## Network











# Realizing a better society for all through innovative solutions and adapting to our ever-changing world



Since its establishment in January 1963, Yachiyo Engineering Co., Ltd. has provided engineering services and expertise centered on infrastructure in Japan and around the world as an engineering consultant, guided by our management philosophy of "Respecting humanity and management by all members" and our motto of "Serving our clients with sincerity and diligence."

With the impacts of Covid-19, frequent natural disasters triggered by climate change, and increasing disorder in world affairs, circumstances have changed substantially over the past several years, and the business environment and our clients' needs continue to change rapidly. To be an indispensable company serving the world under these circumstances, the technology we have developed and continue to develop must be suitable to society not only in terms of infrastructure development, but also beneficial to the economy, industry, and quality of life of all people. Accordingly, our Medium-Term Management Plan, which started in July 2021, sets out 'Sustainability Management' as a companywide policy with a stronger resolve to achieve our ESG (Environmental, Social, and Governance) goals and the SDGs.

We will continue contributing to solving the issues and challenges faced by society by enhancing our organizational resilience, refining our existing technologies, and rising to the challenge of creating and exploring new, emerging technologies for the sustainable development of the world. Further, we will maintain reliability and transparency by strengthening our corporate governance and risk management systems—the foundation of our corporate management—in responding to the needs of society, and promote the creation of workplaces where each and every employee can find fulfillment in their work.

"Yachiyo" is taken from a Japanese phrase that can be translated as "contributing to human society for all eternity." Keeping the origin of our name in mind, we will continue our efforts to providing innovative solutions in consideration of the ever-changing needs and developments in our world to fulfill our mission of realizing a better society.

President



Takahashi Tsutomu

## Business Management Policy and System

## Management Philosophy

Respect for humanity and management by all members is the foundation of our company's philosophy;

To sincerely and genuinely conduct business that would earn our clients' trust, to improve capabilities and productivity through technology, to develop our business by building and increasing trust through outstanding work, and, ultimately, to contribute to society with reliable technologies and innovative ideas.

## Quality and Environmental Management System

Based on our Management Philosophy, we aim to contribute to the improvement of people's lives and society as a whole, such as through the development of social infrastructure, the economy, and industries, and to lead in cultivating a better future, while ensuring that are our services and products are of high quality and realizing customer satisfaction. To this end, we have adopted and maintain the ISO 9001:2015 and ISO 14001:2015 standards for our management systems.





## Declaration of Anti-Corruption & Bribery

As an engineering consulting firm, Yachiyo Engineering Co., Ltd. is committed to the improvement of social infrastructure in developing countries, and many of those projects are under Official Development Assistance (ODA).

We are thus involved in highly public projects which are implemented based on the trust of each recipient country and international development organization. It is the most basic principle of management that such a company should have high ethical standards and ensure compliance with laws and regulations.

Accordingly, we strictly observe laws and regulations based on our Corporate Code of Conduct, which was established in April 2005, and our Comprehensive Compliance Manual (established in July 2010), a more detailed version of the Corporate Code of Conduct. These rules require Yachiyo Engineering and all of its members to fulfill its responsibilities appropriately in terms of respect for humanity, harmony with society, and environmental considerations, and to engage in sound corporate activities with high ethical standards. Our internal controls are also strengthened under these rules.

Here, Yachiyo Engineering Co., Ltd. declares once again that it will not engage in any conduct which falls under bribery of public officials, including politicians, administrative officers, staff members of public organizations, employees of state-owned companies, and so on. At the same time, we request that our business partners take the same measures.

- We will ensure compliance with the Foreign Corrupt Practices Act (FCPA) of the United States, the Unfair Competition Prevention Act of Japan, the related laws and regulations of countries where we work, and the guidelines of international development organizations, including the Japan International Cooperation Agency (JICA).
- 2. We will not provide public officials with benefits, such as money, gifts, and entertainment, or bear expenses which should be borne by public officials with an improper intent, such as the expectation to receive favorable treatment concerning the company's business.
- 3. We will develop highly transparent, sound relationships with public officials and will not engage in any acts that lead to suspicions of collusion.

## Project Experience in 150 countries

### Europe



## Yachiyo Engineering Co.,Ltd.

## has a wide variety of experiences around the world.

- 01 Kazakhstan Master Plan Study on Integrated Regional Development for
- Mangistau Oblast in the Republic of Kazakhstan (JICA)
- 02 Serbia Data Collection Survey on Syrian Refugee Support in Balkan Region (JICA)
  03 United States of America Feasibility Study on the Procurement of General Waste
- for the Alternative Aviation Fuel Transport / Supply Project (JOIN, Japan) **04 Uzbekistan** Preparatory Survey (F/S) for Tashkent Thermal Power Cogeneration Plant Construction Project and Master Plan Study in the Republic of Uzbekistan (JICA)

- **05 Angola** Project for Transition to Digital Terrestrial TV Broadcasting
- **06 Botswana** Project for Adopting Japanese-style Digital Terrestrial Broadcasting (JICA) 07 Burkina Faso Project for Improvement of Equipment in the National Radio Station
- OB Cameroon Information Collection and Confirmation Survey on Urban Traffic Facilitation in Yaoundé Metropolitan Area
- 09 Democratic Republic of the Congo Project for Urban Transport Master Plan in
- 10 Djibouti Project for Upgrading of National Road Route 1 (Japanese Grant Aid) / Road inspection/maintenance management capacity improvement advisor
- 11 Egypt Project for Improvement of Management Capacity of Operation and ance for Water Supply Facilities in Nile Delta Area (JICA)
- 12 Eritrea Capacity Development Project for Improvement of Management Ability of Water Supply Authorities (JICA)
- 13 Ethiopia Project for Water Supply in Afar Region (Japanese Grant Aid)
- 14 Ghana Project for Power Supply to Accra Central (Japanese Grant Aid)
- 15 Guinea Project for Construction of Primary and Secondary Schools in Urban Areas, Phase II (Japanese Grant Aid)
- 16 Lesotho Small hydropower development plan
- 17 Liberia Master Plan Study on Urban Facilities Restoration and Improvement in Monrovia (JICA)
- 18 Libya Survey for Supporting the Establishment of Special Economic Zone (JETRO)
- 19 Malawi Substation Rehabilitation Project in Lilongwe City
  20 Mauritania Project for the Development of Drinking Water Supply Facilities in
- 21 Morocco Data Collection Survey on Water Resources Management and Dam
- 22 Mozambique Maputo Central Hospital Neonatal Ward Construction Project
- 23 Nigeria Improvement of Medical Waste Management Capacity / Power Distribution Sector Capacity Development Project / Advisory Services on Water Supply Business Operation in Nigeria
- 24 Rwanda Project for the Improvement of Substations and Distribution Network

- - **25 Senegal** Project for Urgent Rehabilitation and Strengthening of Energy Distribution Network in Dakar Region (Japanese Grant Aid) 26 Sierra Leone Capacity Development Project for the Operation and
- Maintenance of Power Supply Facilities (JICA)

  27 South Africa Project for Strengthening the Training Capacity of IBTC on
- 28 South Sudan Project for Capacity Development on Solid Waste Management in
- 29 Sudan The Clean Cities Project in Sudan
- **30 Tanzania** Project for Supporting the Formulation and Review of National Power
- 31 Tunisia Consulting Service for the Mejerda River Flood Control Project (Japanese ODA Loan) / Project on Regional Development Planning of the Southern Region (JICA) 32 Uganda Consultancy Services for the Kampala Metropolitan Transmission System
- 33 Zambia Capacity Development Project for the Operation and Maintenance of Water Supply and Sewerage System (JICA)

- 34 Bangladesh Project for Strengthening of Solid Waste Management in Dhaka North City, Dhaka South City and Chittagong City (JICA) / Project Formulation Study on the Development of Community-based Disaster Prevention System Using Bicycle-mounted
- Water Purifiers (JICA Public-Private Partnership)

  35 Bhutan Preparatory Study on Solid Waste Management (JICA)
- Cambodia Study on the Environment-Friendly Smart Community in Phnom Penh, the Kingdom of Cambodia project (METI, Japan) / Project for Construction of Primary Schools in Phnom Penh, Phase II (Japanese Grant Aid)
- 37 East Timor Project for Urgent Rehabilitation of Comoros Power Plant to Maintain
- 8 India Kolkata Solid Waste Management Improvement Project (Japanese Grant Aid) / Chennai Metro Project (Japanese ODA Loan)
- 39 Indonesia Information aatherina and confirmation survey on the development of the new Indonesian capital / Central Sulawesi Infrastructure Reconstruction Sector Loan Component 2 (irrigation, rivers, erosion control, etc.) consulting services / Flood Control Sector Loan (Phase 2) / Design Modification of Solid Waste Treatment Complex in East
- 40 Kyrayzstan Preparatory Study on the Development of Substations in Chuy Region
- Laos Project on Riverbank Protection Works, Phase II (JICA)
- 42 Malaysia Study for Solid Waste Reduction Project (JICA) / Study for Drafting a Plan for the Kuala Lumpur-Singapore High Speed Rail project (JOIN, Japan)
- 43 Maldives Project for the Digital Broadcasting Network Development (Japanese



- 5 Nepal The Project for the Improvement of Water Supply in Biratnagar / Project for Development of Master Plan for Wastewater Management in Pokhara Metropolitan City / Study for Detailed Planning of Terai Basin Flood Risk Management Project
- 16 Pakistan Project for Rehabilitation of Medium Wave Radio Broadcasting Network (Japanese Grant Aid)
- 7 Philippines Preparatory Survey for National Digital Terrestrial Broadcasting Network Development Project (Japanese ODA Loan) / Information Collection and Confirmation Survey on Water Supply in Cotabato City / 2021 Smart JAMP (improvement of automatic traffic control system to realize smart city in Davao) / Dalton Pass East Alternative Road Construction Project Cooperation Preparatory Survey (Japanese ODA Loan)
- 48 Sri Lanka Special Assistance for Project Implementation of Digitalization of Terrestrial Television Broadcasting Project (JICA)
- 49 Thailand Data Collection Survey on Marine Plastic and Waste-to-Energy
- 50 Vietnam Data Collection Survey on Hanoi-Ho Chi Minh High Speed Railway Project (JICA) / Consultancy Service for Gia Minh Solid Waste Treatment Complex

Oceania

- 51 Fiji Project for the Planning of the Nadi River Flood Control Structures (JICA) / Nadi Flood Alleviation Project - 001 Feasibility Study Update (ADB) / Project for the Rehabilitation of the Medium Wave Radio Transmission (Japanese Grant Aid)
- **52 Kiribati** Project for Upgrading of Electric Power Supply in Tarawa Atoll (Japanese
- 53 Marshall Islands Project for Improvement of Water Reservoir at Majuro Atoll (JICA)
- **54 Palau** Transmission network development plan 55 Papua New Guinea Study on Lae-Nadzab Urban Development Plan (JICA)
- 56 Solomon Islands Project for Improvement of Non-revenue Water Reduction
- 57 Tonga Project for Introduction of a Micro-Grid System with Renewable Energy for he Tonga Energy Road Map (Japanese Grant Aid)
- 58 Tuvalu Project for Development of Medium Wave Radio Broadcasting Network
- 59 Vanuatu Project for Improvement of Equipment for Disaster Risk Management (Japanese Grant Aid)

## North America



Central and South America

Project Office

- 60 Brazil Belem Metropolitan Trunk Bus System Project (Japanese ODA Loan) / Project for Strengthening National Strategy of Integrated Natural Disaster Risk
- 61 Colombia Feasibility Study on FY2017 New Urban Transportation System in Medellín (METI, Japan)
- 62 Cuba Project for Electricity Supply Improvement (JICA Grant)
- 63 Dominican Republic Project for Integrated Rural Development of Former Sugarcane Plantation Area (JICA) 64 El Salvador Project for Improvement of Equipment for Disaster Risk Management
- (Japanese Grant Aid) 65 Haiti Project for Constructing Elementary and Secondary Schools in Centre and
- Artibonite Departments (Japanese Grant Aid)

  66 Jamaica Project for Improvement of Emergency Communication System
- 67 Nicaragua Project for the Study of National Transport Plan (JICA)
- 68 Paraguay Preparatory Survey on the Eastern Region Export Corridor nent Project (SAPI) (JICA)
- 69 Peru Project for Improvement of Equipment for Disaster Risk Management (Japanese Grant Aid)

- 70 Afghanistan Capacity Development Project for Road Construction
- Management in Kabul City (JICA)
  71 Iran Data Collection Survey on Earthquake Risk Management Sector (JICA)
- 72 Iraq Sewerage Construction Project in Kurdistan Region (Japanese ODA Loan) / Data Collection Survey on Water Supply System Development in Southern Iraq (JICA) 73 Jordan Data Collection Survey on Logistics Improvement in Jordan Valley (JICA)
- 74 Lebanon Study on Water Resource Management Project (JICA)
  75 Palestine Capacity Development Project for Solid Waste Management, Phase 2
- **76 Saudi Arabia** Study on Master Plan on Renewable Water Resource Development/Management in the Southwest Region (JICA)
- 77 Syria Study on Urban Planning for Sustainable Development of Damascus Metropolitan Area (JICA)







**Left:** Climate Resilient Industries Framework Development (World Bank)

**Right:** Data Collection Survey for Automotive Sector (Nigeria)





Verification Survey for Environmentally Friendly Urban Transportation Systems Using Electric Tricycles (Philippines)





Technical Cooperation for Development Planning on the One Local Government One Product Programme for Revitalising the Rural Economy (Nigeria)

**Left:** Master Plan of KING SKY-FRONT Development project as an Open Innovation Hub with the world's highest standard (Kawasaki City, Japan)

**Right:** Preliminary Design and Detailed Design of Sakuramirai Foot bridge\*1 (Yokohama City, Japan)









Revitalization of Yogyakarta Rail Station and Pedestrianization of Malioboro (Indonesia)





Study on Lae-Nadzab Urban Development Plan (Papua New Guinea)



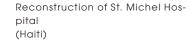
where reliability is particularly important, as well as special construction works such as power plants and steel towers.

Solid Waste Managemen We have substantial experience in formulating master plans for integrated waste management in many countries such as in Asia, Africa, and Oceania, and in working to improve waste management activities such as the 3Rs (reduce, reuse and recycle), collection, intermediate treatment, and final disposal. We provide advisory services on technologies on waste incineration for power generation as well as on sanitary waste disposal, which have been refined under Japan's strict environmental standards. The company has also developed guidelines for the introduction of waste-to-energy projects under the Japan International Cooperation Agency (JICA).



Development of Bandung Institute of Technology (III) (Indonesia)









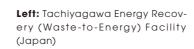
Project for Constructing Elementary and Secondary Schools in Centre and Artibonite Departments (Haiti)



Kolkata Solid Waste Management Improvement Project (India)



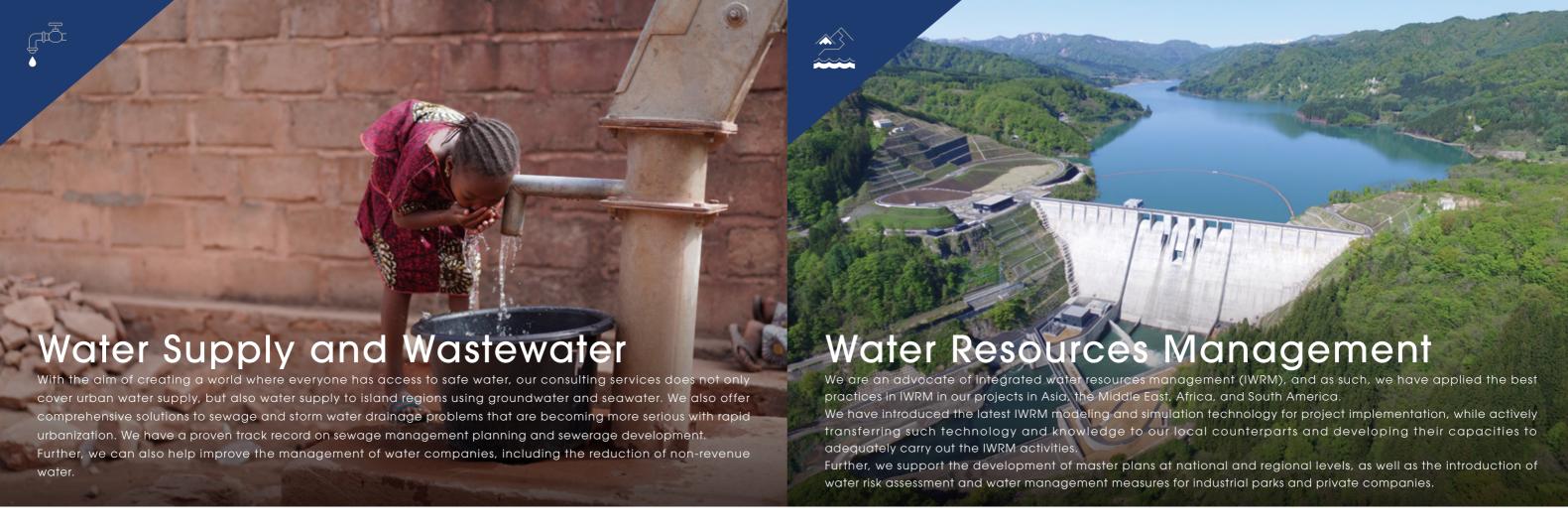
Implementation Support for 3R INITIATIVE of Hanoi City for Cyclical Society (Vietnam)



Right: Kawaguchi Energy Recovery (Waste-to-Energy) Facility (Japan)











Project for Improvement of Urban Untreated Water Supply Schemes (Samoa)









The Federal Capital

Territory Reduction of

Non-Revenue Water



Metropolitan Sanitation Management Investment Program -Sewerage System Development in DKI Jakarta (Indonesia)



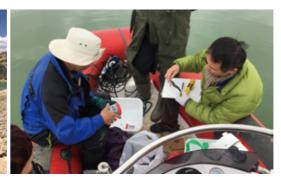




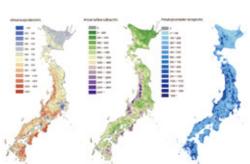
Project for Enhancement of Inte-

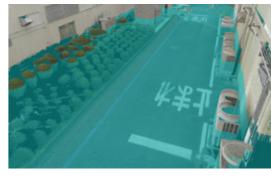
grated Water Resources Man-

agement (Sudan)



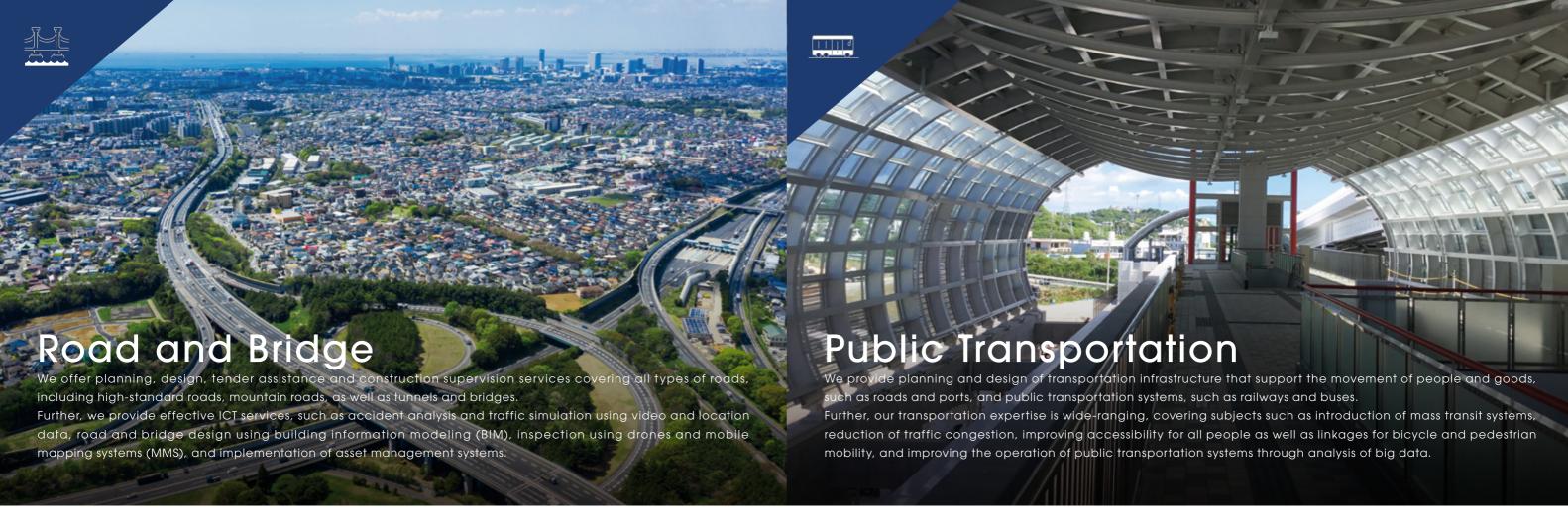
Preparatory Survey on Sidi Salem Multi-purpose Dam Comprehensive Sedimentation Management Project (Tunisia)





Modeling, simulation, and visualization of various water assets and water risks

09





Project for Upgrading of National Road Route 1 (Djibouti)





Tanjung Priok Access Road Construction Project Phase I (Indonesia)





**Left:** Basic and Detailed Design of Yatogawa Bridge, PC5 span continuous corrugated steel web box girder bridge (Japan)

**Right:** Basic and Detailed Design of Omiodori Bridge, PC5 span continuous corrugated steel web box girder extradosed bridge (Japan)



**Right:** Kolkata East-West Metro Rail Project (India)









**Left:** Belem Metropolitan Trunk Bus System Project (Brazil)

**Right:** Motomachi-Chukagai Station on the Minatomirai Line Subway (Japan)





Master Plan for Universal Design of Narita International Airport (Japan)



Broadcasting and Communication We have been an expert in the field of broadcasting and communication since completing a study on integrated radio and television servicing system in Indonesia in 1987, which was our first overseas project in the said field. We have been involved in a wide range of activities, from hardware-related such as equipment maintenance and digitization, to technical cooperation with the local counterparts to improve their news and program production capabilities. Further, we offer our broadcasting and communication technology for the development of early warning systems, including observation of weather, tide levels, and natural hazards such as earthquakes.



operate a solar power generation plant in Fukushima Prefecture, Japan.



Left: Project for Introduction of Clean Energy by Solar Electricity Generation System (Maldives)

Right: Project for Introduction of Clean Energy by Solar Electricity Generation System (Palau)



Project for Reinforcement of Power Supply to Accra Central





Project for Improvement of Sarakata River Hydroelectric Power Station (Vanuatu)



Project for Improvement of Equipment for Disaster Risk Management (Peru)



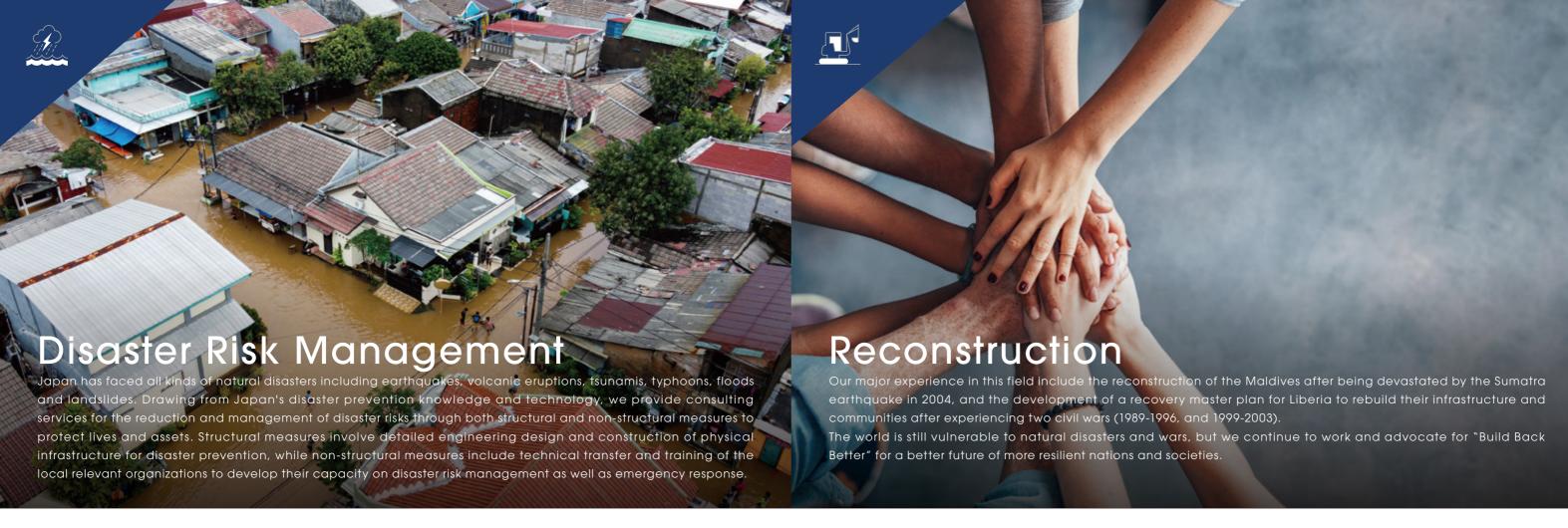


Project for Introduction of Nationwide Early Warning System and Strengthening Disaster Communications (Tonga)





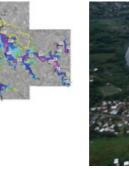








Project for Promoting Countermeasures against Land Subsidence in Jakarta (Indonesia)

















**Left:** Project for Improvement of Urban Roads and Drainage for Reconstruction of Leogane (Haiti)

**Right:** Project for Rehabilitation of Main Roads and Community Roads in Kabul City (Afghanistan)



TA 52233-002 FIJ: Nadi Flood Alle-

viation Project - 001 Feasibility

Study Update

(Fiji)



Urgent Disaster Reduction Project for Mount Merapi and Lower Progo River Area (II) (Indonesia)





15

## Company History



Living Environment Improvement in Kokang District, Shan State (Myanmar)



Project for Improvement of Equipment of Bhutan Broadcasting Service Corporation (Bhutan)

1991

**Establishment of International Division** 

1990

2016 Appointment of Mr. Norio Hanaoka, Chairman of Yachiyo Engineering, as the Chairman of Engineering and Consulting Firms Association, Japan (ECFA) (until 2018)

2015 Number of permanent employees reaches 1000

2014 Establishment of Myanmar Office Received a project award for the "Project for Strengthening of Solid Waste Management in Dhaka City" from Engineering and Consulting Firms Association, Japan (ECFA)

2009 Establishment of Kolkata Office in India **Establishment of Cairo Office in Egypt** Establishment of San Paulo Office in Brazil

2020 2021 **Establishment of Vietnam Office** Annual sales reaches 20 billion

2023 60th Founding Anniversary (Jan 29)

Japanese yen

**Establishment of Nigeria Office** 

2010

Received a project award from the Engineering and Consulting Firms Association, Japan (ECFA) for the "Urgent Disaster Reduction Project for Mt. Merapi and Lower Progo River Area in Indonesia"

2001 Acquisition of ISO14001 Certificate

1999 Acquisition of ISO9001 Certificate

1995

2000

Jakarta Solid Waste Management System Improvement Project (Indonesia)



Kolkata Transport Infrastructure Development Project (India)



Construction Machinery Training and Maintenance Center (Yemen)



2000 Parana State Environmental Improvement Project (Brazil)



Sarir Newtown Project (Libya)

El Asan Cement Plant

1975

1970

Establishment of Yachiyo Engineering Co., Ltd.

project of Yachiyo Engineering.

(Algeria)

Number of permanent employees reaches 500

Water Supply System at Majuro Atoll

(Marshall Islands)

1980

1981

1986 Establishment of Korea Office

National Water Resources Master Plan (Zambia)



Establishment of Jakarta Office in Indonesia



1977 Zliten Seawater Desalination Plants (Libya)



1960

1963

**Registration of Engineering** 

**Consultants and Architects**