Network

Jakarta Office : Jakarta, Indonesia
Myanmar Office : Naypyitaw, Myanmar
Nigeria Office : Abuja, Nigeria
Korea Office : Sejong, Korea
Kolkata Office : Kolkata, India
Sao Paulo Office : Sao Paulo, Brazil

yec Yachiyo Engineering Co., Ltd.
CS Tower, 5-20-8, Asakusabashi, Taito-ku, Tokyo, 111-8648, Japan
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E-mail : intl@yachiyo-eng.co.jp

Innovative solutions for the society

yec Company Profile

YACHIYO
Engineering

Innovative solutions for the society

Since its establishment in Tokyo, Japan in 1963, Yachiyo Engineering Co., Ltd. has contributed to the development of social infrastructure and shared their technology and engineering expertise to more than 150 countries worldwide, to achieve the ultimate goal of improving the quality of people's lives and society as a whole. With the recent technological innovations and changes in the socioeconomic environment, we continue to provide consulting services to both private and government clients, as we expand our business opportunities into various sectors of society.

Japan is facing an aging and declining population - unique and critical issues that now must be addressed. Meanwhile, as the world population is increasing and the world economy becomes more globalized, it is essential to think of sustainable growth and how to realize such.

We believe we can provide "innovative solutions for the society" in the face of uncertain times by utilizing accumulated technologies and knowledge for holistic growth in all aspects of society - economy, industry, and the quality of life, not just for the development of social infrastructure. With the origin of our company name, which is "developing and contributing to human society for eternity (Yachiyo means 'eternity' in Japanese)", we sincerely and diligently pursue solutions and find what we can do. We continue to rise up to the challenge of realizing a better society.

We look toward the next millennium, moving forward to take on the challenges it will bring.

President 出水貢光

Demizu Shigemitsu

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.

MSA-AS-5

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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.

1. 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

Yachiyo Engineering Co.,Ltd.
has a wide variety of experiences around the world.

Project Office

Europe and North America

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)

Africa

05 Botswana Project for Adopting Japanese-style Digital Terrestrial Broadcasting (JICA)
06 Burkina Faso Project for Improvement of Equipment in the National Radio Station (Japanese Grant Aid)
07 Democratic Republic of the Congo Project for Urban Transport Master Plan in Kinshasa City (JICA)
08 Djibouti Project for Upgrading of National Road Route 1 (Japanese Grant Aid)
09 Egypt Project for Improvement of Management Capacity of Operation and Maintenance for Water Supply Facilities in Nile Delta Area (JICA)
10 Eritrea Capacity Development Project for Improvement of Management Ability of Water Supply Authorities (JICA)
11 Ethiopia Project for Water Supply in Afar Region (Japanese Grant Aid)
12 Ghana Project for Power Supply to Accra Central (Japanese Grant Aid)
13 Guinea Project for Construction of Primary and Secondary Schools in Urban Areas, Phase II (Japanese Grant Aid)
14 Liberia Master Plan Study on Urban Facilities Restoration and Improvement in Monrovia (JICA)
15 Libya Survey for Supporting the Establishment of Special Economic Zone (JETRO)
16 Mauritania Project for the Development of Drinking Water Supply Facilities in Kiffa City (Japanese Grant Aid)
17 Midwest Africa Preparatory Study on the Traffic of International Corridors that Connect Inland Countries in Central Western Africa to Surrounding Countries with Major International Ports (JICA)
18 Morocco Data Collection Survey for Waste Project (collection/transport, treatment/disposal) (JICA)
19 Nigeria Project for Emergency Rehabilitation and Reinforcement of Lagos Transmission Substations (Japanese Grant Aid) / Project for Integrated Solid Waste Management System in Federal Capital Territory (JICA) / Data Collection Survey on Automotive Sector (JICA)
20 Rwanda Project for the Improvement of Substations and Distribution Network, Phase 3 (Japanese Grant Aid)
21 Senegal Project for Urgent Rehabilitation and Strengthening of Energy Distribution Network in Dakar Region (Japanese Grant Aid)
22 Sierra Leone Capacity Development Project for the Operation and Maintenance of Power Supply Facilities (JICA)
23 South Africa Project for Strengthening the Training Capacity of IBTC on Non-Revenue Water (JICA)
24 South Sudan Project for Capacity Development on Solid Waste Management in Juba (JICA)
25 Sudan Project for Strengthening Solid Waste Management in Khartoum State (JICA) / Project for Enhancement of Integrated Water Resources Management (JICA)
26 Tanzania Project for Supporting the Formulation and Review of National Power System Master Plan (JICA)
27 Tunisia Consulting Service for the Mejerda River Flood Control Project (Japanese ODA Loan) / Project on Regional Development Planning of the Southern Region (JICA)
28 Uganda Greater Kampala Metropolitan Area Transmission System Improvement Project (Japanese Grant Aid)
29 Zambia Capacity Development Project for the Operation and Maintenance of Water Supply and Sewerage System (JICA)

Asia

30 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)
31 Bhutan Preparatory Study on Solid Waste Management (JICA)
32 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)
33 East Timor Project for Urgent Rehabilitation of Comoros Power Plant to Maintain Output (UNOPS)
34 India Kolkata Solid Waste Management Improvement Project (Japanese Grant Aid) / Chennai Metro Project (Japanese ODA Loan)
35 Indonesia Road Construction Project for Post-Tsunami Reconstruction of Aceh Province (Japanese ODA Loan) / Project for Post-Earthquake and Tsunami Reconstruction Plan for Central Sulawesi Province (JICA) / Project for Promoting Countermeasures Against Land Subsidence in Jakarta (JICA) / Engineering Services for Sewerage System Development in DKI Jakarta (Japanese ODA Loan) / Development of the Institute of Technology in Bandung Phase 3 (Japanese ODA Loan)
36 Kyrgyzstan Preparatory Study on the Development of Substations in Chuy Region (JICA)
37 Laos Project on Riverbank Protection Works, Phase II (JICA)
38 Malaysia Study for Solid Waste Reduction Project (JICA) / Study for Drafting a Plan for the Kuala Lumpur-Singapore High Speed Rail project (JOIN, Japan)
39 Maldives Project for the Digital Broadcasting Network Development (Japanese Grant Aid)
40 Myanmar Capacity Development Project for Myanmar National Broadcasting Station (Japanese ODA Loan) / Regional Development Project for Poverty Reduction, Phase II (road/bridge sector) (Japanese ODA Loan) / Project for Provision of Road Construction and Maintenance Equipment in Kachin and Chin State (Japanese Grant Aid) / Data Collection Survey on Cyber Security (JICA)
41 Nepal Bagmati River Basin Improvement Project (ADB Grant) / Project for Improvement of Water Supply in Pokhara (Japanese Grant Aid)
42 Pakistan Project for Rehabilitation of Medium Wave Radio Broadcasting Network (Japanese Grant Aid)
43 Philippines Preparatory Survey for Septic Tank Sludge Treatment Construction Project for Metro Cebu (JICA) / Study and Research for Expediting Disaster Information Communication by the Use of EWBS in the Philippines (Ministry of Internal Affairs and Communication)
44 Sri Lanka Special Assistance for Project Implementation of Digitalization of Terrestrial Television Broadcasting Project (JICA)
45 Thailand Fact-finding and Analysis for Strengthening the Capacity to Cope with Problems in Waste-to-Energy Projects (JICA)
46 Vietnam Data Collection Survey on Hanoi-Ho Chi Minh High Speed Railway Project (JICA) / Data Collection Survey on Cyber Security (JICA)

Oceania

47 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)
48 Kiribati Project for Upgrading of Electric Power Supply in Tarawa Atoll (Japanese Grant Aid)
49 Marshall Islands Project for Improvement of Water Reservoir at Majuro Atoll (JICA)
50 Palau Water Supply System Improvement Project (Japanese Grant Aid)
51 Papua New Guinea Study on Lae-Nadzab Urban Development Plan (JICA)
52 Solomon Islands Project for Improvement of Non-revenue Water Reduction Capacity (JICA)
53 Tonga Project for Introduction of a Micro-Grid System with Renewable Energy for the Tonga Energy Road Map (Japanese Grant Aid)
54 Tuvalu Project for Development of Medium Wave Radio Broadcasting Network (Japanese Grant Aid)
55 Vanuatu Project for Improvement of Equipment for Disaster Risk Management (Japanese Grant Aid)

Central and South America

56 Brazil Belem Metropolitan Trunk Bus System Project (Japanese ODA Loan) / Project for Strengthening National Strategy of Integrated Natural Disaster Risk Management (JICA)
57 Colombia Feasibility Study on FY2017 New Urban Transportation System in Medellín (METI, Japan)
58 Cuba Project for Electricity Supply Improvement (JICA Grant)
59 Dominican Project for Integrated Rural Development of Former Sugarcane Plantation Area (JICA)
60 El Salvador Project for Improvement of Equipment for Disaster Risk Management (Japanese Grant Aid)
61 Haiti Project for Constructing Elementary and Secondary Schools in Centre and Artibonite Departments (Japanese Grant Aid)
62 Jamaica Project for Improvement of Emergency Communication System (Japanese Grant Aid)
63 Nicaragua Project for the Study of National Transport Plan (JICA)
64 Paraguay Preparatory Survey on the Eastern Region Export Corridor Improvement Project (SAPI) (JICA)
65 Peru Project for Improvement of Equipment for Disaster Risk Management (Japanese Grant Aid)

Middle East

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

Private Sector Development

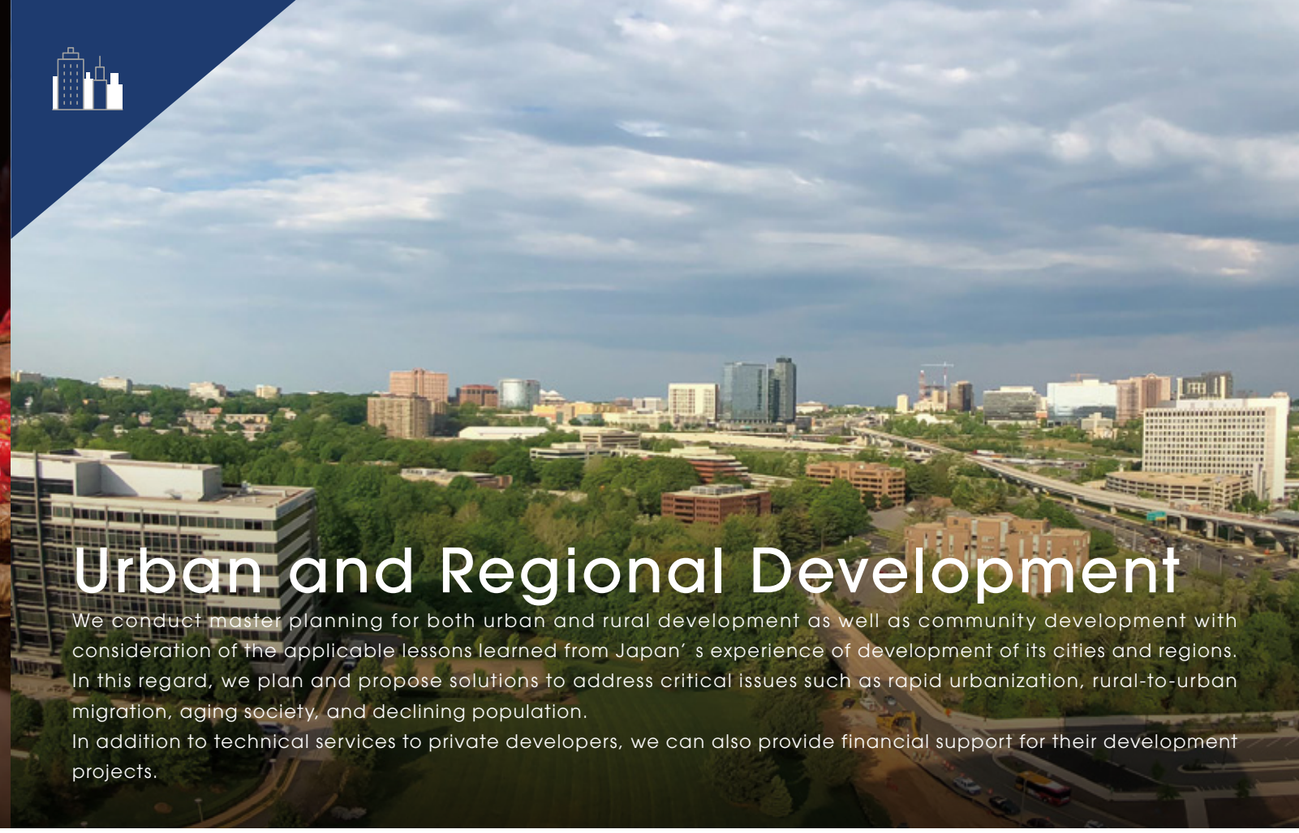
We provide advisory services to the public sector and to businesses in the field of infrastructure development by private sector funding, including public-private partnerships (PPP). We also provide support to governments and municipalities that wish to attract private sector investment, especially from Japanese companies, through planning and business matching services with local companies.
Further, we conduct market research and related services to help Japanese companies expand their business into Asia and Africa.

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)



Urban and Regional Development

We conduct master planning for both urban and rural development as well as community development with consideration of the applicable lessons learned from Japan' s experience of development of its cities and regions. In this regard, we plan and propose solutions to address critical issues such as rapid urbanization, rural-to-urban migration, aging society, and declining population.
In addition to technical services to private developers, we can also provide financial support for their development projects.

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)

*1 Photo by Yamada Shomei Lighting Co., Ltd.

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

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

Architecture

Drawing from our technical experience in Japan, a country prone to various natural disasters, we specialize in design and construction methods/technologies in areas that are much exposed to natural hazards, such as earthquakes, tsunamis, and typhoons, as well as areas having physical conditions that make for construction difficult and complex.
We have abundant experience of design and construction supervision of public facilities, such as hospitals and schools, where reliability is particularly important, as well as special construction works such as power plants and steel towers.

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

Reconstruction of St. Michel Hospital
(Haiti)

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

Solid Waste Management

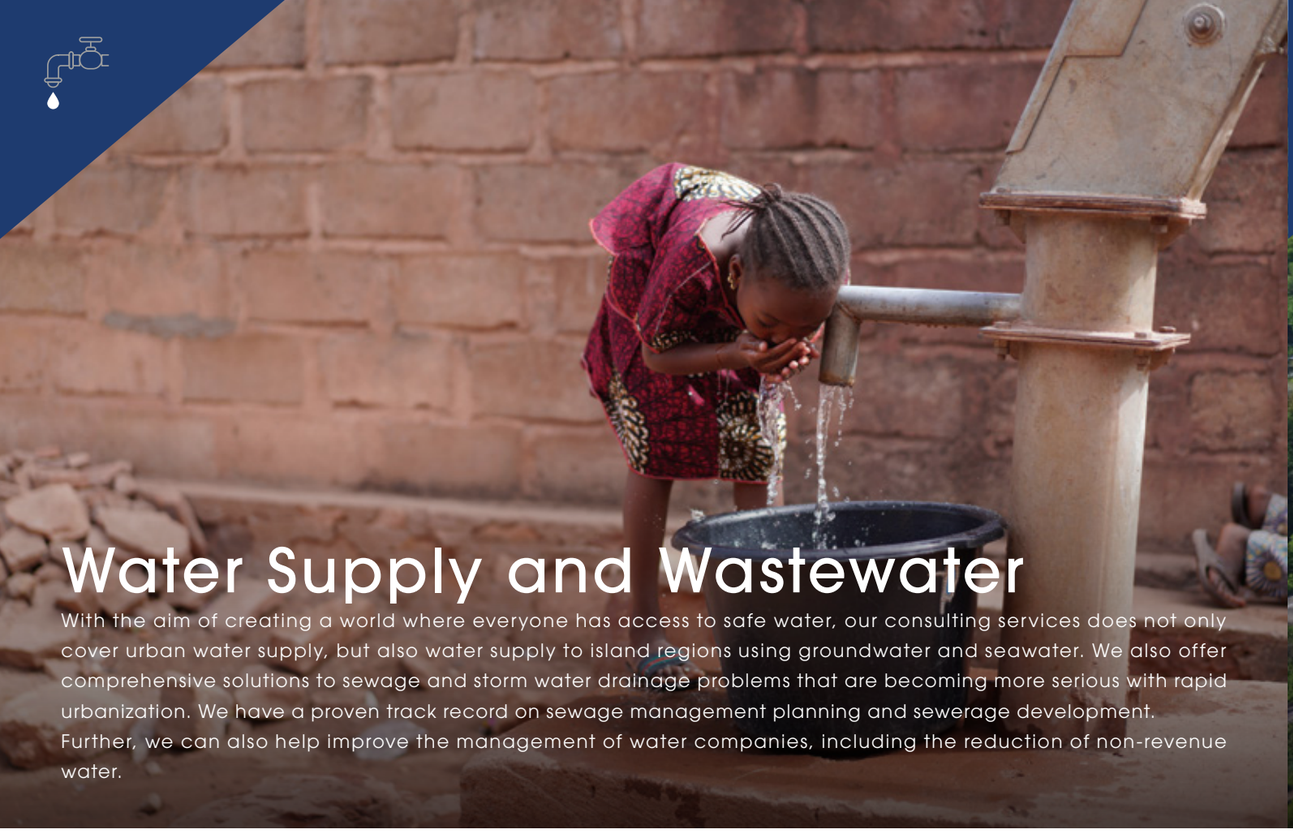
We have substantial experience in formulating master plans for integrated waste management in many countries such as in Asia, Africa, and Oceania, and in working to improve waste management activities such as the 3Rs (reduce, reuse and recycle), collection, intermediate treatment, and final disposal. 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).

Kolkata Solid Waste Management Improvement Project
(India)

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

Left: Tachiyagawa Energy Recovery (Waste-to-Energy) Facility
(Japan)

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

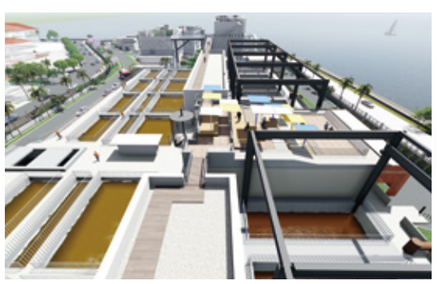


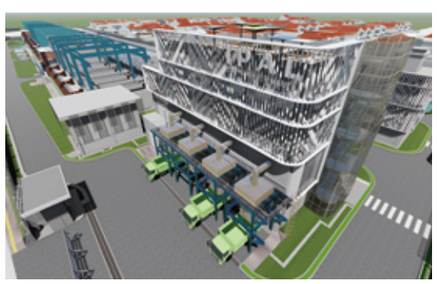
Water Supply and Wastewater

With the aim of creating a world where everyone has access to safe water, our consulting services does not only cover urban water supply, but also water supply to island regions using groundwater and seawater. We also offer comprehensive solutions to sewage and storm water drainage problems that are becoming more serious with rapid urbanization. We have a proven track record on sewage management planning and sewerage development.
Further, we can also help improve the management of water companies, including the reduction of non-revenue water.

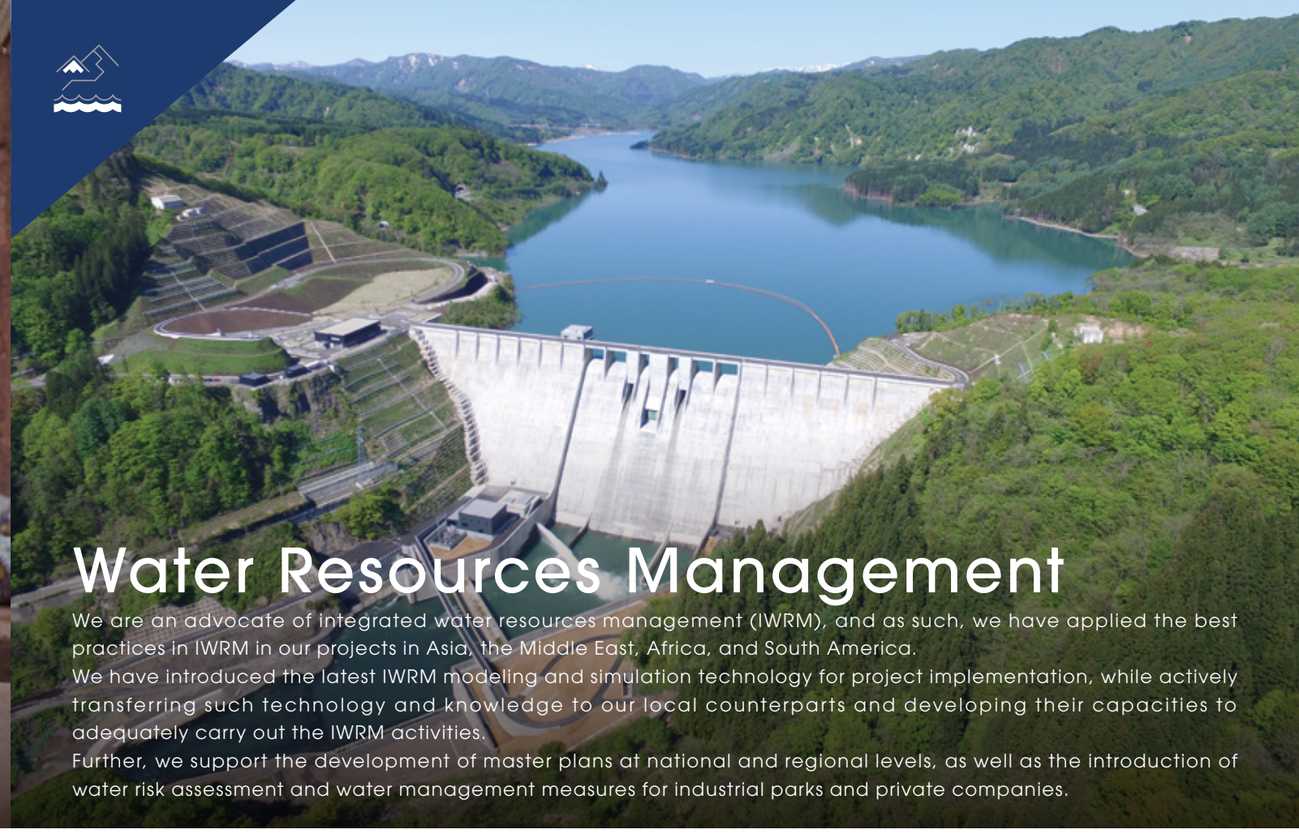
Project for Improvement of Urban Untreated Water Supply Schemes
(Samoa)

The Federal Capital Territory Reduction of Non-Revenue Water Project
(Nigeria)





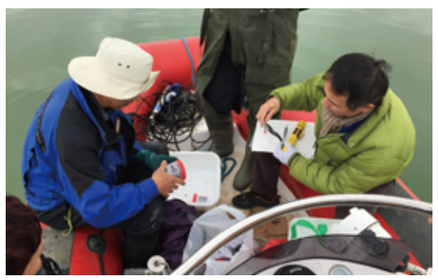
Metropolitan Sanitation Management Investment Program - Sewerage System Development in DKI Jakarta
(Indonesia)



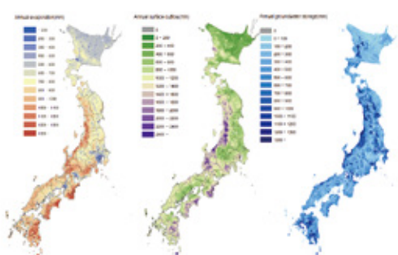
Water Resources Management

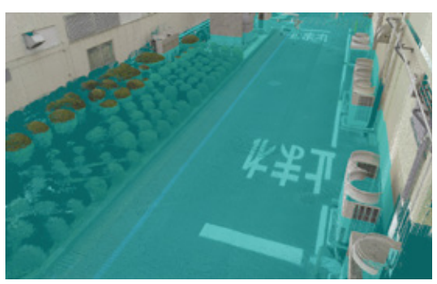
We are an advocate of integrated water resources management (IWRM), and as such, we have applied the best practices in IWRM in our projects in Asia, the Middle East, Africa, and South America.
We have introduced the latest IWRM modeling and simulation technology for project implementation, while actively transferring such technology and knowledge to our local counterparts and developing their capacities to adequately carry out the IWRM activities.
Further, we support the development of master plans at national and regional levels, as well as the introduction of water risk assessment and water management measures for industrial parks and private companies.

Project for Enhancement of Integrated Water Resources Management
(Sudan)

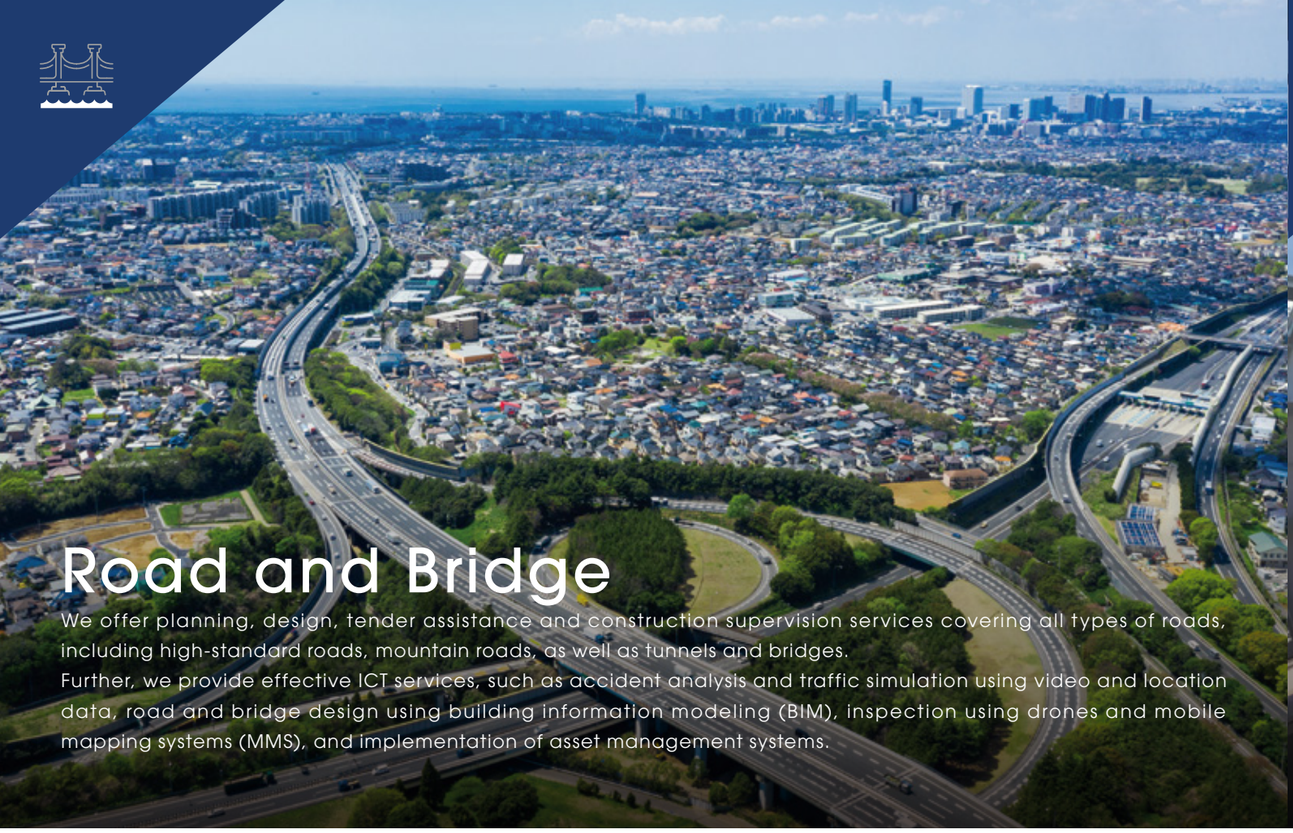


Preparatory Survey on Sidi Salem Multi-purpose Dam Comprehensive Sedimentation Management Project
(Tunisia)





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



Road and Bridge

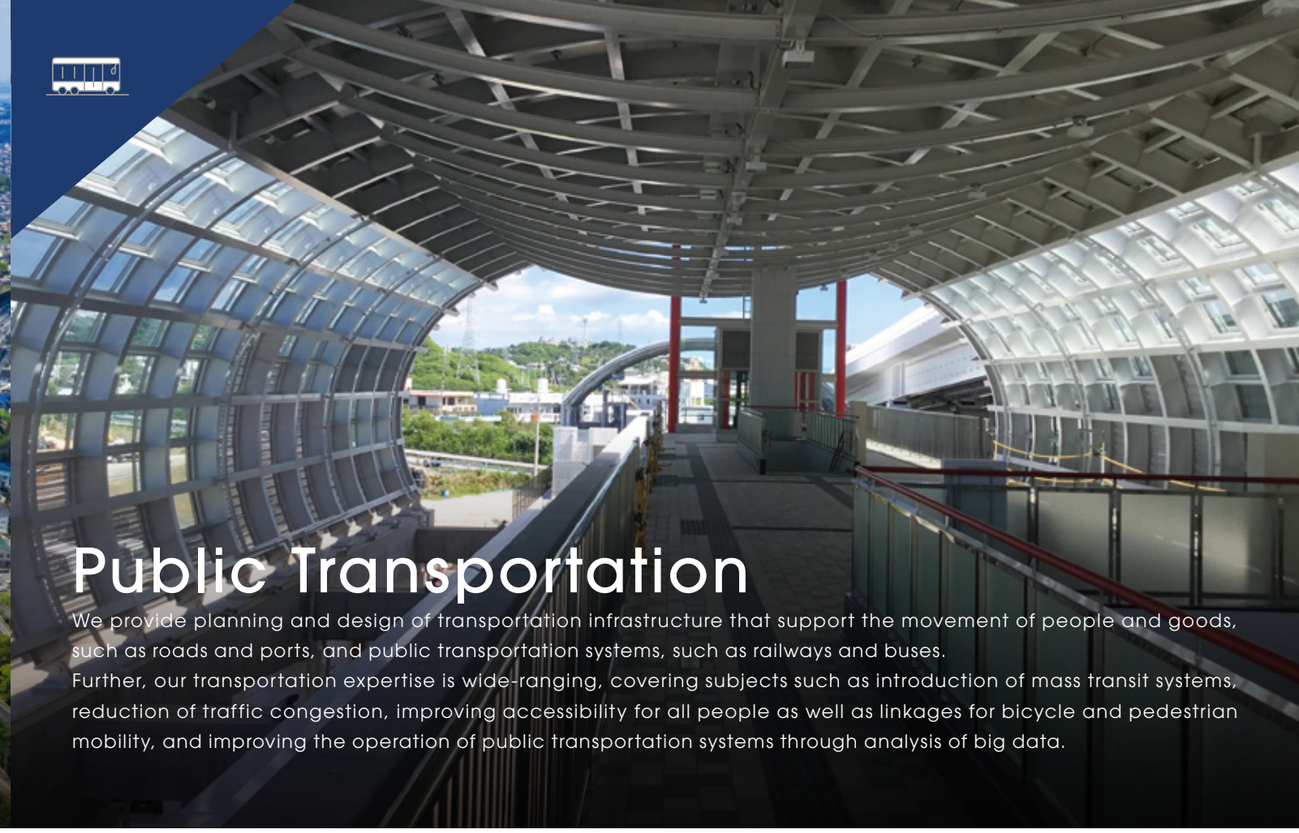
We offer planning, design, tender assistance and construction supervision services covering all types of roads, including high-standard roads, mountain roads, as well as tunnels and bridges.
Further, we provide effective ICT services, such as accident analysis and traffic simulation using video and location data, road and bridge design using building information modeling (BIM), inspection using drones and mobile mapping systems (MMS), and implementation of asset management systems.

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)



Public Transportation

We provide planning and design of transportation infrastructure that support the movement of people and goods, such as roads and ports, and public transportation systems, such as railways and buses.
Further, our transportation expertise is wide-ranging, covering subjects such as introduction of mass transit systems, reduction of traffic congestion, improving accessibility for all people as well as linkages for bicycle and pedestrian mobility, and improving the operation of public transportation systems through analysis of big data.

Left: Kencho-mae Station on the Chiba Urban Monorail
(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)

Electric Power System and Plant

We have much familiarity with power generation, substation and transmission, and have extensive project experience in the power sector, from the development of small-scale off-grid power sources to the formulation of national-level power development master plans.
In addition, we provide consulting services on the introduction of renewable energy such as solar power and hydropower, as well as on the operation of power plants for the business operator or owner side. In fact, we own and operate a solar power generation plant in Fukushima Prefecture, 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.

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
(Ghana)

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

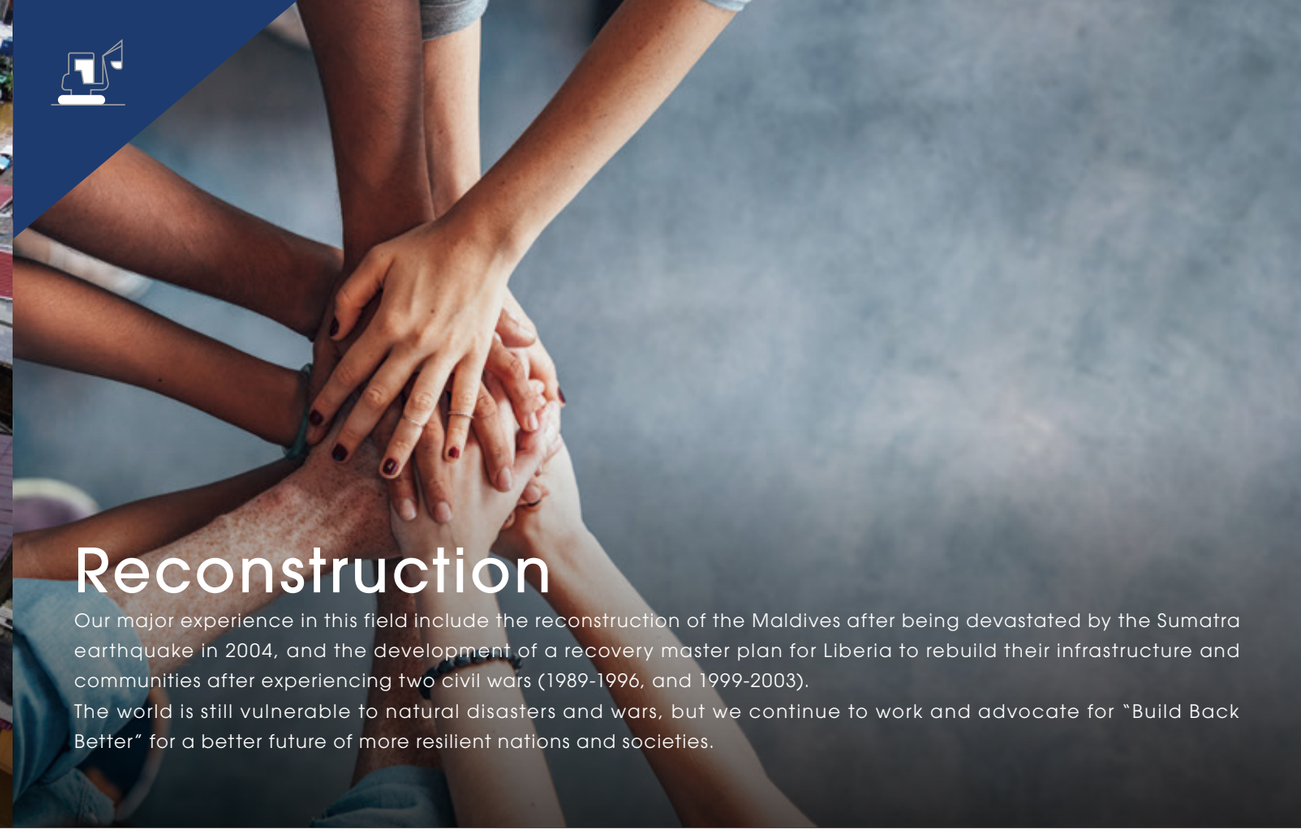
Project for Improvement of Equipment for Disaster Risk Management
(Peru)

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

Project for Capacity Development of Myanmar Radio and Television
(Myanmar)

Disaster Risk Management

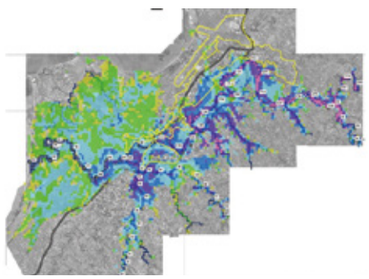
Japan has faced all kinds of natural disasters including earthquakes, volcanic eruptions, tsunamis, typhoons, floods and landslides. Drawing from Japan's disaster prevention knowledge and technology, we provide consulting services for the reduction and management of disaster risks through both structural and non-structural measures to protect lives and assets. Structural measures involve detailed engineering design and construction of physical infrastructure for disaster prevention, while non-structural measures include technical transfer and training of the local relevant organizations to develop their capacity on disaster risk management as well as emergency response.



Reconstruction

Our major experience in this field include the reconstruction of the Maldives after being devastated by the Sumatra earthquake in 2004, and the development of a recovery master plan for Liberia to rebuild their infrastructure and communities after experiencing two civil wars (1989-1996, and 1999-2003).
The world is still vulnerable to natural disasters and wars, but we continue to work and advocate for "Build Back Better" for a better future of more resilient nations and societies.

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



TA 52233-002 FIJ: Nadi Flood Alleviation Project - 001 Feasibility Study Update
(Fiji)

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

Project for Supporting the Formulation and Implementation of Central Sulawesi Reconstruction Plan
(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)

Project for the Safe School Reconstruction in Divested Areas of Earthquake in Offshore of Padang in West Sumatra Region
(Indonesia)

YACHIYO Engineering

Company History

2017 Annual sales reaches 20 billion Japanese yen

2017 Selected as a White 500 Company in the large enterprise category of the Health and Productivity Management Organization Recognition Program in Japan

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

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)

2015 Number of permanent employees reaches 1000

2010 Establishment of Nigeria Office

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

2003
Living Environment Improvement in Kokang District, Shan State (Myanmar)

2009
Project for Improvement of Equipment of Bhutan Broadcasting Service Corporation (Bhutan)

2004
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"

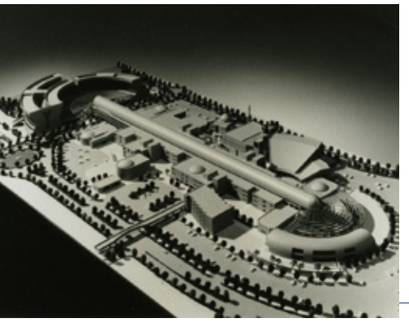
2000 Parana State Environmental Improvement Project (Brazil)

2001 Acquisition of ISO14001 Certificate

1999 Acquisition of ISO9001 Certificate

1986 Establishment of Korea Office

1986
Water Supply System at Majuro Atoll (Marshall Islands)



1981
Number of permanent employees reaches 500

1980
Sarir Newtown Project (Libya)

1995
Jakarta Solid Waste Management System Improvement Project (Indonesia)

1997
Kolkata Transport Infrastructure Development Project (India)

1993
Construction Machinery Training and Maintenance Center (Yemen)

1991
Establishment of International Division

1989
National Water Resources Master Plan (Zambia)

1975
El Asan Cement Plant (Algeria)

1978
Water Resources Development Project in Benghaji (Libya)

1977
Establishment of Jakarta Office in Indonesia

1977
Zliten Seawater Desalination Plants (Libya)

1967
Awarded the "Engineering Services for the Construction of Shan-ta-jian Dam in Taiwan", the first overseas project of Yachiyo Engineering.

1963
Registration of Engineering Consultants and Architects

1962 Establishment of Yachiyo Engineering Co., Ltd.

2020 · 2010 · 2000 · 1990 · 1980 · 1970 · 1960