

Improvement in Urban Living Environment in Cambodia

JICA's contribution towards sewerage and drainage improvement in Phnom Penh Capital City



Located in Southeast Asia, Phnom Penh is often subject to flooding and drainage problems as a result of heavy seasonal rain. Given this situation, JICA identified Flood Protection and Drainage Improvement as one of the top priorities for ensuring and improving people's living conditions in urban areas. JICA has been assisting Phnom Penh Administration to conduct Study on Flood Protection & Drainage Improvement and later updated to the Master Plan identifying priorities for drainage improvements. Projects to date include: the Project for Flood Protection and Drainage Improvement (Phase I, II and III) covering Southeast, Northeast, and Center areas of the city.

After updating the Master Plan in 2016, the Project for Flood Protection and Drainage Improvement in Phnom Penh Capital City (Phase IV) was granted in 2017. The construction of drainage in amount 36 million US Dollars in Grants is on-going around

Wat Phnom Northern Area and Toul Kork Area, and is estimated to benefit approximately 200 thousand residences in total.

JICA is also assisting to build capacity of officials to effectively manage, operate & maintain the facilities through "the Project for Capacity Development for Sewerage Management of Phnom Penh Capital. Since April 2019, three Japanese Experts have been dispatched to work at Department of Public Work and Transport and Phnom Penh Capital Administration and as well as the Ministry of Public Work and Transport to strengthen legal & institutional framework for sewerage management. JICA Experts have respectively carried out activities including revision of draft Law and Sub-decree, and held series of meetings to discuss the issues and needs, and ways forward for better sewerage management in Cambodia.

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MITIGATING TRAFFIC CONGESTION AND IMPROVING TRAFFIC OPERATION IN PHNOM PENH CAPITAL CITY

Inauguration of Traffic Management System



Traffic Control Center at PPCA

The Project for Development of Traffic Management System was implemented under the Japanese grant aid amounted of 1,727 mill. Japanese Yen (Approx. 16 mill USD), from March 2016 to February 2019. The Project included the installation of 115 new traffic signals at selected intersections (inclusive of 64 inner city signalized junctions out of 69 existing signalized junctions in Phnom Penh)

equipped with image detectors, CCTV cameras, and a centralized Traffic Control Center, together with a computerized signal control and surveillance system capable of online and real time control function. The Traffic Control System consists of roadside equipment installed at target intersection, server system installed at traffic control center and data communication network that

connects roadside equipment with the central equipment.

Most of the previous traffic signals in Phnom Penh were isolated signal control and each of them was individually operated using and independent display pattern, which were not able to effectively respond to the changing traffic pattern especially during the peak hours and then caused to the serious traffic congestion at each intersection. The newly installed traffic management system has significantly contributed to mitigating traffic congestion and can help improving smooth traffic operation and better living environment in Phnom Penh. It is expected that travel speed will be increased from 12.5 to 14.2 km/h and reduction of dispatching of traffic police and traffic accidents in the city.●

Strengthening Administrative Capacity of Urban Water Supply

Activities of Expert from Waterworks in Japan

Knowledge Sharing by Experts

Japanese Experts dispatched from Kita-Kyushu City, one of local governments in Japan, are playing significant role in JICA's projects for water supply system in Cambodia and most of them have more than 10-year experience in waterworks and water treatment plants. In the beginning of September 2019, they visited Siem Reap to inspect private waterworks to check condition of water treatment plants installments and test water quality and make recommendations for meeting the governmental requirements of operation.

Voice from Experts

Japanese Experts are sharing their knowledge based on their expertise and experience in Japan. Meantime, they are learning so many things in Cambodia. One of them said, "When I began to work for waterworks, most facility had been well developed almost in the same way. Only thing I could do was to maintain them." Most facilities will be developed from the beginning in Cambodia. I think waterworks in Cambodia have various options and potentials". Experts supposed to broaden their perspective through their activities in Cambodia.●

JICA IN THE MEDIA

“រដ្ឋមន្ត្រីក្រសួងកិច្ចការនារី ស្នើឲ្យអង្គការ JICA បន្តពង្រឹងកិច្ចសហប្រតិបត្តិការ លើគម្រោងបង្កើនភាពអង់អាច ផ្នែកសេដ្ឋកិច្ចដល់ស្ត្រីនៅកម្ពុជា”

Fresh News

23 July 2019

“រដ្ឋាភិបាលគ្រោងចំណាយថវិកាចំនួន ១,៨៤៣លានដុល្លារ លើគម្រោងថែទាំអាកាស និងក្រោមដីនៅក្រុងភ្នំពេញ”

Property Area

2 September 2019

CALENDAR

JULY

- 4** The 3rd JCC Meeting for PiBO Project (City Bus-TCP)
- 16** The 1st OC Meeting for JDS Project
- 26** The 3rd JCC Meeting for MARDeC Project

AUGUST

- 8** Construction Completion Ceremony for Traffic Lights Project in Phnom Penh
- 16** JCC Meeting for IINeoC Project
- 20** The 3rd JCC Meeting for RSP Project
- 30** ENJJ Meeting for Education and Industrial HRD Sector

SEPTEMBER

- 12** The 1st JCC Meeting for Wastewater Improvement Project
- 16** JCC Tonlesap Lake (SATREPS)
- 17** PE Teacher's Manual for Lower Secondary School Completion Ceremony (JPP-Heart of Gold)

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Universal and Equitable Access to Safe Drinking Water – Clean Water –

JICA's supports in improving water supply facilities and strengthening administrative capacity of water supply in Cambodia.



Water Supply Facilities of Phnom Penh Water Supply Authority

Safe drinking water and basic sanitation is a basic human right. The Sustainable Development Goal (SDG), the Goal 6, sets to achieve universal and equitable access to safe and affordable drinking water for all by 2030. In parallel, the Royal Government of Cambodia (RGC) has set an ambitious goal to achieve, by 2025, 100% population access to clean water.

JICA has been supporting water supply sector in Cambodia since 1993, and Phnom Penh Water Supply Authority (PPWSA) is the first grant receiver from JICA. In addition, JICA has also provided many grant aid projects to the Ministry of Industry and Handicraft (MIH) and its provincial waterworks including Siem Reap Water Supply Authority (SRWSA). Its development modality in the sector is diverse and unique in nature compared to other development partners, comprising of Grant Aid, Technical Cooperation and Yen Loan projects.

To date, JICA has successfully implemented many projects under the above schemes. In Phnom Penh where PPWSA is responsible for sup-

plying water, JICA has assisted many projects such as the project for expansion of Phum Prek Water Treatment Plant and the project for Niroth Water Supply. In parallel, JICA has also assisted several water supply projects in different major provincial cities. For instance, the construction of water supply system (water treatment plant, pipe water, administration building, small-scale laboratory etc.) in Kampong Cham, Battambang, Siem Reap, Kampot, Pursat, and Sihanoukville were successfully completed. In total, six water treatment plants and more than 350 km of pipes were built.

In addition to the physical infrastructure supports, which are the precondition for producing clean and safe water, JICA has also implemented technical cooperation projects. The projects for capacity building for water supply system (phase 1, 2 & 3) focusing on technical, managerial, financial and regulatory aspects for the smooth and sustainable operation of the water utilities were successfully completed.

Synergizing JICA's cooperation with

other DPs' supports and with its own efforts and leadership, PPWSA is now becoming one of the best performance utilities in the world, known as the "Miracle of Phnom Penh". It is partly a fruit of JICA's assistance. Moreover, all of the provincial public waterworks under MIH, which has rarely happened in the past, can now operate the utilities with positive cash flow. However and along with these significant achievements, the water supply sector in Cambodia is still facing pressures, particularly the rapid urbanization and large labor inflow to the city as well as the growing climate change related events. These issues are challenging RGC to provide adequate supplies of clean water to populations with its limited resources.

As one of the main players in the field, JICA will continue to support RGC's efforts to achieve its stated policies and goal. JICA will utilize its accumulated experiences and lessons learned from its cooperation in developed and developing countries and will partner with PPWSA and Kitakyushu city to further expand the high-level management & technical knowhow to other water supply utilities in Cambodia. Presently, JICA is implementing a four-year technical cooperation project to strengthen the administrative capacity of urban water supply in Cambodia. The purpose of this project is to enhance the capacity of the General Department of Potable Water Supply of MIH to formulate and enforce the rules and regulations in water supply sector in Cambodia. For infrastructure project, JICA is financing a 60,000 m³/day-project using its Yen Loan scheme to expand the water supply system in Siem Reap province. At the same time, JICA is also planning to construct water supply system in Pursat province and Takhmao city, Kandal province. ●

International News

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Contributing to improvement of financial access and poverty reduction for women in Asia

On September 3rd, JICA signed a contract to commit an additional investment in the "JAPAN ASEAN Women Empowerment Fund ("Fund")", which is managed by BlueOrchard Finance Ltd. JICA has already invested \$30 million in this Fund after concluding the commitment agreement in September 2016, and JICA will make an additional investment of up to \$30 million in response to the request for capital increase of the Fund. Sumitomo Life Insurance Company, Sasakawa Peace Foundation and Japan Bank for International Cooperation (JBIC) will participate in this capital increase.

Many of the challenges surrounding women in developing countries are due to gender-related inequalities, such as poverty, education, marriage, childbirth, and illness, and gender disparity, thus women's empowerment are major development issues for developing countries, including one of the Sustainable Development Goals (SDGs). (Providing assistance in women's empowerment is stated as a key

area in the Priority Policy for Development Cooperation for ASEAN countries of the Japanese Government. JICA prioritizes and develops the promotion of women's economic empowerment through the improvement of women's access to funds for economic activities. Also, on the occasion of the G7 Charlevoix Summit (Canada), JICA participated in "The G7 2X Challenge: Financing for Women", which, together with the each G7 country's development financial institutions, aims to mobilize \$ 3 billion by 2020.

The purpose of this Fund is to contribute to the empowerment of women through the improvement of financial access for low-income women in the region by expanding financing to microfinance institutions focusing on the empowerment of women in Asia, particularly in ASEAN countries. The Fund currently supports more than 200,000 micro, small and medium enterprises by through its investees, and the average female client ratio of the investees reaches 91%. Further development impact is expected

through this capital increase of the Fund.



Female entrepreneurs supported by the Fund Bought a crossbreed cow that can produce high value-added milk. The sale of the milk improved her income, and enabled her children to attend school.

Moreover, JICA's investment in the Fund through its Private Sector Investment Finance is expected to play a catalytic role as public investment so as to reduce the risk and promote private investment in the area of promoting gender equality.●

https://www.jica.go.jp/english/news/press/2019/20190904_10_en.html

JICA President held talks with Le Houérou, CEO, IFC

On August 26, JICA President Shinichi Kitaoka met with Philippe Le Houérou, Chief Executive Officer of the International Finance Corporation (IFC) at JICA headquarters. Mr. Le Houérou was visiting Japan to attend the seventh Tokyo International Conference on African Development (TICAD7) as a head of the delegation of the World Bank Group. At the outset, Dr. Kitaoka adopted 'the Operating Principles for Impact Management' established by the IFC. Then, he explained that the basic concept of 'the Operating Principles for Impact Management', such as private enterprise investments resulting not only in economic profit but also promoting positive social and environmental change, have been included

in JICA's private sector investment finance since the beginning. Thus, JICA is able to contribute actively to further improvements of these principles. Mr. Le Houérou sympathized with the stance of Japanese companies that place emphasis on social responsibility, expressing his intention to work with Japanese companies in collaboration with JICA. The two exchanged ideas on the possibilities of collaboration for revitalizing private finance mobilization in developing nations, touching on the possibilities and challenges that Africa faces. JICA continues to contribute actively to the achievement of SDGs by supporting the private sector in line with the Operating Principles for Impact Management along with the IFC.

Contact Us

News from Cambodia is a quarterly newsletter which focuses on JICA's international perspectives and its involvement in local economic development. This newsletter details the work of JICA in Cambodia.

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JICA (Japan International Cooperation Agency) is the world's largest bilateral aid agency providing various forms of assistance in over 150 countries around the world.