



ODRA RIVER BASIN FLOOD PROTECTION (P086768)

EUROPE AND CENTRAL ASIA | Poland | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2007 | Seq No: 25 | ARCHIVED on 23-Jun-2020 | ISR42319 |

Implementing Agencies: Republic of Poland, Ministry of Environment

Key Dates**Key Project Dates**

Bank Approval Date: 21-Mar-2007

Effectiveness Date: 09-Jul-2007

Planned Mid Term Review Date: 26-Sep-2011

Actual Mid-Term Review Date: 26-Sep-2011

Original Closing Date: 30-Nov-2014

Revised Closing Date: 30-Jun-2020

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The main development objective of the Project is to protect the population in the ORB against loss of life and damage to property caused by severe flooding. This would be achieved by: (i) reducing the extreme flood peaks through storage in a dry polder on the Odra River just upstream of Raciborz town, enabling a reduction of the flood peak downstream of the reservoir and allowing better control of the operation of the river system; and (ii) by increasing the flood carrying capacity of the Odra River channels through and around Wrocław. The Project would protect more than 2.5 million people against flooding in several towns such as Raciborz, Kedzierzyn, Kozle, Krapkowice, Opole, Brzeg, Olawa and Wrocław, and settlements in the three voivodships of Śląskie, Opolskie and Dolnośląskie.

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components Table

Name

Construction of Raciborz Flood Retention Reservoir:(Cost \$286.78 M)

Modernization of Wrocław Floodway System:(Cost \$333.55 M)

Improving Flood Management, Monitoring & Evaluation and Supervision of EA, EMP and RAP:(Cost \$35.47 M)

Project Management Technical Assistance and Training:(Cost \$7.62 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Satisfactory	<input type="checkbox"/> Satisfactory
Overall Risk Rating	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate

Implementation Status and Key Decisions

All contracts under the project have been completed, including the large civil works contract (A1-4) for construction of the Raciborz dry polder and the related supervision contracts. The handover certificate of the dry polder was issued end-May 2020, and the polder is operational. Minor works remain to be completed, including rubbish removal, finishing of grass sowing along embankments, and refinements to the reservoir operations software. The project development objective is expected to be achieved.



Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

To protect the population in the ORB against loss of life and damage to property caused by flooding				
► Reduction in area flooded, damages avoided and lives saved due to floods of various magnitudes and return periods (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	The hectares that were affected during the 1997 flood: About 485 000 ha. The value of assets lost during the 1997 flood: 14,0 billion PLN (including flood fighting costs). People died during 1997 flood: 57	Measured as construction progress until project is fully finished: B1, B2 and B3 contracts are completed and delivering flood protection benefits. The contract for the construction of the Raciborz polder (contract A1-4) is ongoing. Physical	Measured as construction progress until project is fully finished: B1, B2 and B3 contracts are completed and delivering flood protection benefits. The contract for the construction of the Raciborz polder	Full protection against floods of the 1997 magnitude. The hectares that will be affected: 0 ha. The value of assets that will be lost: 0 PLN. People who will die: 0



		progress is about 85 %.	(contract A1-4) is completed.	
Date	05-Jul-2007	15-Nov-2019	12-Jun-2020	30-Jun-2020
Comments:	Measured as construction progress until project is fully finished: B1, B2 and B3 contracts are completed and delivering flood protection benefits. The contract for the construction of the Raciborz polder (contract A1-4) is completed.			

Intermediate Results Indicators by Components

Improving Flood Management, Monitoring & Evaluation and Supervision of EA, EMP and RAP				
► Component D: Implementation of RAP design of infrastructure and constructions completion on time. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Not yet due	All RAPs prepared and RAP influenced designs (new village) completed.	All RAPs prepared and RAP influenced designs (new village) completed.	Complete constructions of all project facilities.
Date	20-Jul-1997	15-Nov-2019	12-Jun-2020	30-Jun-2020

Project Management Technical Assistance and Training				
► Component C: Improved flood forecasting and better linkage of forecaster and communication with flood management (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Status of forecast and communication during 1997 floods. No linkage between flood forecasting and management system	These activities are successfully completed and indicators have been fully achieved.	These activities are successfully completed and indicators have been fully achieved.	Established institutional and communication setup for operation of various structures in the system.
Date	20-Jul-1997	15-Nov-2019	12-Jun-2020	30-Jun-2020

Construction of Raciborz Flood Retention Reservoir				
► Component A. Reduction in area flooded, damages avoided and lives saved in cities and settlements between Raciborz and Wroclaw city (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Area flooded during 1997. The hectares that were affected during the 1997 flood between Raciborz and Wroclaw: About 475 000 ha. The value of assets lost during the 1997 flood	Measured as construction progress until project is fully finished: The contract for the construction of the Raciborz polder (contract A1-4) is ongoing.	Measured as construction progress until project is fully finished: The contract for the construction of the Raciborz polder (contract A1-4) is completed.	Full protection against floods of the 1997 magnitude between Raciborz and Wroclaw city. The hectares that will be affected: 0 ha. The value of assets that will be lost: 0 PLN.



	between Raciborz and Wroclaw: 9.0 to 9.2 billion PLN (including flood fighting costs). People died during 1997 flood between Raciborz and Wroclaw: 54	Physical progress is about 85 %.		People who will die: 0
Date	05-Jul-2007	15-Nov-2019	12-Jun-2020	30-Jun-2020
<input type="checkbox"/> Construction completion and expenditures (Text, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0%	67.3%	97%	100% (cumulative)

Modernization of Wroclaw Floodway System				
▶ Component B: Full protection to Wroclaw city against flooding. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Area flooded during 1997 floods. The hectares that were affected during the 1997 flood in Wroclaw: About 9 000 ha. The value of assets lost during the 1997 flood in Wroclaw: 4.23 billion PLN (including flood fighting costs). People died during 1997 flood in Wroclaw: 0	Measured as construction progress until project fully finished: B1, B2 and B3 contracts are completed.	Measured as construction progress until project fully finished: B1, B2 and B3 contracts are completed.	Full protection against floods of the 1997 magnitude in Wroclaw. The hectares that will be affected: 0 ha. The value of assets that will be lost: 0 PLN. People who will die: 0
Date	05-Jul-2007	15-Nov-2019	12-Jun-2020	30-Jun-2020
<input type="checkbox"/> Construction completion and expenditures (Text, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0%	Physical construction progress: B1, B2 & B3: 100 %	Physical construction progress: B1, B2 & B3: 100 %	100% (cumulative)

Performance-Based Conditions

Data on Financial Performance

Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
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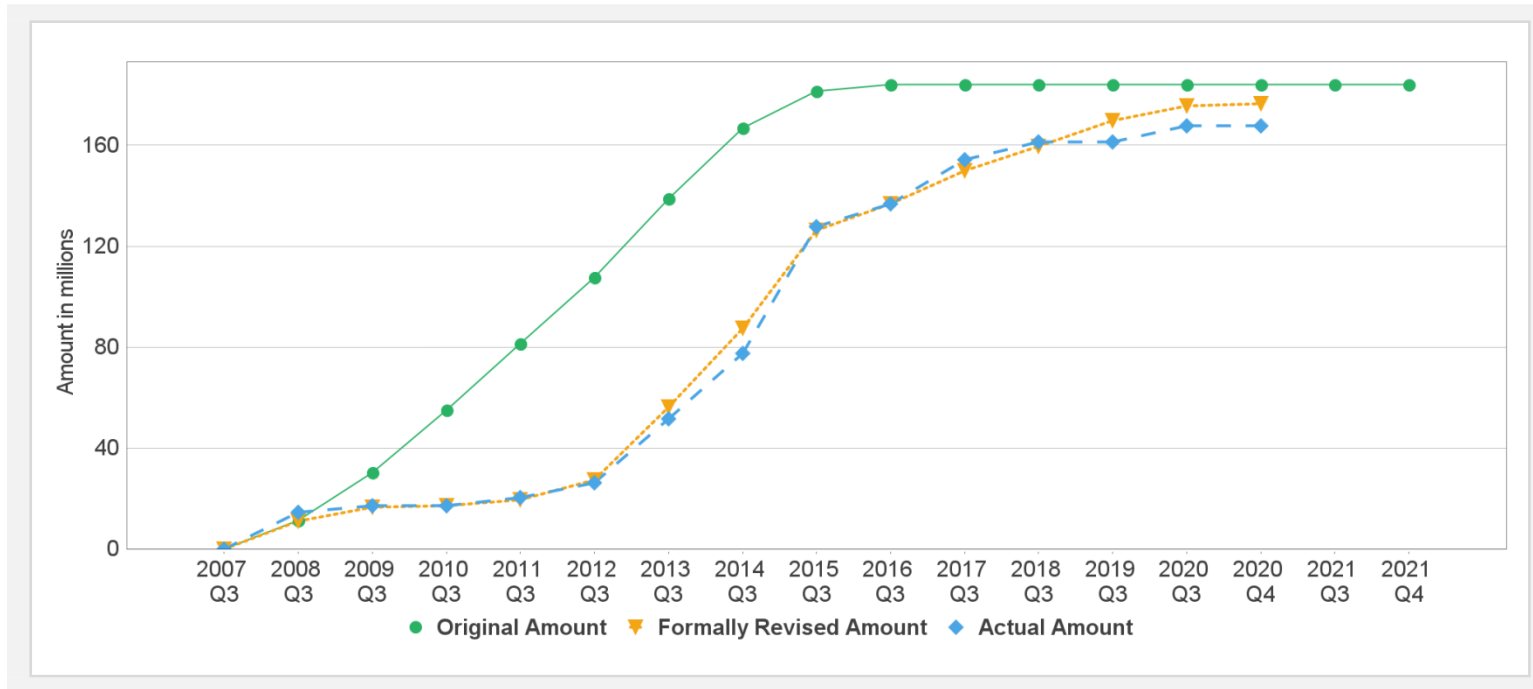


P086768	IBRD-74360	Effective	USD	184.00	184.00	0.00	167.55	9.63	<div style="width: 95%; height: 15px; background-color: #4CAF50;"></div>	95%
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Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P086768	IBRD-74360	Effective	21-Mar-2007	11-May-2007	09-Jul-2007	30-Nov-2014	30-Jun-2020

Cumulative Disbursements



PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC
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Restructuring History

Level 2 Approved on 31-Jan-2014 ,Level 2 Approved on 10-Jul-2014 ,Level 2 Approved on 20-Oct-2017 ,Level 2 Approved on 16-Feb-2018

Related Project(s)

There are no related projects.