Innovative solutions for the society

Company Profile

Corporate Head Office: Tokyo, Japan

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
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.

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 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.

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.

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.

Top Message.

Innovative solutions for the society

President
Demizu Shigemitsu

Business Management Policy and System

Management Philosophy

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Quality and Environmental Management System

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

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)

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

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

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

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).

Architecture

Solid Waste Management

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

Kokkola Solid Waste Management Improvement Project (India)

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

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

Water Supply and Wastewater

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.

- Water Supply and Wastewater
  - Water Resources Management

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

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

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
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.

**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.

**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.

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- **Left:** Kencho-mae Station on the Chiba Urban Monorail (Japan)
- **Right:** Kolkata East-West Metro Rail Project (India)

**Road and Bridge Project for Upgrading of National Road Route 1 (Djibouti)**

- **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**

- **Left:** Project for Upgrading of National Road Route 1 (Djibouti)
- **Right:** 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.
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.

Disaster Risk Management

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.

Reconstruction

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

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

Project for the Safe School Reconstruction in Divested Areas of Earthquake in Offshore of Padang in West Sumatra Region (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)
2009  Project for Improvement of Equipment of Bhutan Broadcasting Service Corporation (Bhutan)

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

2000  Establishment of Kolkata Office in India

2009  Establishment of Cairo Office in Egypt

2009  Establishment of San Paulo Office in Brazil

1999  Acquisition of ISO9001 Certificate

1998  Establishment of Korea Office

1991  Establishment of International Division

1986  Establishment of Sarir Newtown Project (Libya)

1977  Establishment of Jakarta Office in Indonesia

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

1962  Establishment of Yachiyo Engineering Co., Ltd.

1960  Registration of Engineering Consultants and Architects

1975  El Asan Cement Plant (Algeria)

1977  Water Resources Development Project in Benghaji (Libya)

1989  National Water Resources Master Plan (Zambia)

1993  Jakarta Solid Waste Management System Improvement Project (Indonesia)

1999  Acquisition of ISO14001 Certificate

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”

2007  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

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

2010  Number of permanent employees reaches 1000

2010  Establishment of Nigeria Office

2015  Establishment of Jakarta Office in Indonesia

2016  Project for Strengthening of Solid Waste Management in Dhaka City

2017  Project for Improvement of Equipment of Bhutan Broadcasting Service Corporation (Bhutan)

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

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

2009  Establishment of Kolkata Office in India

2009  Establishment of Cairo Office in Egypt

2009  Establishment of San Paulo Office in Brazil

2000  Acquisition of ISO14001 Certificate

1999  Acquisition of ISO9001 Certificate

1991  Establishment of International Division

1986  Establishment of Water Supply System at Majuro Atoll (Marshall Islands)

1981  Number of permanent employees reaches 500

1986  Water Supply System at Majuro Atoll (Marshall Islands)

1997  Kolkata Transport Infrastructure Development Project (India)

1993  Construction Machinery Training and Maintenance Center (Yemen)

1980  Sarir Newtown Project (Libya)

1980  Parana State Environmental Improvement Project (Brazil)

1980  Number of permanent employees reaches 500

1988  Water Supply System at Majuro Atoll (Marshall Islands)

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