### Implementation Status & Results

**China**

**Second Tianjin Urban Development and Environment Project (P040599)**

<table>
<thead>
<tr>
<th>Information</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation Name</td>
<td>Second Tianjin Urban Development and Environment Project (P040599)</td>
</tr>
<tr>
<td>Project Stage</td>
<td>Implementation</td>
</tr>
<tr>
<td>Seq.No</td>
<td>12</td>
</tr>
<tr>
<td>Status</td>
<td>ARCHIVED</td>
</tr>
<tr>
<td>Last Modified Date</td>
<td>25-Jan-2011</td>
</tr>
<tr>
<td>Country</td>
<td>China</td>
</tr>
<tr>
<td>Approval FY</td>
<td>2003</td>
</tr>
<tr>
<td>Region</td>
<td>EAST ASIA AND PACIFIC</td>
</tr>
<tr>
<td>Lending Instrument</td>
<td>Specific Investment Loan</td>
</tr>
<tr>
<td>Implementing Agency(ies)</td>
<td>Tianjin Municipal Government</td>
</tr>
<tr>
<td>Key Dates</td>
<td></td>
</tr>
<tr>
<td>Board Approval Date</td>
<td>20-May-2003</td>
</tr>
<tr>
<td>Original Closing Date</td>
<td>30-Jun-2010</td>
</tr>
<tr>
<td>Planned Mid Term Review Date</td>
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</tr>
<tr>
<td>Last Archived ISR Date</td>
<td>27-Apr-2010</td>
</tr>
<tr>
<td>Effectiveness Date</td>
<td>10-Mar-2004</td>
</tr>
<tr>
<td>Revised Closing Date</td>
<td>30-Jun-2011</td>
</tr>
<tr>
<td>Actual Mid Term Review Date</td>
<td></td>
</tr>
</tbody>
</table>

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

Enhance the efficiency and equity of urban wastewater management and transportation systems, and thus facilitate the sustainable development of Tianjin and serve as a model for other cities in China.

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

- Yes
- No

### Component(s)

<table>
<thead>
<tr>
<th>Component Name</th>
<th>Component Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A) CITY DRAINAGE AND SEWERAGE</td>
<td>107.60</td>
</tr>
<tr>
<td>(B) SHUANGLIN WASTEWATER TREATMENT PLAN</td>
<td>52.40</td>
</tr>
<tr>
<td>(D) DAGU CANAL REHABILITATION</td>
<td>58.00</td>
</tr>
<tr>
<td>(E) SUBURBAN SEWERAGE</td>
<td>23.70</td>
</tr>
<tr>
<td>(F) URBAN ROADS</td>
<td>20.00</td>
</tr>
<tr>
<td>(G) BUS PRIORITY MEASURES</td>
<td>31.00</td>
</tr>
<tr>
<td>(H) TRAFFIC MANAGEMENT</td>
<td>4.50</td>
</tr>
<tr>
<td>(I) INSTITUTIONAL DEVELOPMENT</td>
<td>4.40</td>
</tr>
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</table>

### Overall Ratings

<table>
<thead>
<tr>
<th>Rating Category</th>
<th>Previous Rating</th>
<th>Current Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Progress towards achievement of PDO</td>
<td>Moderately Unsatisfactory</td>
<td>Moderately Satisfactory</td>
</tr>
<tr>
<td>Overall Implementation Progress (IP)</td>
<td>Moderately Unsatisfactory</td>
<td>Moderately Satisfactory</td>
</tr>
<tr>
<td>Overall Risk Rating</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Implementation Status Overview

Overall implementation status is moderately satisfactory. First, the project is enhancing the efficiency and equity of urban wastewater management through implementing the recommendations of a sector reform study and improving wastewater collection and treatment infrastructure. Second, the project is enhancing transportation systems by implementing the recommendations of a sector reform study; encouraging and facilitating mass transit modes; and improving and or rehabilitating roads, interchanges and other related infrastructure. In May 2010, a time-bound Action Plan was agreed to improve project implementation and disbursements, and pave the way for a proposed second project restructuring. The Action Plan has now been complied with satisfactorily. The proposed second restructuring includes: (i) changing the scope of some components to reflect Tianjin’s priorities; (ii) extending the closing date to June 30, 2012 to allow completion of ongoing activities; (iii) reallocation and changes in disbursement percentages; and (iv) updating the project monitoring indicators. With the proposed restructuring, the PDO can be fully achieved.

Results

Project Development Objective Indicators

<table>
<thead>
<tr>
<th>Indicator Name</th>
<th>Baseline</th>
<th>Current</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increase in overall percentage of wastewater collected and treated in Tianjin City.</td>
<td>Value Tianjin City 2003-25% Date 30-Apr-2003 Comment</td>
<td>Value Tianjin urba area is 80%. Date 28-Oct-2010 Comment</td>
<td>Value 75% Date 30-Jun-2011 Comment</td>
</tr>
</tbody>
</table>

Intermediate Results Indicators

<table>
<thead>
<tr>
<th>Indicator Name</th>
<th>Baseline</th>
<th>Current</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increase in traffic mode sharing for bus system.</td>
<td>Value 2003-10% Date 30-Apr-2003 Comment</td>
<td>Value 17.8% including Bus 12%. Metro 0.8% and Taxi 5% Date 28-Oct-2010 Comment</td>
<td>Value 18% Date 30-Jun-2011 Comment</td>
</tr>
<tr>
<td>Indicator Name</td>
<td>Baseline</td>
<td>Current</td>
<td>End Target</td>
</tr>
<tr>
<td>-----------------------------------------------------</td>
<td>----------</td>
<td>---------</td>
<td>--------------------------</td>
</tr>
<tr>
<td><strong>Component 1: Tianjin Drainage Infrastructure</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) Drainage collection in Nanjiaowai, Fukanlu, and Nanbeicang</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b) Construction of Shuanglin Wastewater Treatment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c) Rehabilitation of Dagu Canal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Type</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Unit of Measure</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Custom Indicator</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Text</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Value</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) No drainage; b) No wastewater treatment; c) Dagu canal filled with sediment</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Date</strong></td>
<td>01-Jan-2003</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Comment</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) Fukanlu, Nanjiaowai and Nanbeicang have all been completed; b) Jinnan Shuanglin WWTP is under implementation by own funding and would be canceled from the Loan when the project is restructured. c) Dredging and rehabilitation of Dagu Canal completed and landfill for toxic dredged sediment is also completed and operational with periodic monitoring of the leachate.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Date</strong></td>
<td>28-Oct-2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Comment</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a) Completed separated drainage systems; b) Plant operational and meeting standards; c) Canal dredged and sediment safely disposed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Date</strong></td>
<td>30-Jun-2011</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Comment</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Component 2: Tianjin Transportation Infrastructure**

<p>| <strong>Type</strong>                                            |          |         |                          |
| <strong>Unit of Measure</strong>                                 |          |         |                          |
| <strong>Custom Indicator</strong>                                |          |         |                          |
| <strong>Text</strong>                                            |          |         |                          |
| <strong>Value</strong>                                           |          |         |                          |
| a) No interchange; traffic bottleneck; b) Dangerous low capacity interchanges; c) Slow Bus Speeds: 15 km/hr. |          |         |                          |
| <strong>Date</strong>                                            | 01-Jan-2003 |         |                          |
| <strong>Comment</strong>                                         |          |         |                          |
| a) Jinzhonghe Interchange completed; b) ATC cancelled from the Loan but will be implemented by own funding. Target will be deleted during project restructuring. c) Bus priority corridors 65km completed by own funding with average speed 20km/hr on urban roads and 30km/hr on expressways |          |         |                          |
| <strong>Date</strong>                                            | 28-Oct-2010 |         |                          |
| <strong>Comment</strong>                                         |          |         |                          |
| a) Completed intersection; b) 200 intersections with ATC; c) Bus Speed increase to 25 km/hr average. |          |         |                          |
| <strong>Date</strong>                                            | 30-Jun-2011 |         |                          |
| <strong>Comment</strong>                                         |          |         |                          |
| ATC delayed and subsequently canceled because of the Siemens ban issue. |          |         |                          |</p>
<table>
<thead>
<tr>
<th>Indicator Name</th>
<th>Baseline</th>
<th>Current</th>
<th>End Target</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Component 3: Suburban Sewerage Hangu:</strong>&lt;br&gt;a) Construction of drainage collection system;&lt;br&gt;b) Construction of wastewater treatment plant</td>
<td>Value&lt;br&gt;a) Collection System in disrepair;&lt;br&gt;b) No wastewater treatment plant&lt;br&gt;Date 01-Jan-2003&lt;br&gt;Comment</td>
<td>Value&lt;br&gt;a) Collection and pumping system works completed (self-financed);&lt;br&gt;b) Wastewater treatment plant completed and plant is under commissioning with Class I-B.&lt;br&gt;Date 28-Oct-2010&lt;br&gt;Comment</td>
<td>Value&lt;br&gt;a) Collection mains completed and functional; b) Plant operating with planned flow and meeting standards.&lt;br&gt;Date 30-Jun-2011&lt;br&gt;Comment</td>
</tr>
<tr>
<td><strong>Component 4: Institutional Development:</strong>&lt;br&gt;a) Drainage Sector Study;&lt;br&gt;b) Transportation Sector Study.</td>
<td>Value&lt;br&gt;a) Incoherent structure and regulation for wastewater sector; b) Inefficient public bus management system.&lt;br&gt;Date 01-Jan-2003&lt;br&gt;Comment</td>
<td>Value&lt;br&gt;a) Drainage sector study completed b) Transport study completed&lt;br&gt;Date 28-Oct-2010&lt;br&gt;Comment</td>
<td>Value&lt;br&gt;a) Institutional reforms in wastewater sector; b) Reforms in public bus management systems.&lt;br&gt;Date 30-Jun-2011&lt;br&gt;Comment</td>
</tr>
</tbody>
</table>

**Data on Financial Performance (as of 27-Dec-2010)**

<table>
<thead>
<tr>
<th>Project</th>
<th>Loan No.</th>
<th>Status</th>
<th>Approval Date</th>
<th>Signing Date</th>
<th>Effectiveness Date</th>
<th>Closing Date</th>
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</thead>
</table>

**Disbursements (in Millions)**

<table>
<thead>
<tr>
<th>Project</th>
<th>Loan No.</th>
<th>Status</th>
<th>Currency</th>
<th>Original</th>
<th>Revised</th>
<th>Cancelled</th>
<th>Disbursed</th>
<th>Undisbursed</th>
<th>% Disbursed</th>
</tr>
</thead>
<tbody>
<tr>
<td>P040599</td>
<td>IBRD-46950</td>
<td>Effective</td>
<td>USD</td>
<td>150.00</td>
<td>150.00</td>
<td>0.00</td>
<td>98.89</td>
<td>51.11</td>
<td>66.00</td>
</tr>
</tbody>
</table>
Key Decisions Regarding Implementation

The Bank is considering a project restructuring proposal submitted by the client and should make a decision shortly.

Restructuring History

RVP Approved on 11-May-2007

Related Projects

There are no related projects.