	0.01	5.49	0.00	100%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P114515	IBRD-79320	Effective	17-Jun-2010	05-Jul-2010	06-Oct-2010	30-Dec-2016	30-Dec-2016
P111110	TF-96993	Closed	05-Jul-2010	05-Jul-2010	06-Oct-2010	30-Sep-2013	30-Sep-2013

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

P111110-Belarus POPs Stockpile Management Project (GEF)