The Yunnan Chuxiong Urban Environment Improvement Project will provide Asian Development Bank (ADB) lending for second- and third-tier city development of the province through various new approaches. It will include measures to address the frequent flooding in three cities and their surrounding agricultural lands that currently restricts their city expansion and economic development. Although the PRC generally relies heavily on engineering measures to contain flooding, the project will adopt an ecologically sound, climate resilient design that will balance engineering measures with river ecosystem conservation and the enhancement of public amenities. Based on international good practice, it will also introduce effective gender mainstreaming.

The project will strongly encourage the public to participate in river landscaping and city planning to reflect public priorities. The project will also demonstrate how construction of city roads with added functions of harvesting rainwater and intercepting sewage from surrounding villages can improve the city environment. The roads will also be equipped with energy-saving streetlights. The project will help each city develop comprehensive solid waste management plans and raise public awareness of the need to reduce, reuse, and recycle waste. The project will also demonstrate how construction of city roads with added functions of harvesting rainwater and intercepting sewage from surrounding villages can improve the city environment.

Impact
More competitive, green, and inclusive city development in Chuxiong Municipality, Lufeng County, and Wuding County that will support the development of the central Yunnan city cluster.
**Description of Project Outputs**

- Chuxiong urban infrastructure and environment improved
- Lufeng urban infrastructure and environment improved
- Wuding urban infrastructure and environment improved
- Capacity and institutional strength of the executing and implementing agencies increased

**Status of Implementation Progress (Outputs, Activities, and Issues)**

- **Rehabilitation of Wulong river** started and will be completed by April 2019.
- BER for EWDR1 is being reviewed.
- All eight urban roads have started construction. It is planned that the construction of Beicheng Road (CWD1), Wuchan and Wuxu Roads (CWD2), Chengbei Road (CWD3) and Wuding Road (CWD4-1) will be completed by November 2018, and construction for Mudan, Caiyuan and Binhe Roads (CWD4-2) will be completed by April 2019.
- Being constructed along with the roads.
- To be constructed along with the roads.
- To be constructed along with the roads.

**Implementation Progress**

<table>
<thead>
<tr>
<th>Description of Outcome</th>
<th>Urban infrastructure services and environment improved in cities of Chuxiong Municipality, Lufeng County, and Wuding County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Progress Toward Outcome</td>
<td>Updated REMDP has been approved and disclosed by ADB. Procurement for all roads and Wulong river components are completed and majority of the construction have been completed. Goods are being procured. Traffic signals and equipment (EW01) is completed by 30 December 2018. Municipal solid waste equipment has been delivered and accepted.</td>
</tr>
</tbody>
</table>

**Geographical Location**

- All equipment for solid waste equipment has been delivered to the project sites and in operation.
- All equipment for solid waste equipment has been delivered to the project sites and in operation.

**Safeguard Categories**

<table>
<thead>
<tr>
<th>Environment</th>
<th>A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Involuntary Resettlement</td>
<td>A</td>
</tr>
<tr>
<td>Indigenous Peoples</td>
<td>B</td>
</tr>
</tbody>
</table>

**Summary of Environmental and Social Aspects**

- The project is classified category A for environment. An environmental impact assessment was drafted in compliance with ADB's Safeguard Policy Statement (2009) and posted on the ADB website on 18 July 2013. The environmental impact assessment concluded that the anticipated environmental impacts and risks can be mitigated to acceptable levels through the implementation of the environmental management plan. During construction, the focus will be on proper earthwork management, soil erosion and water resources protection, and sound construction site management. During operation, special attention will be paid to mitigating traffic noise at sensitive sites and strengthening the early warning system for floods, traffic safety, and solid waste management in Chuxiong Municipality, Lufeng County, and Wuding County. Monitoring of the project’s environmental performance will be conducted during project construction and operation by contractors, construction supervision companies, and local environmental monitoring stations. The monitoring will be verified by an independent external monitor. The CPG and the project municipal and county governments are committed to managing the identified environmental risks and have agreed on a comprehensive set of environment-related loan covenants and a training program with a strong emphasis on environment safeguards. Environment safeguard documents were disclosed to the affected people. Potential environmental complaints or disputes will be handled in accordance with the grievance redress mechanism established for the project. |
The project is classified category B for indigenous peoples. The majority of the population in Yunnan and in the project cities belong to more than 25 ethnic minorities. Ethnic minorities in Chuxiong Municipality and Lufeng County are well-integrated socially and economically in the cities and do not live in distinct communities in the project areas. In Wuding County, a minority ethnic Hui village will be affected by the subproject's road construction, primarily through land acquisition and resettlement of three households. Aside from the land acquisition and concerns over noise during construction activities, no negative impacts have been identified in the village during extensive consultations. The village population supports the project, which it expects to provide it with improved mobility and access to the city center. The education and household income levels of the ethnic minority and majority populations are the same in these project cities, and ethnic minorities benefit from many preferential policies that provide them with representation in politics and access to schools and programs in rural areas for poverty alleviation. A resettlement and ethnic minority development plan that outlines the issues and actions for ethnic minority integration in the resettlement plan for the Wuding subproject was approved, disclosed to the affected persons, and uploaded to the ADB website in October 2013.

During Project Design

Extensive consultations with project municipal and county government agencies took place during project design. A socioeconomic survey, an ethnic minority development survey, and focus group discussions covered 520 urban and rural households with 950 people in the project areas. During the preparation of resettlement and ethnic minority development plan, members of more than 460 affected households were interviewed, while 300 local affected people and more than 100 representatives from various institutions and local communities were consulted during the environmental monitoring plan preparation. Public participation during implementation will include such activities as (i) the public hearing process for tariff adjustments and urban design and planning; and (ii) advocacy on flood warning and evacuation, solid waste management and recycling, and road safety. These processes were reflected in the SAP, the gender action plan, the design and monitoring framework, and loan assurances.

During Project Implementation

Consulting Services

- Individual consultant selection - 9 person-months - $0.16 million
- Quality- and cost-based selection - 112 person-months - $1.84 million

Procurement

- International competitive bidding - 7 contracts - $61.20 million
- National competitive bidding - 22 contracts - $125.00 million
- Shopping - 5 contracts - $0.05 million

Responsible ADB Officer

Chu, Chenglong

Responsible ADB Department

East Asia Department

Responsible ADB Division

PRC Resident Mission

Executing Agencies

Chuxiong Prefecture Government

CXW28117@126.COM

No 91 of Hudong Road, Project Management Office of ADB Chuxiong Project, Chuxiong Municipality, 675000, Yunnan, P.R.China

Yunnan Provincial Finance Department Division of International Cooperation

YNNSWC@126.COM

Wuhuashan, Kunming Yunnan, Peoples Republic of China

Timetable

Concept Clearance

17 Oct 2011

Fact Finding

25 Jun 2013 to 04 Jul 2013

MRM

06 Nov 2013

Approval

21 Mar 2014

Last Review Mission

-

Last PDS Update

19 Mar 2019

Loan 3115-PRC

<table>
<thead>
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<th>Approval</th>
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<th>Effectivity Date</th>
<th>Closing Date</th>
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<td>22 Aug 2014</td>
<td>18 Nov 2014</td>
<td>30 Jun 2019</td>
<td>31 Dec 2020</td>
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Financing Plan

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<tr>
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<tr>
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<td>ADB</td>
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<tr>
<td>Counterpart</td>
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Cumulative Contract Awards

ADB

21 Mar 2014

86.78

0.00

58%
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<th>Financial</th>
<th>Economic</th>
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<td>Satisfactory</td>
<td>-</td>
<td>-</td>
<td>Satisfactory</td>
<td>-</td>
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Project Page: https://www.adb.org/projects/45507-003/main

Request for Information: http://www.adb.org/forms/request-information-form?subject=45507-003

Date Generated: 04 June 2019

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