

Construction Project Category (First Prize)

East-West Road Improvement Project (N-70) Pakistan TAISEI CORPORATION, CTI Engineering International Co., Ltd.

- ▶ Contributed to the strengthening of the western corridor (between Pakistan and Afghanistan) against natural disasters while enhancing the overall capacity of the corridor.
- ▶ Reduced costs and created jobs in the region by effectively combining the advantages of Japanese engineering and local construction methods.



Construction Project Category

MRT Downtown Line 3; Bedok North Station, Mattar Station, Bencoolen Station and Associated Tunnels Singapore SATO KOGYO CO., LTD.

- ▶ Three technologically difficult construction packages were completed with “made by Japan” technologies, such as those involving deep excavation in an urban area, shield tunneling under complicated soil conditions, and large-scale excavation in a residential area.



The Project for Construction of New Thaketa Bridge Myanmar Nippon Koei Co., Ltd., TOKYU CONSTRUCTION CO., LTD., TOYO CONSTRUCTION CO., LTD., IHI Construction Service Co., Ltd.

- ▶ Replacement work of a major bridge connecting the city center of Yangon and the special economic zone located in the south.
- ▶ The new bridge has accelerated the development of the country by improving traffic situation and safety, as well as by transferring advanced technologies to local engineers.



Three Runway System Project C3201 - Deep Cement Mixing Works (Package 1) Hong Kong Special Administrative Region PENTA-OCEAN CONSTRUCTION CO., LTD. (Representative of Penta-Ocean - China State - Dong Ah Joint Venture)

- ▶ Large-scale ground improvement work was done using Japan's Cement Deep Mixing (CDM) method, which was adopted for the first time in Hong Kong.
- ▶ Received multiple awards from local authorities for environmental awareness and safety measures.
- ▶ Maritime construction work by a fleet of 11 CDM improvement vessels including Japanese vessels.



Special Award (Pioneering Activity Category)

Development of grassroots road infrastructure and poverty reduction through enhancement of self-reliance initiatives of communities in Sub-Saharan Africa Community Road Empowerment

- ▶ In Sub-Saharan Africa where the road infrastructure, such as community roads and agricultural roads, is in poor condition, this NGO has transferred technology to local residents that enables them to improve roads by the labor intensive method using locally available materials.
- ▶ Contributed to poverty reduction by making narrow roads more accessible to people and developing human resources for the construction industry through road infrastructure improvement activities. Trained about 810 youths on Do-nou technology at the National Construction Skill Training Center.



Strategic training of local engineers and companies through railway rehabilitation projects in Southeast Asia TEKKEN CORPORATION

- ▶ Transferred Japanese-style railway technologies and know-how through ODA projects. The company succeeded in winning railway project contracts in surrounding countries in collaboration with trained local engineers and local partner companies.
- ▶ Built a framework for transferring and inheriting Japan's construction technologies. This included inviting local engineers to Japan as technical intern trainees to help them acquire required skills. Students of the institute of technology are hired and trained in Japan for two years and then assigned to instruct local engineers in their home country.



Open Innovation for construction technology in Silicon Valley Obayashi SVVL, Inc. (OBAYASHI CORPORATION)

- ▶ Focusing on the digitalization in the construction industry, the company created a base for collaborating and experimenting with local research institutes and start-up companies to practice open innovation in Silicon Valley.
- ▶ Leveraging the resources obtained from more than 40 years of business operations in the United States, OBAYASHI developed products and services aimed to improve productivity, safety, and quality throughout the construction industry. At present, the company is jointly developing services with more than ten companies.



Small and Medium-sized Enterprises Category

Sugie Seito Co., Ltd.

- ▶ The world's only manufacturer of ceramic protective tubes for underground cables.
- ▶ The tube has been adopted by airports in many countries because of its high levels of safety and durability, its compact cross-section and high compressive strength, as well as its contribution to reducing the construction period and costs.
- ▶ It does not degrade over time, requires no maintenance, and is excellent in terms of its life cycle cost.

