Demonstration of Guangxi Elderly Care and Health Care Integration and Public-Private Partnership Project

The proposed project aims to support Guangxi Zhuang Autonomous Region (GZAR) to promote, coordinate, and deliver integrated elderly care and health care services to provide continued care for those in need. It will serve as a demonstration for the People's Republic of China (PRC) of an integrated elderly care and health care system and will be the first project in GZAR to introduce internationally accepted public-private partnership (PPP) principles and standards in the elderly care sector.

In an aging society, elderly people tend to be readmitted to hospital because of lack of appropriate elderly care institutions that allow them to transition back to their homes. However, it would be difficult for families to provide adequate care for elderly people who are discharged from hospitals and still require medical and elderly care services. Inadequate care at home can cause further health problems, which may require readmission to hospital. Frequent transitions between hospitals and homes or long stays in hospitals further reduce the functional abilities of the elderly.

In the PRC, more than 100 million elderly people had at least one chronic disease in 2013. The burden of chronic disease is expected to increase by 40% by 2030 from the status of 2013. The number of elderly people with multiple chronic conditions is also increasing significantly in the PRC. Those elderly people would require post-acute care and rehabilitation to restore or stabilize their functionality after discharge from hospital as well as elderly care. A coordination system, linking the acute phase care, post-acute phase care, rehabilitation, and elderly care in an effective and efficient way, is at the core of integrated health and elderly care. Such a system needs to ensure smooth linkage of care services across the elderly care and health care sectors. To create a coordination system, a functional hospital discharge management system needs to be established. The discharge management system will (i) clarify care needs after hospitalization, including needs for medical care, medication, rehabilitation, and elderly care; and (ii) identify where and how an elderly person can access his or her needed care. Such individualized care plans should be prepared based on discussions with the elderly people, their families, medical experts, therapists, social workers, and elderly care experts. Further, it is necessary to strengthen the elderly care service capacity to meet a range of care needs. The integration of health and elderly care will provide seamless care services across the two sectors based on needs, and avoid using medical resources for the elderly care service provision.

Enhanced private sector involvement is vital to fill the gap in supplying coordinated elderly care and health care services. Quantity of private providers varies greatly across localities, and no scheme has been established to ensure their quality. Considering substantial increase in care needs due to rapid aging of the population, it would be unrealistic for the public sector to be the main provider of care services. Meanwhile, the public sector needs to take responsibility for establishing standardized care needs assessment and service quality monitoring systems. The private sector could bring its knowledge and experience to better design facilities, engage skilled staff, and provide efficient services under the guidelines and regulations set by the public sector. Such alignment of responsibilities is not yet clearly established in the PRC elderly care sector.

The Government of the PRC has recognized the importance of integrated elderly care and health care services to respond to its rapidly aging population, and issued a related policy in 2015. In line with the central policy, the Government of GZAR (GGZAR) in 2016 issued policies on the implementation of elderly care and health care integration, and for enhancing the involvement of the private sector in care service provision for elderly people. While the GGZAR issued those policies, it has limited experience and capacity in promoting the integration of elderly care and health care, and private sector involvement in the coordinated care service provision. In order to build the institutional capacity and system, the municipalities of Nanning and Hezhou were selected as pilot cities for elderly care and health care integration in 2017. In the same year, people aged 65 years and above were 0.8 million and 0.2 million in Nanning and Hezhou municipalities which account for 11.4% and 10.1% of the population, respectively. More than 85% of those elderly people have at least one chronic disease and about 60% have multimorbidity. The integration of elderly care and health care is necessary to provide needed care services for those elderly people. However, most elderly patients directly return home after discharge from tertiary level hospitals. A functional coordination system is not established between hospitals and elderly care facilities in those municipalities. The inter-sectoral coordination among bureaus, such as the civil affairs bureaus and the health commission, needs to be established.

Impact
Integrated elderly care and health care services in Guangxi Zhuang Autonomous Region established
### Project Outcome

**Description of Outcome**
Utilization of coordinated health care and elderly care services in Guangxi Zhuang Autonomous Region increased

**Progress Toward Outcome**
ADB, OPPP, and Guangxi PMO have been closely working on the timeline to achieve the indicator.

### Implementation Progress

**Description of Project Outputs**
Coordinated care services and facilities improved
Public-private partnership project for integrated elderly care and health care services provision developed
Management and policy development capacities in promoting integrated elderly care and health care services developed

**Status of Implementation Progress (Outputs, Activities, and Issues)**
To be assessed at completion.
To be assessed at completion.
To be assessed at completion.
To be assessed at completion.
To be assessed at completion.
To be assessed at completion.
To be assessed at completion.

### Geographical Location
Guangxi

### Safeguard Categories

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### Summary of Environmental and Social Aspects

#### Environmental Aspects
An initial environmental examination (IEE), including an environmental management plan (EMP), was prepared for five elderly care facilities and a medical facility, and was disclosed on the ADB website in June 2019. The IEE concluded that the anticipated environmental impacts can be mitigated through effective EMP implementation. During construction, impacts anticipated including noise, air pollutants, demolition waste, and risk to community and occupational health and safety are localized and short-term and can be effectively mitigated by implementing good construction practices. Contractors will address management of wastewater and drainage, medical waste, and their linkage with associated facilities, as required in the IEE and EMP. The EMP lists mitigation procedures that must be strictly followed in compliance with PRC regulations and ADB guidelines. The executing agency has confirmed its commitment and capacity to implement the EMP. Further capacity building is proposed in the EMP. It will assign a safeguards officer within the GPMO to supervise effective implementation of the EMP. The procedures, reporting timelines, and roles and responsibilities of relevant agencies are described in the EMP. Environmental complaints will be handled in accordance with the grievance redress mechanism established for the project by the GPMO.

#### Involuntary Resettlement
The project requires 11.38 hectares (ha) of land, comprising 4.94 ha of rural collective lands and 6.44 ha of state-owned lands. Rural collective lands will be acquired for the second elderly care facility under the Hezhou People's Hospital subproject and will affect 56 households with 296 persons in Xiaodao village, of which 26 households with 152 persons will be significantly impacted because of house demolition. The income losses for households with land impacts has been assessed to be insignificant, with less than 1% of their household incomes affected. A draft resettlement plan was prepared following the laws and regulations of the PRC, GZAR, and Hezhou Municipality; and ADB’s Safeguard Policy Statement (2009). HMG will be responsible for paying compensation and assisting affected persons before land acquisition and relocation. The other five facilities will be located on state-owned lands, and the resettlement due diligence confirmed that there is no past nor present concerns related to involuntary resettlement. During project implementation, the GPMO and resettlement management staff of implementing agencies and PIEs will be trained in involuntary resettlement procedures. A grievance redress mechanism has been established, and an external agency will be engaged for semiannual resettlement monitoring and evaluation.

#### Indigenous Peoples
In subproject areas of Nanning Municipality, ethnic minorities account for 50% of the total population. In the subproject area in Pinggui District, Hezhou Municipality, they account for 2% of the total population. The Zhuang is the dominant ethnic minority in Nanning while the Yao is the dominant ethnic minority in Hezhou. Ethnic minorities live in harmony with others and anticipate no obstruction or discrimination in accessing improved elderly care and health care services under the project. The subprojects will not adversely affect their community identities, beliefs, religions, or customs. Therefore, an ethnic minority development plan to ensure that they receive improved elderly care services and health services is not required.

### Stakeholder Communication, Participation, and Consultation

**During Project Design**
From December 2018 to February 2019, 2,000 persons were interviewed, 8 consultations with government agencies and 5 focus group discussions were held, and 12 key informant interviews were conducted. The civil affairs bureau, poverty alleviation office, health commission, human resource and social security bureau, and Xiaodao village committee took part in the consultations.

**During Project Implementation**
During project implementation, consultations will be conducted to (i) increase elderly people's awareness of coordinated elderly care and health care services, (ii) strengthen the understanding of necessary cross-sector coordination among relevant bureaus, and (iii) improve the accessibility of elderly who need coordinated elderly care and health care services.

### Business Opportunities

**Consulting Services**
All consulting services will be undertaken in accordance with ADB's Procurement Policy (2017, as amended from time to time) and Procurement Regulations for ADB Borrowers (2017, as amended from time to time). Details are below:
- Quality-cost based selection (implementation support) - 142.5 person-months
- Quality-cost based selection (construction supervision) - 320.0 person-months
- Consultants’ qualification selection (external monitoring) - 28.0 person-months
- Consultants’ qualification selection (technical capacity) - 120.0 person-months
- Individual consultant selection (technical capacity) - 20.0 person-months

**Procurement**
All procurement of goods and work will be undertaken in accordance with ADB’s Procurement Policy (2017, as amended from time to time) and Procurement Regulations for ADB Borrowers (2017, as amended from time to time). Details are below:
- Open competitive bidding with national advertisement - 18 contracts
- Open competitive bidding with international advertisement - 1 contract

### Responsible ADB Officer
Shiroishi, Hiroko Uchimura

### Responsible ADB Department
East Asia Department

### Responsible ADB Division
Urban and Social Sectors Division, EARD

### Executing Agencies
- Government of Guangxi Zhuang Autonomous Region, through Guangxi Foreign Loans Project Management Office
  GXFOPPMO@163.COM
  18th Floor, Guangxi Development Plaza
  East Building, No. 111-1 Minzu Avenue
  Nanning, Guangxi

- Government of Hezhou Municipality, through Hezhou Foreign Loans Project Management Office
  HZFOPPMO@163.COM
  18th Floor, Hezhou Development Plaza
  East Building, No. 111-1 Minzu Avenue
  Nanning, Guangxi

- Government of Guangxi Zhuang Autonomous Region, through PRC-EU Community Development Project Management Office
  GXCEUPPMO@163.COM
  18th Floor, Guangxi Development Plaza
  East Building, No. 111-1 Minzu Avenue
  Nanning, Guangxi
Loan 3819-PRC

Milestones

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Project Page

https://www.adb.org/projects/50391-001/main

Request for Information

http://www.adb.org/forms/request-information-form?subject=50391-001

Date Generated

04 October 2020

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