



## Second Urban Infrastructure Project (P132386)

EUROPE AND CENTRAL ASIA | Ukraine | Water Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2014 | Seq No: 7 | ARCHIVED on 15-Jun-2018 | ISR31905 |

Implementing Agencies: Ukraine, MoRDCHC of Ukraine

### Key Dates

#### Key Project Dates

Bank Approval Date:22-May-2014

Effectiveness Date:21-Nov-2014

Planned Mid Term Review Date:23-Oct-2017

Actual Mid-Term Review Date:20-Nov-2017

Original Closing Date:31-Oct-2020

Revised Closing Date:31-Oct-2020

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective (PDO) is to improve the quality and efficiency of water, wastewater, and solid waste services in selected cities in Ukraine.

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

No

### Components

Name

Component 1: Urban Infrastructure Improvement:(Cost \$330.10 M)

Component 2: Institutional Strengthening and Capacity Building:(Cost \$7.00 M)

Component 3: Project Management and Supervision:(Cost \$5.00 M)

### Overall Ratings

| Name                                 | Previous Rating             | Current Rating              |
|--------------------------------------|-----------------------------|-----------------------------|
| Progress towards achievement of PDO  | ● Moderately Satisfactory   | ● Moderately Satisfactory   |
| Overall Implementation Progress (IP) | ● Moderately Unsatisfactory | ● Moderately Unsatisfactory |
| Overall Risk Rating                  | ● Substantial               | ● Substantial               |

### Implementation Status and Key Decisions



Progress towards achievement of the Project Development Objective (PDO) remains moderately satisfactory, while Implementation Progress continues to be moderately unsatisfactory. The rationale for this evaluation is that the project continues to experience implementation delays due to the lengthy procurement process, including contract effectiveness after awards. Committed amounts increase significantly but disbursement remains low. The Bank team continues to provide support to both Central Project Management Unit (CPMU) and the Regional Project Management Units (RPMUs) to improve the progress on project implementation.

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### Project Development Objective Indicators

#### ► Industrial or municipal solid waste reduced or recycled under the project (Tones/year, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 40,000.00   |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

#### ► Volume(mass) of BOD pollution load removed by treatment plant under the project (Tones/year, Custom)

|  | Baseline | Actual (Previous) | Actual (Current) | End Target |
|--|----------|-------------------|------------------|------------|
|  |          |                   |                  |            |



|       |             |             |             |             |
|-------|-------------|-------------|-------------|-------------|
| Value | 15,285.00   | 15,285.00   | 15,285.00   | 18,485.00   |
| Date  | 22-May-2014 | 07-Dec-2017 | 12-Jun-2018 | 31-Oct-2020 |

► Operating Cost Coverage Ratio: Kharkiv VK (Percentage, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.76        | 0.76              | 0.76             | 0.86        |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Operating Cost Coverage Ratio: Zhytomyr (Percentage, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.78        | 0.78              | 0.78             | 0.95        |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Operating Cost Coverage Ratio: Kharkiv MC (Percentage, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 1.18        | 1.18              | 1.18             | 1.20        |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Operating Cost Coverage Ratio: Kirovograd (Percentage, Custom)



|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.67        | 0.06              | 0.06             | 0.77        |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Operating Cost Coverage Ratio: Ternopil (Percentage, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.92        | 0.92              | 0.92             | 0.97        |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Energy efficiency as measured by amount of energy used per m3 of water produced in utilities participating in the project (kWh per m3 of water treated) (Cubic Meter(m3), Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.60        | 0.80              | 0.80             | 0.40        |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Operating Cost Coverage Ratio: Kramatorsk (Percentage, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.74        | 0.74              | 0.74             | 0.85        |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Energy efficiency as measured by amount of energy used per m3 of wastewater treated in utilities participating in the project (kWh per m3 of waste water treated) (Cubic Meter(m3), Custom)



|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.90        | 0.90              | 0.90             | 0.60        |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Tons of GHG emissions reduced or avoided (Tones/year, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 475,392.00  |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

Overall Comments

**Intermediate Results Indicators**

► Direct project beneficiaries (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 4.20        |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

▲ Female beneficiaries (Percentage, Custom Supplement)

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



► Piped household water connections that are benefiting from rehabilitation works undertaken by the project (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 555,000.00  |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Industrial and municipal waste disposal capacity created under the project (Metric ton, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 400,000.00  |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Number of water utilities that the project is supporting (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 11.00             | 11.00            | 11.00       |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Number of utility companies implementing recommendations of Utility Performance Improvement Plan (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 7.00        |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |



► Utility companies using benchmarking systems (Number, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 11.00             | 11.00            | 7.00        |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Prepare new design standards for water supply and wastewater (Yes/No, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | N           | N                 | N                | Y           |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Customers in project areas reporting improved water supply services, as measured through scorecards (rating 1-5) (Percentage, Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 20.00       |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

► Energy savings (GWh/yr) (Gigawatt-hour (GWh), Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 470.00      |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |





► Electricity Generation (GWh/yr) (Gigawatt-hour (GWh), Custom)

|       | Baseline    | Actual (Previous) | Actual (Current) | End Target  |
|-------|-------------|-------------------|------------------|-------------|
| Value | 0.00        | 0.00              | 0.00             | 210.00      |
| Date  | 22-May-2014 | 07-Dec-2017       | 12-Jun-2018      | 31-Oct-2020 |

Overall Comments

### Data on Financial Performance

#### Disbursements (by loan)

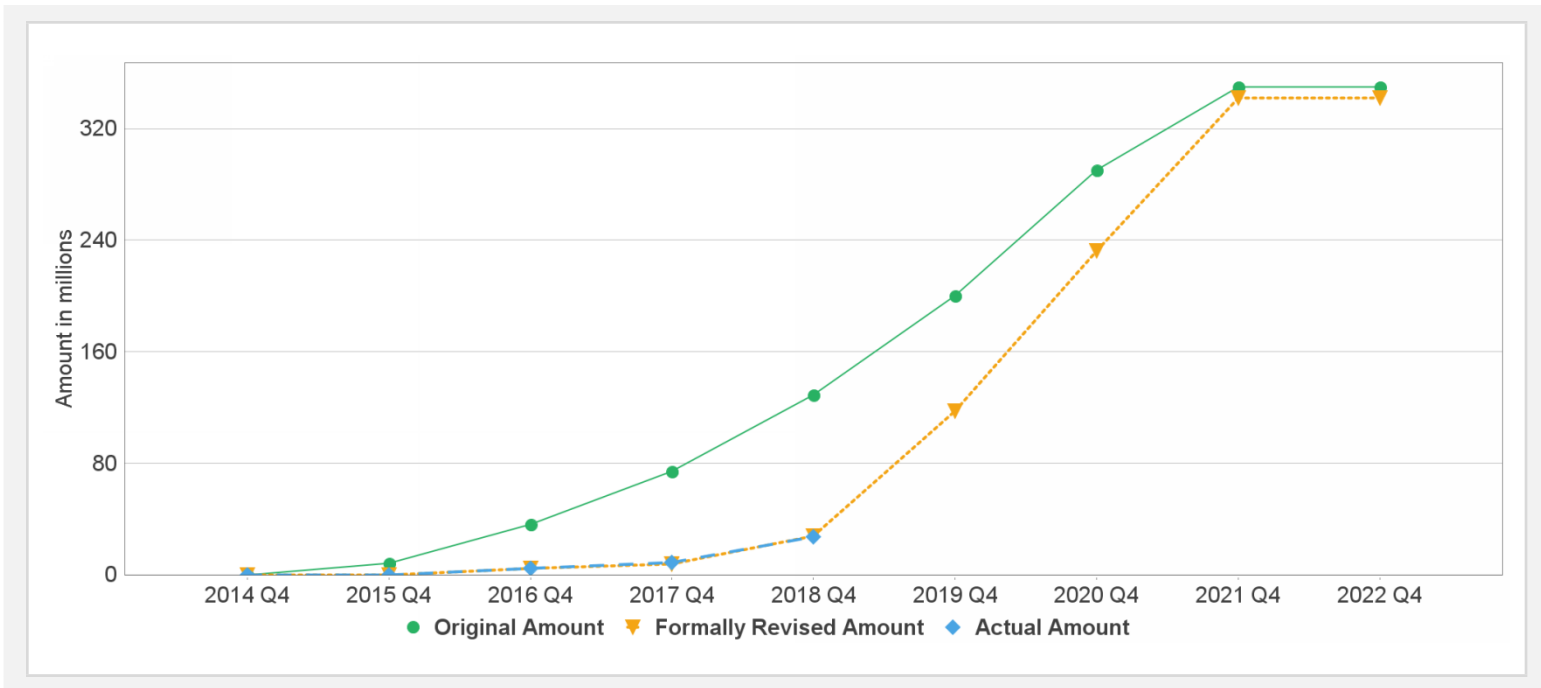
| Project | Loan/Credit/TF | Status    | Currency | Original | Revised | Cancelled | Disbursed | Undisbursed | Disbursed  |
|---------|----------------|-----------|----------|----------|---------|-----------|-----------|-------------|--|
| P132386 | IBRD-83910     | Effective | USD      | 300.00   | 300.00  | 0.00      | 23.60     | 276.40      |  7.9% |
| P132386 | TF-17112       | Effective | USD      | 50.00    | 50.00   | 0.00      | 4.55      | 45.45       |  9.1% |

#### Key Dates (by loan)

| Project | Loan/Credit/TF | Status    | Approval Date | Signing Date | Effectiveness Date | Orig. Closing Date | Rev. Closing Date |
|---------|----------------|-----------|---------------|--------------|--------------------|--------------------|-------------------|
| P132386 | IBRD-83910     | Effective | 22-May-2014   | 26-May-2014  | 21-Nov-2014        | 31-Oct-2020        | 31-Oct-2020       |
| P132386 | TF-17112       | Effective | 22-May-2014   | 26-May-2014  | 21-Nov-2014        | 31-Oct-2020        | 31-Oct-2020       |

#### Cumulative Disbursements





### Restructuring History

Level 2 Approved on 26-Feb-2016 ,Level 2 Approved on 20-Oct-2016 ,Level 2 Approved on 07-Jun-2018

### Related Project(s)

There are no related projects.