

JICA Assists to Renovate Chroy Changwar Bridge

Grant assistance from Japan to renovate the oldest bridge of Cambodia connecting Phnom Penh to major provinces.

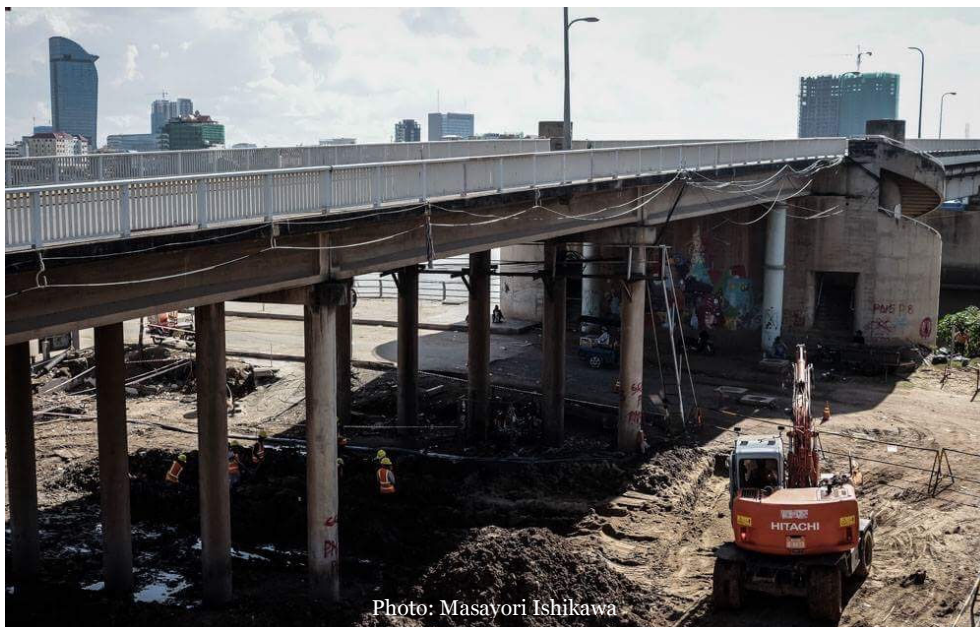


Photo: Masayori Ishikawa

Chroy Changwar Bridge has total length of 709 meters across the Tonle Sap river constructed in 1963 under technical assistance from Japan, but it was almost destroyed by the civil war in 1970s. Then the bridge was reconstructed by grant assistance from Japan in 1992 and reopened in 1996 which is an important economic corridor connecting the capital of Phnom Penh to other provinces of Cambodia. Later, it was named Cambodia-Japan Friendship Bridge. Until now, the bridge has never been renovated, and degradation was observed at the points of both supporting sections of the bridge.

For this reason, the government of Cambodia has requested JICA to conduct the assessment in 2014 to assess the overall situation of the bridge. Referring to the results of the assessment, the bridge cannot withstand heavy truck transport and needs urgent renovation to avoid any unexpected acci-

dents.

The bridge was completely closed on October 1, 2017 for the renovation under \$33 million grant assistance from the government of Japan by using Japanese technology and the construction expects to be completed by June 2019.

Based on the post-construction assessment, the bridge will facilitate citizen travelling, reduce traffic congestion and enhancing economic activities by transporting products passing through this bridge toward the capital of Phnom Penh.

Reducing traffic accident is an important part of the bridge development project which JICA in collaboration with relevant authorities to work out to avoid any accidents may occur during the construction.

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Development of PAS by Japanese ODA Loan



Sihanoukville Port Multipurpose Terminal

Phnom Penh City Bus



Bus provided by Japan to the Phnom Penh Autonomous Bus Transportation Authority

Stable Power Supply in Phnom Penh



Power Transmission and Distribution Tower

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TRAFFIC MITIGATION IN PHNOM PENH CITY

Project for Development of Traffic Management System

Project was prioritized in the Phnom Penh Urban Transport Master Plan 2035 and the installation of 100 new traffic signal.



By installing 100 new traffic signals in Phnom Penh with a centralized traffic control center, new system contributes to mitigate the traffic congestion and smooth improvement of traffic operation and urban living environment in Phnom

Penh. The Traffic Control Center (TCC) has capacity to control 500 traffic signals.

Traffic control system consists of the roadside equipment installed at the target intersection, server system installed at the

traffic control center and the data communication network that connects roadside equipment with the central equipment.

Traffic control system is a system that controls traffic signals. Several control levels are set. The levels are divided into two groups; central control by the control center and isolated control at the intersection, in which each signal operates independently. Normally, the central control is more efficient than isolated control

JICA has provided 1.727 billion JPY (Approximately 16 million USD) grant assistance to the government of Cambodia to implement this project.



Infrastructure Development by Japanese ODA in Cambodia Main Road for ASEAN Connectivity

The government of Japan through JICA has been providing the Japanese ODA loan to Cambodia for the improvement of National Road No.5. The total length covered by the project is 366.03km starts from Prek Kdam to Poi Pet. The construction covers the widening of existing road from 2 to 4 lanes with 3 meters median, and construction of bypasses at 5 locations. This project was divided into 3 parts. The first part, North Section (Battambang - Sri Sophon), second part, South Section (Prek Kdam - Thlea Ma'am), and third part, Middle and Ending Section (Thlea Ma'am - Battambang and Sri Sophon - Poi Pet).

The construction of North Section with total length of 84.74km from Battambang to Sri Sophon has started since February 2017 and will be completed by March 2020 with total budget of 185 million USD which is being divided into two packages. The overall progress of construction work for package 1 is 29.1% while package 2 is 23.2% as of July 2018.

After completion, National Road No.5 will play a critical role in developing Cambodia's economy via providing mutual services delivery of goods, as well as travelers, especially contributing to the poverty reduction.

JICA IN THE MEDIA

“អគ្គិសនីកម្ពុជា ពង្រីកការវិនិយោគបន្ថែម លើប្រព័ន្ធខ្សែបញ្ជូន និងបណ្តាញចែកចាយអគ្គិសនី ដើម្បីកាត់បន្ថយហានិភ័យដាច់អគ្គិសនី ក្នុងរាជធានីភ្នំពេញ”

Fresh News
10 May 2018

“កម្ពុជា និង JICA រួមគ្នាពិភាក្សាលើការចុះបញ្ជី និងពិនិត្យលក្ខណៈ បច្ចេកទេសយានយន្ត”

Deum Ampil
6 June 2018

“កិច្ចប្រជុំគណៈកម្មការសម្របសម្រួលរួមលើកទី៥(4th JCC)”

The AKP
7 June 2018

CALENDAR

APRIL

3 JCC on Informal Sector Health Insurance Project

MAY

9 1st JCC on Container Terminal Management Project of SHV Port

21 Ground-breaking ceremony for NR5 South Section

JUNE

6 4th JCC on Vehicle Registration and Inspection Project

8 2nd JCC on Improvement of Public Bus Operation in Phnom Penh

JULY

AUGUST

SEPTEMBER

14 The 2nd JCC Meeting on Project for Improvement of Marin Aquaculture Seed Production Technique

25 The 3rd JCC Meeting on IINNeoC

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PORT MULTIPURPOSE TERMINAL DEVELOPMENT PROJECT

Development of Sihanoukville Port by the Japanese ODA Loan

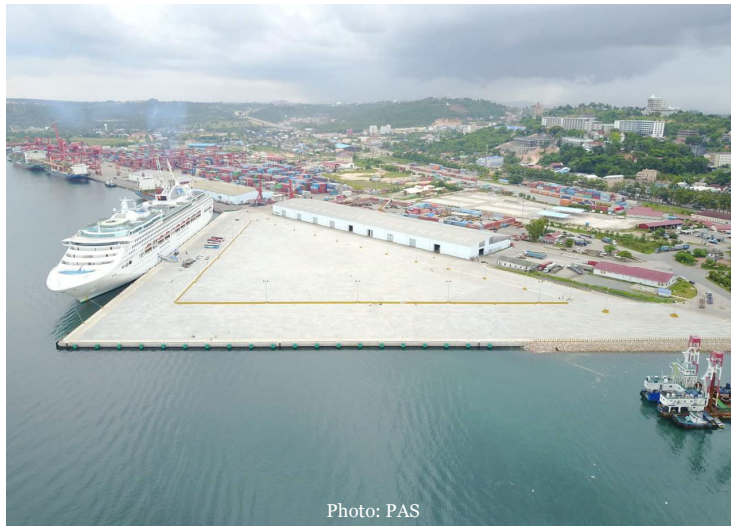


Photo: PAS

The government of Japan through JICA has been contributing to the development and expansion of Sihanoukville Port both hard and soft aspects since the early 1990s. Since then, JICA has become a main partner in port development. Port development cooperation has been regarded as strategic interest and a successful story by the gov-

ernments of both countries. When Sihanoukville Port Authority (PAS) was listed on the Cambodia Security Exchange in 2017, JICA bought PAS's stakes and became the largest private shareholder which has contributed to raises of cooperated values of the port. PAS built in 1956 and resumed its business operation after the end of

Pol Pot regime in 1979 by utilizing small based direct labor force, human resources, minor equipment and machinery to perform its cargo and container handling operation and transport.

On June 25, 2018, under the Japanese ODA loan, multipurpose terminal was officially opened for use. The development the terminal with a depth of 13.5 meters will enable port to accommodate growing freight demand and larger size of the ships calling to Cambodia. Moreover, by utilizing Japanese ODA loan, PAS has planned to construct new container terminal with the length of 350 meters and depth of 14.5 meters, which is expected to be completed by 2024.

The expansion of port development will lead to further promotion of Cambodia's economic growth and boost in the international competitiveness of the port. JICA will continue cooperation in port expansion in order to contribute to social and economic development of the country through varieties of modalities such as grant, technical cooperation and concessional loans. ●

Phnom Penh City Bus

JICA supports to mitigate traffic congestion in capital

Phnom Penh City Bus is the first public transport service in Cambodia which the operation was started in 2014.

With the supports from JICA, the city bus services, which are managed by City Bus Authority (CBA), has expanded from 3 lines to 8 lines, and it continues to expand up to 13 lines from 1st October 2018 to respond increased demand of the service.

In addition to the technical support, through Japanese grant aid pro-



Photo: Masayori Ishikawa

ject, JICA has provided 80 buses to CBA, in which 41 buses have arrived Phnom Penh and the remaining amount will be delivered by December 2018. It is expected that 80 units of Japanese buses will smoothly serve the operation of 13 lines public bus service in Phnom Penh. ●

Support for a Stable Power Supply in Phnom Penh

On May 28, JICA signed 9.216 billion yen loan agreement with the Government of the Kingdom of Cambodia for the Phnom Penh City Transmission and Distribution System Expansion Project (Phase 2).

The project will increase the number of substations and expand the transmission and distribution network in Phnom Penh to stabilize the power supply in the metropolitan region.

Due to stable economic

growth in recent years, the demand for power has risen in Cambodia. Although the operation of large-scale power plants has advanced, increasing the amount of power produced, the capacity of the power transmission and distribution facilities in the Phnom Penh metropolitan area is inadequate. In addition, there is lack of system control, resulting in widespread effects during power outages, which require a long time for restoration. ●

International News

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JICA Project Members Honored with Medals of Honor from the King of Thailand

The recognition of assistance during Tham Luang cave search and rescue operation.

On September 7, three people with ties to the Japan International Cooperation Agency (JICA) received the Most Admirable Order of the Direkgunabhorn in Thailand from King Rama X of Thailand for assistance in search and rescue efforts during the Tham Luang cave rescue in June.

Among the three Japanese people receiving the honor was Shigeki Miyake, Senior Representative of the JICA Thailand Office, who went to the site to assist in the search and rescue operation. The Most Admirable Order of the Direkgunabhorn was established as a national order by former Rama IX in 1991 and is conferred on people rendering distinguished service to Thailand or its people. The award bestowed on this occasion was the Member of the Most Admirable Order of Direkgunabhorn, the fifth class of the order. The three honorees provided technical advice on efficient methods for draining cave water and mud in connection with cooperation being provided by the Japan Aerospace

Exploration Agency (JAXA), Electric Power Development Co. Ltd. (J-POWER) and JICA expert on global positioning system (seconded from the Geospatial Information Authority of Japan).



Honorees with a portrait of Rama IX and Prime Minister Prayut (Photo courtesy of Ministry of Foreign Affairs of Thailand)

The activities they engaged included providing the radar topographical maps created with satellite data at maximum picture resolution from the Advanced Land Observing Satellite 2 and dispatching Kubota pumper truck that had been provided to Thailand by Japan in the past. The honorees came together as a Japanese team during their efforts to support the search and rescue

operation of the Government of Thailand.

The three attended the award ceremony with honorees from other countries at the Government House of Thailand in Bangkok, the capital city. The awards were conferred in the presence of Prime Minister Prayut Chan-o-cha and other government officials of Thailand, Shiro Sadoshima, Ambassador Extraordinary and Plenipotentiary to Thailand, and other embassy and government officials from various countries.

At JICA, the safe rescue of all the people trapped in the cave is considered to be a success resulting from the concentrated cooperation of all who participated in the search and rescue operation from Thailand, Japan and other countries around the world. We would like to extend our respect to all who participated and to thank everyone in Japan who reached out in encouragement of the efforts. ●

https://www.jica.go.jp/english/news/press/2018/20180918_03.html

Japanese ODA Loans to Viet Nam

The first public-private partnership between Japan and Viet Nam to boost the international competitiveness.

The Lach Huyen International Port Infrastructure Construction Project, which has provided ODA loans to support the port construction, is the first public-private partnership project between Japan and Viet Nam, and was established and implemented under a strategic partnership between both countries with the leadership of both prime ministers. JICA has provided Japanese ODA loans totaling 114.12 billion yen (port portion: 65.262 billion, road and bridge portion: 48.858 billion yen) between 2011 to the present and, as

Special Terms for Economic Partnership, outstanding Japanese technologies including a ground improvement technique (cement deep mixing [1]) to reduce the work time and steel pipe sheet pile foundations [2] were utilized to advance the infrastructure construction.

Lach Huyen International Port was constructed as an international deep harbor in Haiphong, the gateway to the northern economy of Viet Nam, capable of meeting the growing freight demand and the increasing size of ships. ●

<https://www.jica.go.jp/english/news/press/2018/18051602.html>

Contact Us

News from Cambodia is a quarterly newsletter which focus 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.