



# Technical Assistance Report

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Project Number: 49024-001  
Policy and Advisory Technical Assistance (PATA)  
December 2015

## People's Republic of China: Strategy for Inclusive and Green Development of Small Cities, Towns, and Villages in Jiangxi Province

This document is being disclosed to the public in accordance with ADB's Public Communications Policy 2011.

**Asian Development Bank**

## CURRENCY EQUIVALENTS

(as of 20 November 2015)

Currency unit	–	yuan (CNY)
CNY1.00	=	\$0.1567
\$1.00	=	CNY6.3821

## ABBREVIATIONS

ADB	–	Asian Development Bank
JRWD	–	Jiangxi Rural Works Department
PRC	–	People's Republic of China
SMEs	–	small and medium-sized enterprises
TA	–	technical assistance
TVET	–	technical and vocational education and training

## NOTE

In this report, "\$" refers to US dollars.

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## POLICY AND ADVISORY TECHNICAL ASSISTANCE AT A GLANCE

<b>1. Basic Data</b>		<b>Project Number: 49024-001</b>	
<b>Project Name</b>	Strategy for Inclusive and Green Development of Small Cities, Towns, and Villages in Jiangxi Province	<b>Department /Division</b>	EARD/EASS
<b>Country</b>	China, People's Republic of	<b>Executing Agency</b>	Jiangxi Provincial Finance Department
<b>2. Sector</b>	<b>Subsector(s)</b>	<b>ADB Financing (\$ million)</b>	
Public sector management	Decentralization		0.40
		<b>Total</b>	<b>0.40</b>
<b>3. Strategic Agenda</b>	<b>Subcomponents</b>	<b>Climate Change Information</b>	
Inclusive economic growth (IEG)	Pillar 2: Access to economic opportunities, including jobs, made more inclusive	Climate Change impact on the Project	Low
<b>4. Drivers of Change</b>	<b>Components</b>	<b>Gender Equity and Mainstreaming</b>	
Governance and capacity development (GCD)	Institutional development	Some gender elements (SGE)	✓
<b>5. Poverty Targeting</b>		<b>Location Impact</b>	
Project directly targets poverty	No	Rural	High
		Urban	Low
<b>6. TA Category:</b>	B		
<b>7. Safeguard Categorization</b>	Not Applicable		
<b>8. Financing</b>			
<b>Modality and Sources</b>		<b>Amount (\$ million)</b>	
<b>ADB</b>		<b>0.40</b>	
Policy and advisory technical assistance: Technical Assistance Special Fund		0.40	
<b>Cofinancing</b>		<b>0.00</b>	
None		0.00	
<b>Counterpart</b>		<b>0.10</b>	
Government		0.10	
<b>Total</b>		<b>0.50</b>	
<b>9. Effective Development Cooperation</b>			
Use of country procurement systems		No	
Use of country public financial management systems		No	



## I. INTRODUCTION

1. The Government of the People's Republic of China (PRC) has requested policy and advisory technical assistance (TA) from the Asian Development Bank (ADB) to enhance policies and planning of small cities, towns, and villages in Jiangxi province toward more balanced, inclusive, and environmentally sustainable development.<sup>1</sup> During a TA fact-finding mission on 29 August 2015, agreement was reached with the government on the impact, outcome, outputs, implementation arrangements, costs, financing plan, and outline terms of reference for the consulting services of the TA. The design and monitoring framework is in Appendix 1.<sup>2</sup>

## II. ISSUES

2. Urbanization has been a key driver of development in the PRC. The emerging urban and agglomeration economies have contributed greatly to the PRC's significant growth since the government started its opening up and reform policies in the early 1980s. The PRC's urbanization ratio increased from 19.4% in 1978 to 53.7% in 2013, and the urban population rose to nearly 700 million in 2013. The number of cities increased from 193 in 1978 to 658 in 2013, and the number of townships increased from 2,173 to 20,113 in the same period. With rural–urban migration expected to continue, the PRC's urban population is projected to grow to 816 million by 2020 and to more than 1 billion by 2030. Industrial and urban development has lifted hundreds of millions of people out of poverty and generated a growing middle class. However, significant regional imbalances and urban–rural disparities are contributing to severe socioeconomic challenges, including a growing urban–rural income gap (at a factor of 2.75 in 2014) and restricted access to education, training, jobs, health, and social security for rural people and for rural–urban migrants with rural *hukou*.<sup>3</sup> Balancing and integrating urban–rural development in the PRC and mitigating the socioeconomic disparity—including gaps in incomes, services, and infrastructure, and inequality of access to social welfare because of the dual *hukou* system—are among the key development challenges recognized by the PRC leadership and are addressed in the proposed actions of the PRC's National New-type Urbanization Plan (2014–2020).<sup>4</sup> The plan indicates a shift from development based on gross domestic product growth toward development based on quality, which includes (i) green and inclusive cities; (ii) balanced and integrated urban–rural development; (iii) city cluster development through economic and infrastructure development coordination through a central triangle city cluster anchored in Wuhan (Hubei province), Changsha (Hunan province), and Nanchang (Jiangxi province); and (iv) shift towards a more ecologically conscious and sustainable society.

3. Despite a robust agriculture sector, general development in Jiangxi lags behind other provinces in the PRC, with significant poverty in rural areas. Jiangxi has a population of 45 million, 51.1% of whom are from rural areas, and the poverty rate across the province is 5% higher than the national average. Jiangxi has 11 municipalities and urban districts, 100 county cities (small cities), about 1,400 townships, 17,000 administrative villages, and 177,000 villages. Located south of the middle reaches of the Yangtze River, Jiangxi still largely depends on its rural economy and agriculture. The province has many mountainous and hilly areas (36% of the land area) and surface water bodies (22% of the province surface area), limiting urban development potential. The Gan River and Poyang Lake are significant watershed systems that

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<sup>1</sup> The TA is included in ADB's country operations business plan as Research on the County–Town–Village Interactive Development of Jiangxi Province. ADB. 2015. *Country Operations Business Plan: People's Republic of China, 2015–2017*. Manila.

<sup>2</sup> The TA first appeared in the business opportunities section of ADB's website on 20 November 2015.

<sup>3</sup> *Hukou* is the household registration system in the PRC. Urban *hukou* holders benefit from urban welfare systems.

<sup>4</sup> Government of the PRC. 2014. *National New-type Urbanization Plan (2014–2020)*. Beijing.

serve as resources for ecosystem services and contribute to Jiangxi's economy. Jiangxi's New-type Urbanization Plan (2014–2020) aims to (i) increase the urbanization ratio from 47.5% in 2012 to 60.0% by 2020 for the urban resident population and from 27.0% in 2012 to 40.0% by 2020 for the registered household population, and (ii) remove the dual *hukou* system. The plan includes (i) the development of a core urban cluster around Poyang Lake, anchored in Nanchang and two urban corridors; (ii) the general development of small and medium-sized cities; and (iii) rural upgrading. The last two of these will be supported by the TA.

4. The development progress of small cities, towns, and villages is relatively slow, and policy planning and actions are urgently needed. The Jiangxi provincial government intends to study, plan, and develop policies to demonstrate successful approaches to (i) improve coordinated planning and systematic medium- and long-term investment programming, and integration of housing, economic, and industrial development in small cities, towns, and villages; (ii) enhance economic development; create jobs; promote farm upscaling; improve produce quality (i.e., green food); integrate value chains, food processing, and light industry; and develop the service sector in small cities, towns, and villages; (iii) upgrade infrastructure, public services, and links between and among small cities, towns, and villages; (iv) reform the dual *hukou* system and rural land policy to enable farm upscaling and land market development; (v) improve ecosystem planning and management through environmental protection, reduction of pollution from chemical fertilizers and pesticides, water source protection and water safety, and wastewater and solid-waste management; (vi) promote self-administration through enhanced management systems within local communities and governments; (vii) coordinate equal public service delivery for health, education, technical and vocational training, social security, poverty alleviation, and cultural facilities and institutions; and (viii) improve the public finance mechanism and raise funds for infrastructure, and promote enabling environments for private investments and small and medium-sized enterprises.

5. The TA is aligned with the strategic priorities of the ADB Midterm Review of Strategy 2020 and the country partnership strategy, 2011–2015 for the PRC of achieving socially inclusive and environmentally sustainable growth.<sup>5</sup> By supporting the PRC's efforts to promote better integration of urban and rural development, this TA is fully aligned with ADB's Urban Operational Plan, 2012–2020.<sup>6</sup> Further, it is in line with the key policies of the government's 12th Five-Year Plan, 2011–2015 and strategically supports key initiatives planned in the PRC's National New-type Urbanization Plan.<sup>7</sup> During the TA preparation, government counterparts discussed the TA objectives with the Jiangxi Provincial Development and Reform Commission and some of the initial key concepts of the TA will be included in the provincial 13th five-year plan, which will be further refined during the implementation of both the TA and the plan. Both the 13th five-year plan and ADB's country partnership strategy for 2016–2020 are anticipated to include inclusive and green urban–rural development as priorities, which the TA will support.

6. The 18th National Congress of the Communist Party of China and the Jiangxi Provincial 13th plenary session have identified that urban–rural integration is fundamental to resolve the key challenges of rural development. The sessions made arrangements for implementing rural reforms; streamlining urban–rural bureaucratic systems; improving urban–rural institutional development; and promoting coordinated development of large-, medium-sized, and small cities, towns, and villages as a new type of integrated urban–rural development.

<sup>5</sup> ADB. 2014. *Midterm Review of Strategy 2020: Meeting the Challenges of a Transforming Asia and Pacific*. Manila; ADB. 2012. *Country Partnership Strategy: People's Republic of China, 2011–2015*. Manila.

<sup>6</sup> ADB. 2013. *Urban Operational Plan, 2012–2020*. Manila.

<sup>7</sup> Government of the PRC, National Development and Reform Commission. 2011. *12th Five-Year Plan, 2011–2015*. Beijing.



7. The TA will build on and further develop concepts and findings on inclusive and green urban–rural development from previous and ongoing ADB loans and TA projects in Jiangxi province, the PRC, and Asia and the Pacific.<sup>8</sup> The TA will also use lessons learned from case studies presented in two 2014 workshops carried out with ADB support in the PRC.<sup>9</sup>

### III. THE POLICY AND ADVISORY TECHNICAL ASSISTANCE

#### A. Impacts and Outcome

8. The expected TA impacts will be (i) socially inclusive development in small cities, towns, and villages in Jiangxi province increased; and (ii) environmental sustainability of development in small cities, towns, and villages in Jiangxi province improved. The expected outcome of the TA will be urban–rural development policy and planning toward greater social inclusion and environmental sustainability in Jiangxi province improved by 2018.

#### B. Methodology and Key Activities

9. The TA is expected to have three outputs: (i) a development framework and investment program featuring inclusive and green economic development for small cities, towns, and villages in Jiangxi province developed; (ii) policy recommendations and a framework for institutional support structure enabling inclusive and green development of small cities, towns, and villages in Jiangxi province prepared; and (iii) capacity for inclusive, green, sustainable, and coordinated development of small cities, towns, and villages in Jiangxi province improved.

10. The TA will support (i) the preparation of a province-wide inclusive and green economic development strategy with short-, medium-, and long-term investment programs for small cities, towns, and villages that will include assessments and planning for (a) basic public and social infrastructure, such as roads and public transport, transport safety, education, health and elderly care, and convenient public service stations such as one-stop shop for registration and approvals; (b) environmental infrastructure and ecosystem services, such as water supply, wastewater management, solid-waste management, river rehabilitation and flood risk management, reforestation, and urban–rural partnership mechanisms, including eco-compensation; and (c) an enabling environment for private sector development, including urban–rural supply chain integration, local value addition including farm upscaling and product processing, green food production, light industry and service sector development, and rural finance; (ii) preparation of a policy framework that will facilitate implementation of the development strategy in all aspects of strategy and investment program; and (iii) capacity

<sup>8</sup> ADB. 2015. *Report and Recommendation of the President to the Board of Directors: Proposed Loan to the People's Republic of China for the Jiangxi Pingxiang Integrated Rural–Urban Infrastructure Development Project*. Manila; ADB. 2011. *Technical Assistance Completion Report: Provincial Development Strategies for Selected Provinces in the Central Region in the People's Republic of China*. Manila; ADB. 2014. *Technical Assistance to the People's Republic of China for Natural Disaster Risk Management in the Southern Mountain Area in Jiangxi*. Manila; ADB. 2009. *Report and Recommendation of the President to the Board of Directors: Proposed Loan and Administration of Grant to the People's Republic of China for the Shanxi Small Cities and Towns Development Demonstration Sector Project*. Manila; and ADB. 2013. *Technical Assistance for Green Cities—A Sustainable Urban Future in Southeast Asia*. Manila.

<sup>9</sup> ADB and International Poverty Reduction Center in PRC. 2014. *Rural–Urban Poverty Linkages: Papers and Presentations of the International Policy Workshop*. Hangzhou. 2–4 September. <http://www.adb.org/sites/default/files/related/20821/rural-urban-poverty-linkages-papers.pdf>  
ADB and Tongji University. 2014. *ADB–Tongji Urban Knowledge Sharing Workshop Shanghai: Balancing and Integrating Urban–Rural Development in the PRC*. Shanghai. 13–14 November. <http://www.adb.org/sites/default/files/page/82339/ukh-workshop-2014-program.pdf>

development to improve planning, implementation, and administration of the development strategy to integrate, create, and benefit from synergies among urban and rural areas.

11. The TA will prepare case studies and draw lessons from successful approaches in (i) public service, infrastructure, and physical improvement; (ii) economic development; (iii) social inclusiveness and gender equality; (iv) institutional improvement; and (v) environmental impact, as well as mitigation of and adaptation to climate change. International best practices for rural upgrading, improved rural–urban linkages, and partnerships will be prepared. Domestic training events and an international study tour of best practices in ADB member countries are planned during TA implementation. The potential risk of lack of coordination across departments will be mitigated through consultations with concerned provincial and local agencies.

### **C. Cost and Financing**

12. The TA is estimated to cost \$500,000, of which \$400,000 will be financed on a grant basis by ADB's Technical Assistance Special Fund (TASF-other sources). The government will provide counterpart support in the form of funding for training and study tours; as well as staff time, suitable office space for the consultants, data and information collection, logistical support, and other in-kind contributions.

### **D. Implementation Arrangements**

13. The TA will be implemented from 15 December 2015 to 31 December 2017. The executing agency will be the Jiangxi Provincial Finance Department. The implementing agency will be the Jiangxi Rural Works Department (JRWD). A project management office has been established under the JRWD with participation from the Jiangxi Provincial Finance Department. Counties, small cities, towns, and villages will participate through consultation. The TA will build on arrangements made and expand activities carried out by the JRWD since 2013. These included conferences on small city, town, and village interactive development and initial research into and planning for reform of Jiangxi's agriculture and rural system.

14. It is estimated that the TA will require 27 person-months of consulting services, comprising 9 person-months of international and 18 person-months of national consulting services. The consultants will be engaged by ADB through a firm in accordance with its Guidelines on the Use of Consultants (2013, as amended from time to time) using the quality- and cost-based selection method, with a quality–cost ratio of 90:10 using simplified technical proposal procedures. The proceeds of the TA will be disbursed in accordance with the *Technical Assistance Disbursement Handbook* (2010, as amended from time to time).<sup>10</sup>

## **IV. THE PRESIDENT'S DECISION**

15. The President, acting under the authority delegated by the Board, has approved the provision of technical assistance not exceeding the equivalent of \$400,000 on a grant basis to the Government of the People's Republic of China for Strategy for Inclusive and Green Development of Small Cities, Towns, and Villages in Jiangxi Province, and hereby reports this action to the Board.

<sup>10</sup> To reduce administrative burden, improve economy and efficiency, and achieve value for money, all consulting services under the TA will be engaged on output-based (lumpsum) contracts.

## DESIGN AND MONITORING FRAMEWORK

<b>Impacts the TA is aligned with:</b> Socially inclusive development in small cities, towns, and villages in Jiangxi province increased (PRC National New-type Urbanization Plan (2014–2020)) Environmental sustainability of development in small cities, towns, and villages in Jiangxi province improved (PRC National New-type Urbanization Plan (2014–2020))			
<b>Results Chain</b>	<b>Performance Indicators with Targets and Baselines</b>	<b>Data Sources and Reporting Mechanisms</b>	<b>Risks</b>
<b>Outcome</b> Urban–rural development policy and planning toward greater social inclusion and environmental sustainability in Jiangxi province improved	New provincial development strategy and policy framework for small cities, towns, and villages discussed and issued for implementation by JPG by 2018 (2015 baseline: 0)	a. JPG annual reports on urban and rural development  b. Final ADB TA review and completion reports and final TA consultant reports	JPG priorities may move away from inclusive and sustainable development of small cities, towns, and villages
<b>Outputs</b> 1. Development framework and investment program featuring inclusive and green economic development for small cities, towns, and villages in Jiangxi province developed	By 2017 1a. Development strategy, planning framework, and investment plan completed and findings presented to JPG (2015 baseline: 0)	1a. Final ADB TA review and completion reports and TA consultant reports	Lack of horizontal (cross-department) and vertical (provincial–municipal–county) coordination  Inadequate or delayed access to data and lack of cooperation among small city, town, and village levels
2. Policy recommendations and a framework for institutional support structure enabling inclusive and green development of small cities, towns, and villages in Jiangxi province prepared	2a. Policy recommendations and institutional framework document completed and findings presented to JPG (2015 baseline: 0)	2a. Final ADB TA review and completion reports and TA consultant reports	
3. Capacity for inclusive, green, sustainable, and coordinated development of small cities, towns, and villages in Jiangxi province improved	3a. At least 20 staff (at least 30% women) in JPG and at least 100 staff (at least 30% women) in Jiangxi small city, town, and village governments with new knowledge and skills in key areas, such as planning for economic development, urban–rural integration, inclusive and green development, efficient public services provision, and community participation (2015 baseline: 0, 0%)	3a. Final ADB TA review and completion reports and TA consultant reports	

<b>Key Activities with Milestones</b>	
<b>Output 1. Development framework and investment program featuring inclusive and green economic development for small cities, towns, and villages in Jiangxi province developed</b>	
1.1. Assess needs and develop strategy and investment program for basic public and social infrastructure, such as roads and public transport, transport safety, education, health and elderly care, and convenient public service stations (e.g., one-stop shop for registration and approvals), completed by October 2016	
1.2. Assess needs and develop strategy and investment program for environmental infrastructure and ecosystem services, such as water supply, wastewater management, solid-waste management, river rehabilitation and flood risk management, reforestation, and urban–rural partnership mechanisms, including eco-compensation, completed by October 2016	
1.3. Assess needs and develop strategy and investment program for an enabling environment for private sector development, including urban–rural supply chain integration, agricultural upscaling and product processing, green food production, light industry and service sector development, and rural finance, completed by October 2016	
<b>Output 2. Policy recommendations and a framework for institutional support structure enabling inclusive and green development of small cities, towns, and villages in Jiangxi province prepared</b>	
2.1. Based on international and national experiences, review and analyze policies and mechanisms that promote urban–rural integration and compare with and draw lessons for policies and programs of Jiangxi province by December 2016	
2.2. Develop draft policy and legal framework and administrative regulations that promote a strategy and enable the implementation and funding of the development strategy (output 1) by December 2016	
2.3. Prepare institutional framework, rules, and responsibilities of the participating agencies in the provinces, municipalities, counties, small cities, townships, administrative villages, and villages by December 2016	
<b>Output 3. Capacity for inclusive, green, sustainable, and coordinated development of small cities, towns, and villages in Jiangxi province improved</b>	
3.1. Organize and carry out inception, interim, and final dissemination and knowledge-sharing workshops on TA findings with participation of other concerned JPG departments and small city, town, and village governments by September 2017	
3.2. Organize at least eight training events and study tours to learn domestic and international best practices for small city, town, and village development and on community participation planning by July 2017	
<b>Inputs</b>	
ADB:	\$400,000
Note: The government will provide counterpart support in the form of funding for training and study tours; as well as staff time, suitable office space for the consultants, data and information collection, logistical support, and other in-kind contributions.	
<b>Assumptions for Partner Financing</b>	
Not applicable.	

ADB = Asian Development Bank, JPG = Jiangxi provincial government, PRC = People's Republic of China, TA = technical assistance.

Source: Asian Development Bank.

**COST ESTIMATES AND FINANCING PLAN**  
(\$'000)

Item	Amount
<b>Asian Development Bank<sup>a</sup></b>	
1. Consultants	
a. Remuneration and per diem	
i. International consultants	160.0
ii. National consultants	120.0
b. International and local travel	30.0
2. Training, seminars, and conferences	40.0
3. Surveys <sup>b</sup>	15.0
4. Miscellaneous administration and support costs <sup>c</sup>	10.0
5. Contingencies	25.0
<b>Total</b>	<b>400.0</b>

Note: The technical assistance (TA) is estimated to cost \$500,000, of which contributions from the Asian Development Bank is presented in the table above. The government will provide counterpart support in the form of funding for training and study tours; as well as staff time, suitable office space for the consultants, data and information collection, logistical support, and other in-kind contributions. The value of government contribution is estimated to account for about 20% of the total TA cost.

<sup>a</sup> Financed by the Asian Development Bank's Technical Assistance Special Fund (TASF-other sources).

<sup>b</sup> This may include case studies.

<sup>c</sup> This includes translation costs associated with each TA deliverable, as well as report editing, printing, and dissemination.

Source: Asian Development Bank estimates.

## OUTLINE TERMS OF REFERENCE FOR CONSULTANTS

### A. Introduction

1. The policy and advisory technical assistance (TA) has three main outputs: (i) development framework and investment program featuring inclusive and green economic development for small cities, towns, and villages in Jiangxi province developed; (ii) policy recommendations and a framework for institutional support structure enabling inclusive and green development of small cities, towns, and villages in Jiangxi province prepared; and (iii) capacity for inclusive, green, sustainable, and coordinated development of small cities, towns, and villages in Jiangxi province improved. The TA will be implemented from 15 December 2015 to 31 December 2017, with a draft final report to be submitted within 14 months after commencement of the consultant contract.

2. The TA is estimated to require 27 person-months of experts' inputs, comprising 9 person-months of international and 18 person-months of national consulting services. The TA will engage three international and five national specialists. The specialists will be engaged through a firm in accordance with the Asian Development Bank (ADB) Guidelines on the Use of Consultants (2013, as amended from time to time) using the quality- and cost-based selection method, with a quality–cost ratio of 90:10 using simplified technical proposal procedures.

### B. International and National Consultants

3. **City, town, and rural settlement planning specialist and team leader** (international, 4 person-months). The specialist should have a postgraduate degree or equivalent in urban and regional planning, town planning, rural settlement planning, civil engineering, or in similar field and have at least 15 years of relevant international professional experience in small city, town, and village planning; rural infrastructure; and public space planning and design. The consultant will

- (i) review national, provincial, municipal, and county policies and plans on economic and social development for urban–rural integration and small city, town, and village development programs and urban–rural integration plans;
- (ii) assess international and domestic best practices and development programs, and provide case studies and lessons on urban–rural integration in Jiangxi;
- (iii) prepare an inclusive and green economic development strategy and short-, medium-, and long-term investment programs for small cities, towns, and villages in Jiangxi, together with the consultant team;
- (iv) prepare a policy framework to facilitate the implementation of the development strategy;
- (v) discuss with the team and develop a TA implementation work plan and consultation plan to ensure high-quality TA outputs and capacity development training of concerned government agencies;
- (vi) provide detailed guidance and supervision to the international and national specialists in assessing and recommending best practices for urban–rural integration and rural development plans, programs, and policies;
- (vii) develop effective public and stakeholder information, communication, and support strategies and implement with the consulting team; and
- (viii) develop a public information strategy, facilitate workshops, and present TA findings.

4. **Urban and urban–rural infrastructure planning specialist and deputy team leader** (national, 5 person-months). The specialist should have a postgraduate degree or equivalent in urban and regional planning, town planning, rural settlement planning, civil engineering, or in similar field and have at least 10 years of relevant professional experience in infrastructure planning for small cities, towns, and villages. As deputy team leader, the specialist will work closely with and represent the team leader when needed, be the main person in the field to liaise with the government, and contribute to deliver project activities and outputs. The specialist will

- (i) locate, make available to the team, and review national, provincial, municipal, and county policies and plans on economic and social development for urban–rural integration, including economic development of rural areas and urban–rural integration and objectives for infrastructure;
- (ii) provide domestic best practice case studies for infrastructure development of small cities, towns, and villages for Jiangxi province;
- (iii) in consultation with the team leader, prepare an infrastructure strategy and short-, medium-, and long-term investment programs for small cities, towns, and villages in Jiangxi province;
- (iv) contribute to the outputs, including reports and a policy framework that will facilitate the implementation of the infrastructure development strategy; and
- (v) make arrangements for training and workshop events and contribute as trainer on infrastructure planning and prioritization of investments.

5. **Social and rural public services infrastructure planning specialists** (international, 3 person-months; national, 4 person-months). The specialists should have a postgraduate degree or equivalent in social science and/or public policy with focus on health care, education, or in similar field. The international specialist should have at least 15 years of relevant international professional experience and the national specialist should have at least 10 years of relevant experience in the People’s Republic of China (PRC) in the fields of social management, public service delivery, and social policy development in rural areas. The consultants will

- (i) obtain and review statistical data and assess demographic, social, poverty, economic, institutional, and administrative challenges and potentials;
- (ii) review national, provincial, municipal, and county policies and plans on economic and social development for urban–rural integration and small city, town, and village development programs and plans, including five-year plans;
- (iii) assess public services needs in small cities, towns, and villages in Jiangxi;
- (iv) review and assess international and domestic best practices and development programs; provide case studies; and draw lessons on social infrastructure, public services, and institutional development for Jiangxi; and
- (v) develop alternative strategies, concepts, and proposals to coordinate small cities, towns, and villages in Jiangxi and discuss with concerned government agencies.

6. **Rural environmental protection and ecosystems planning specialist** (national, 3 person-months). The specialist should have a postgraduate degree or equivalent in environmental sciences, engineering, environmental management, life sciences, or in similar field. The specialist should have at least 10 years of relevant experience in the PRC in the fields of ecosystems services valuation and environmental protection planning integrated with rural development, land use planning, environmental research, engineering, management, and environmental impact assessment. The specialist will

- (i) obtain and review environmental and ecosystems data, studies, and maps; and assess the challenges of and potentials for environmental and ecosystems protection;

- (ii) review national, provincial, municipal, and county policies and environmental protection and ecosystems management plans for urban–rural integration and small city, town, and village development programs;
- (iii) assess environmental infrastructure and ecosystems services and needs for protection and restoration in small cities, towns, and villages in Jiangxi;
- (iv) assess international and domestic best practices, and related development plans; and provide case studies and lessons for environmental protection, ecosystems services, and green infrastructure for small cities, towns, and villages;
- (v) develop alternative strategies, concepts, and specific proposals to ensure that social infrastructure and public services are coordinated in small cities, towns, and villages in Jiangxi and discuss with concerned government agencies; and
- (vi) assess training needs, develop training materials, and provide training to provincial and local environmental protection, water affairs, agriculture, and forestry bureaus, and other concerned bureaus in Jiangxi.

**7. Rural economy, rural industry, and rural supply chain planning specialist** (international, 2 person-months). The specialist should have a postgraduate degree or equivalent in regional economy, regional geography, development economy, or in similar field. The specialist should have at least 15 years of relevant international professional experience in rural economic development, urban–rural supply chain development, and light industry development in towns and villages. The specialist will

- (i) obtain and review social and economic data, studies, and maps; and assess the challenges and endogenous potentials for socioeconomic development of small cities, towns, and villages in Jiangxi;
- (ii) review national, provincial, municipal, and county economic and industrial development policies, plans, and programs for small cities, towns, and villages and for integrating their economies within the larger context as described in national, provincial, municipal, and county plans;
- (iii) assess institutional, business environment, and infrastructure needs in small cities, towns, and villages in Jiangxi from an economic development perspective;
- (iv) assess best practices and related development programs, and provide case studies and lessons for economic development and supply chain integration; and
- (v) develop alternative strategies, concepts, and specific proposals for integrated economic development (agriculture, light industry, and services) in small cities, towns, and villages in Jiangxi and discuss with government agencies.

**8. Technical and vocational education and training and entrepreneurship training specialist** (national, 3 person-months). The specialist should have a postgraduate degree or equivalent in education, public management, technical, or in similar field, and have at least 10 years of relevant experience in the PRC in the fields of education, technical and vocational education and training (TVET), curriculum development, human resources development planning, labor force planning, and management in small city and rural contexts. The consultant will

- (i) obtain and review labor force education level and skills and small and medium-sized enterprise (SME) business data, and assess the challenges of and potential for human resource development for education and training in small cities, towns, and villages in Jiangxi;
- (ii) review national, provincial, municipal, and county economic and industrial development policies, plans, and programs on economic integration, SME development, skills development, and education and TVET development in the 11th–13th five-year plans, master plans, and sector plans;



- (iii) assess the needs of education and training institutions and SMEs in small cities, towns, and villages in Jiangxi;
- (iv) review and assess international and domestic best practices and farmer entrepreneurship programs; provide case studies; and draw lessons for TVET and SMEs in small cities, towns, and villages in Jiangxi;
- (v) develop alternative strategies, concepts, and specific proposals for integrated economic development (agriculture, light industry, and services) in small cities, towns, and villages in Jiangxi and discuss with government agencies; and
- (vi) prepare labor force plan, human resource development, education, and technical and entrepreneurship training sections of the development strategy.

9. **Rural infrastructure finance and eco-compensation specialist** (national, 3 person-months). The specialist should have a postgraduate degree in infrastructure finance, environmental economics, or equivalent and have at least 10 years of relevant PRC experience in the field of management. The specialist will

- (i) obtain and review financial and economic data and studies, and assess financial strength, financial management capacity, and debt challenges of small cities, towns, villages, institutions, farmers, industries, and SMEs in Jiangxi;
- (ii) review national, provincial, municipal, and county economic and industrial development policies, plans, and programs on financing strategies, practices, and economic integration for small cities, towns, and villages as described in the 11th–13th five-year plans, master plans, and sector plans;
- (iii) assist finance departments, bureaus, and financial institutions to finance needs for infrastructure, SMEs, and eco-compensation for small cities, towns, and villages in Jiangxi;
- (iv) assess international and domestic best practices and related development programs; provide case studies; and draw lessons for infrastructure financing of SMEs, private sector and local state-owned enterprises, and eco-compensation schemes of small cities, towns, and villages in Jiangxi; and
- (v) develop alternative strategies, concepts, and specific proposals for infrastructure financing in small cities, towns, and villages in Jiangxi and discuss with concerned government agencies.

### C. Reporting and Deliverables

10. The following deliverables will be required from the consultants:

- (i) **Inception report and workshop.** To be submitted and held within the first month after commencement of TA consultant contract, summarizing initial findings and TA approach, methodology, and work plan, and suggest changes, if necessary.
- (ii) **Interim report and workshop.** To be submitted and held 6 months after commencement of the TA consultant contract.
- (iii) **Draft final report and final workshop.** To be submitted and held within the 14th month after commencement of the TA consultant contract. It will include all components required in the study and cover all aspects of the TA implementation.
- (iv) **Dissemination workshop.** The workshop will be held within 1 month after submission of the draft final report to present TA findings and recommendations.
- (v) **Final report.** To be submitted within 1 month after the dissemination workshop. The consultants will incorporate comments from stakeholders. An executive summary and knowledge product will also be submitted.