



ODRA RIVER BASIN FLOOD PROTECTION (P086768)

EUROPE AND CENTRAL ASIA | Poland | Water Global Practice |
IBRD/IDA | Investment Project Financing | FY 2007 | Seq No: 20 | ARCHIVED on 07-Dec-2017 | ISR30355 |

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

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	● Moderately Unsatisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Unsatisfactory	● Moderately Satisfactory



Overall Risk Rating

● Moderate

● Moderate

Implementation Status and Key Decisions

Works on the main Wroclaw Floodway System (WFS) are complete (B1 and B2 contracts) and delivering flood protection benefits. Of the B3 contracts, B3.1 is progressing satisfactorily including the construction of the main Widawa flap weir. This weir is a critical element of the WFS as it will divert peak water flows around the city of Wroclaw under emergency situations. The B3.2 contract, however, faced some delays, although completion is expected during the 4th quarter of 2017. Following the termination of the contractor for the Raciborz investment (A11), sub-contractors were hired directly to secure the site, prevent existing works from damage, and continue with necessary works until selection of the new contractor takes place (e.g. soil strengthening, preparation of execution designs). These contracts proceeded well and are either completed or very close to completion. The Bank provided the no objection to the BER for the new Raciborz works contract (A14) on October 24, 2017 and the letter of acceptance was issued to the contractor on November 20, 2017. Progress with the new village continues to be exemplary. All community infrastructure is almost completed, although some delays due to change of distribution of multi-purpose building and soil conditions in the football field, have led to a contract extension until June 30th, 2018.

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	--	● Moderate	● Substantial
Fiduciary	--	● Low	● Low
Environment and Social	--	● Substantial	● Substantial
Stakeholders	--	● Low	● Low
Other	--	--	--
Overall	--	● Moderate	● Moderate

Results

Project Development Objective Indicators

- ▶ 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	<p>Area flooded during 1997 floods. Flood of 1997: 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</p>	<p>Measured as construction progress: All B1 and B2 contracts are completed and are in the defects notification period. Final settlement of B2 contracts under way. B3 progress is overall acceptable (except for B3.2) and anticipated to be completed by July 2017. A1 activity is in progress (43%) and faces delays due to termination of the contract. A re-tender is already in progress.</p>	<p>Measured as construction progress until project is fully finished: All B1 and B2 contracts are completed. B3 progress is overall acceptable (except for B3-2) and anticipated to be substantially completed by November 2017. A1 activity is in progress (50%) and continues to face delays due to termination of the contract. A re-tender is already in progress and the Bank has received the Bid Evaluation Report.</p>	<p>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</p>
Date	20-Jul-1997	31-Mar-2017	31-Mar-2017	30-Jun-2020

Overall Comments

Intermediate Results Indicators

► 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	<p>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 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</p>	<p>Measured as construction progress: A1 activity is in progress and faces delays due to termination of the contract. A re-tender is already in progress.</p>	<p>Measured as construction progress until project is fully finished: A re-tender is already in progress and the Bank has provided the no objection to the Bid Evaluation Report.</p>	<p>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. People who will die: 0</p>
Date	05-Jul-2007	31-Mar-2017	31-Mar-2017	30-Jun-2020



▲ Construction completion and expenditures (Text, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0%	43%	43%	100% (cumulative)

► Component B: Full protection to Wroclaw city against flooding. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	<p>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</p>	<p>Measured as construction progress: All B1 and B2 contracts are completed and are in the defects notification period. Final settlement of B2 contracts under way. B3 progress is overall acceptable (except for B3.2) and anticipated to be completed by July 2017.</p>	<p>Measured as construction progress until project fully finished: All B1 and B2 contracts are completed (construction progress 100%). B3 progress is overall acceptable (except for B3-2) and anticipated to be substantially completed by November 2017. Construction progress of B3: 92 %</p>	<p>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</p>
Date	05-Jul-2007	31-Mar-2017	31-Mar-2017	30-Jun-2020



▾ Construction completion and expenditures (Text, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0%	75%	All B1 and B2 contracts are completed (construction progress 100%). B3 progress is overall acceptable (except for B3-2) and anticipated to be substantially completed by November 2017. Construction progress of B3: 92 % Expenditures as percentage of estimated total component B cost of Euro 395 885 000,00 in percent: 71% .	100% (cumulative)

► 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	31-Mar-2017	31-Mar-2017	30-Jun-2020

► 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 RAP prepared.	All RAP prepared and RAP influenced designs (new village) scheduled to be completed April 2018.	Complete constructions of all project facilities.
Date	20-Jul-1997	31-Mar-2017	31-Mar-2017	30-Jun-2020

Overall Comments



Data on Financial Performance

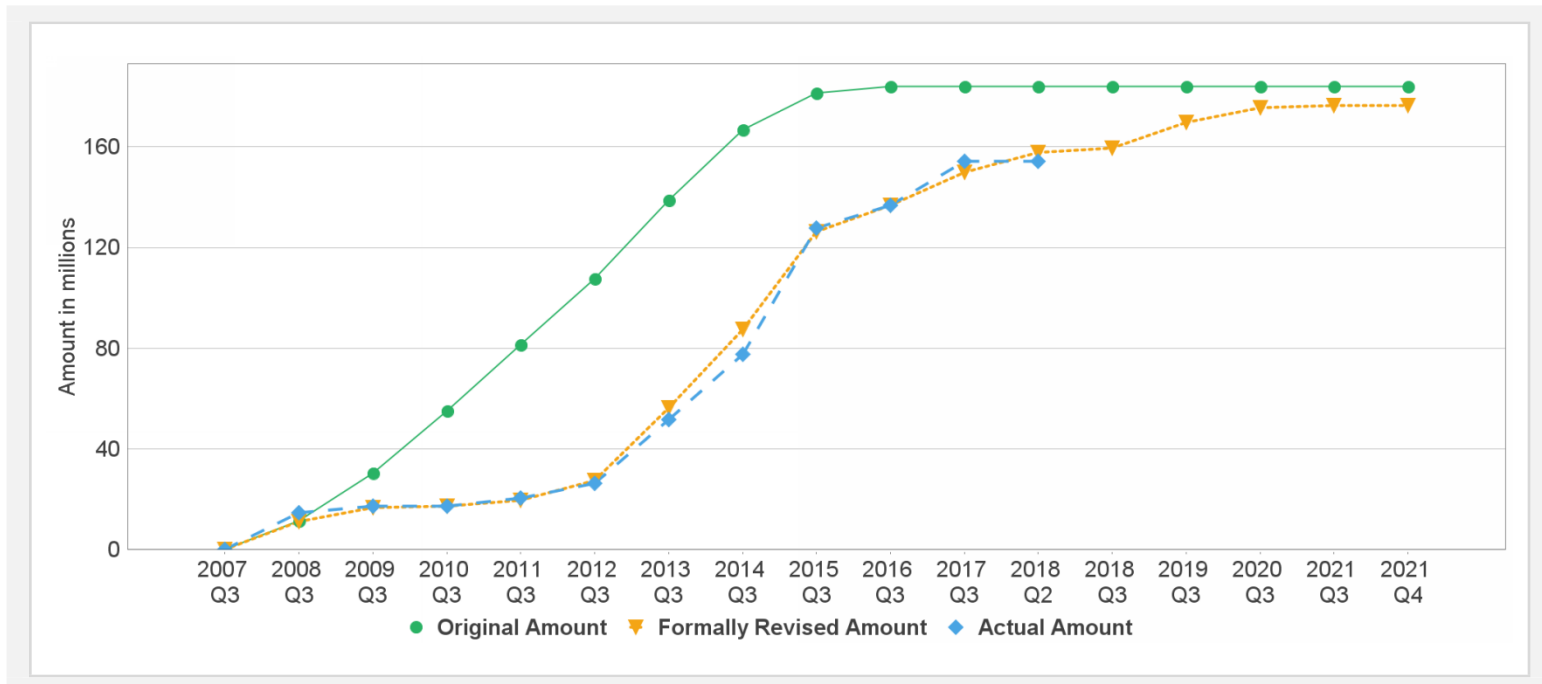
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P086768	IBRD-74360	Effective	USD	184.00	184.00	0.00	154.19	24.61	84%

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



Restructuring History

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



Related Project(s)

There are no related projects.
