

ORIENTAL CONSULTANTS GLOBAL

Global Consulting for Sustainable Development

Comprehensive and Integrated
Engineering Consulting Services
for the Global Market



MESSAGE FROM THE TOP MANAGEMENT

MESSAGE FROM OUR PRESIDENT

Oriental Consultants Global Co., Ltd. (OC Global) was formed in 2014 by spinning off the Global Consulting Division of Oriental Consultants Co., Ltd. (OC) (founded in December 1957), to form a separate, independent business entity.

OC Global takes advantage of its extensive international business experience and global networks to contribute to the development of the foundations of social environments and of peoples' lives around the world by providing planning, design, construction supervision, maintenance, and project management services. We aim to become a global firm as "the number one" in providing comprehensive management services.

Under the new management organization, OC Global's vision is to provide a safe and prosperous life to everyone around the world through our enthusiastic pursuit of knowledge and passion for self-improvement that is present in each and every one of our employees, and to conduct ourselves as a professional group that continuously drives to positively contribute to social improvements globally.

We look forward to more of your support in the future. Thank you.



A handwritten signature in black ink, appearing to read 'Eiji Yonezawa', written in a cursive style.

Eiji YONEZAWA
President
[Registered Engineer]

COMPANY PROFILE

OUR CLIENTS

We are committed to clearly understanding the particular requirements of each individual client. We aim to not just meet client expectations, but to exceed them at every step. Our broad client base includes:

- Public works and utilities agencies in Japan
- Japan International Cooperation Agency
- Japan Bank for International Cooperation
- Government agencies
- The United Nations
- The World Bank
- The Asian Development Bank
- The African Development Bank
- The European Bank for Reconstruction and Development
- Inter-American Development Bank
- Private developers
- Construction companies

OUR EMPLOYEES

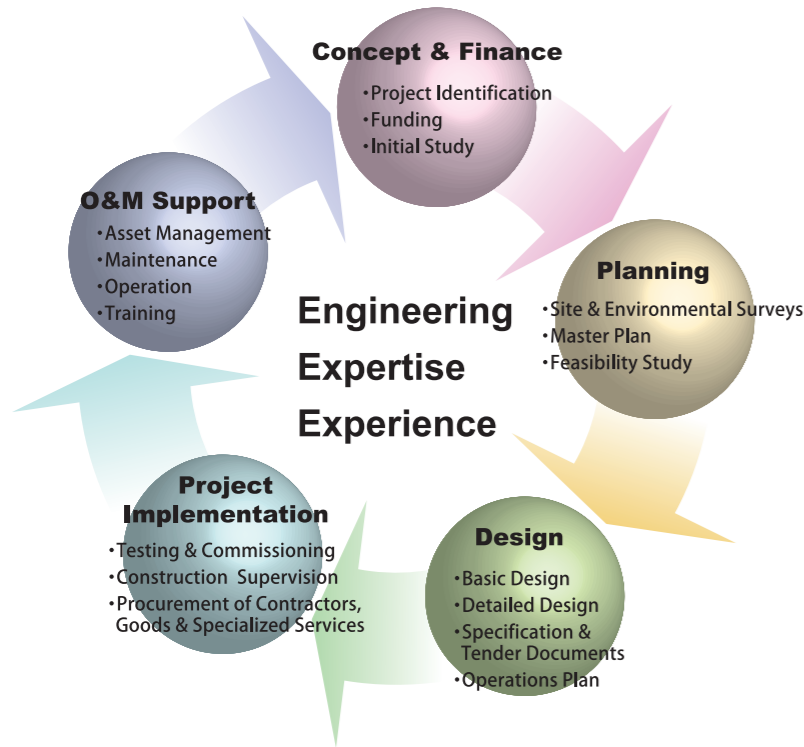
Our professional consultants are highly skilled men and women with a diverse range of technical specializations from planning, engineering and project management to environment and architecture. We invest heavily in our staff to ensure that their qualifications and skills are continually being upgraded. We seek to extract the full potential from our employees and keep them constantly stimulated and motivated to achieve the best results possible.

QUALITY POLICY

When you are as committed to technical excellence and achieving client trust as Oriental Consultants Global, you do everything possible to ensure the highest quality standards. We employ numerous quality assurance measures, ranging from our rigorous approach to staff development to complying with the requirements of major quality assurance schemes such as ISO9001.

TOTAL LIFECYCLE PROJECT SERVICES

PROVIDING SERVICES FOR THE ENTIRE PROJECT LIFECYCLE



Oriental Consultants Global provides services for all stages of the lifecycle of infrastructure projects.

Concept and Finance

A typical project begins life as a problem that needs to be solved: a city needs a new water source...economic growth is hampered by inadequate transport links...electricity demand is outstripping generation capacity. Our economists, engineers and social planners are able to analyze such problems, conceptualize alternative solutions, and identify possible funding alternatives.

Planning

When a clear direction is identified for the project, our planners and engineers can begin undertaking detailed studies to characterize the situation on the ground and develop detailed plans towards the appropriate structural solution while also identifying any possible social and environmental problems for which measures will be needed.

Design

When the planning process has resulted in selection of the appropriate site, scale of development, and technological solutions, detailed engineering design can begin. Oriental Consultants Global has particularly high-level expertise in all aspects of structural design; many of our designs have received special awards.

Project Implementation

With design in hand, it is time to create specifications, select construction firms, put contracts in place, and then supervise the construction process through to testing and commissioning. Our engineers and project management specialists have extensive experience in overseeing complex construction projects.

Operation and Maintenance (O & M) Support

Large items of infrastructure do not look after themselves. They require complex operational plans, asset management strategies, and constant technological improvement of associated structures and devices (lighting and signaling, computerized control systems, paint and linings, pavement marking, measuring and monitoring devices). Oriental Consultants Global has a long history of technological excellence in the operation and maintenance of all types of large infrastructure.

GLOBAL NETWORK

Oriental Consultants Global is active worldwide having conducted projects and studies in more than 150 different countries. We maintain overseas office in Manila, Colombo, Maputo, Cairo, Antananarivo, Jakarta, Bangkok, Hanoi, Dhaka and the following Subsidiaries:

- Panama: OC LATIN AMERICA, S.A.
- Brasil: ORIENTAL CONSULTANTS GLOBAL DO BRASIL LTDA
- Philippines: Oriental Consultants Philippines Inc.
- Indonesia: PT. Oriental Consultants Indonesia
- Thailand: Oriental Consultants Thailand Co., Ltd.
- Myanmar: Oriental Consultants Japan Co., Ltd.
- India: Oriental Consultants India Private Limited
- Qatar: Oriental Consultants Al Khaleej W.L.L.
- Uganda: OCG East Africa Limited.



- : OC Global Office
- : Overseas Subsidiary
- : Affiliated Company
- : Country where OC Global has completed Projects

LARGE SCALE PROJECT MANAGEMENT

PROVEN RESULTS IN MANAGING LARGE-SCALE INFRASTRUCTURE PROJECTS IN TRANSPORTATION, ENERGY AND URBAN DEVELOPMENT

Large-scale infrastructure projects stand out for being unusually large and complex. Upon completion, they transform the character of an area or cause a major boost to economic and social development. Examples include very large bridges or tunnels, urban mass transit systems, large hub airports, and major ports. Such enormous projects involve a multitude of technological disciplines and many uncertainties; the people responsible for such projects must possess highly developed project management and engineering skills, must be adaptable, creative and innovative, and must have an absolute commitment to getting the job done on time and within budget.

Oriental Consultants Global boasts many superior engineers experienced in taking overall responsibility for managing large-scale projects on behalf of clients. We can take responsibility for the entire project cycle from conception to operation and are well-versed in coordinating the activities of the many parties involved to ensure the complex array of work is carried out in the most efficient and effective way.

For the biggest and most challenging projects, you can rely on Oriental Consultants Global!

Suvarnabhumi International Airport (Bangkok, Thailand)

includes the world's largest single airport terminal building. We were responsible for overall project management of ground improvement, polder construction, the main terminal building, concourse, airport pavements, utilities, and highway and railway right-of-way networks.



Delhi Mass Rapid Transit System (India)

consists of three corridors of heavy rail urban transport to accommodate 2.2 million commuter trips per day. We were the lead consultants working for Delhi Metro Rail Corporation (DMRC).



Kuala Lumpur International Airport (Malaysia)

is the main gateway to rapidly growing Malaysia. We provided project management for the passenger terminal complex. The project was completed in only 6 years on schedule, within budget and to world-class quality standards.



Bosphorus Tube Crossing and Railway Improvement (Turkey)

will connect the Asian and European sides of the Bosphorus Strait by rail through an underwater immersed tube tunnel. When completed it will be the deepest tunnel of its type in the world at 56 m. As leader of the Consultants joint venture, we have been responsible for total project management.



Suez Canal Bridge Construction (Egypt)

connects the Sinai Peninsula to mainland Egypt and provided for an increase in the size of ships which ply the Canal. We oversaw construction of the bridge without disruption to the shipping operations on this major world waterway.



Laem Chabang Port (Thailand)

has overtaken Bangkok Port as the largest container port in Thailand. We provided planning and construction supervision for the entire port complex.

FIELDS OF SERVICE PROVIDED

TRANSPORTATION

BRIDGES, ROADS, HIGHWAYS AND TUNNELS



- ❶ Second Mekong International Bridge, Thailand and Laos
- ❷ Construction of A New Bridge Across the River Nile at Jinja, Uganda
- ❸ Pro-Poor Eastern Infrastructure Development Project, Sri Lanka
- ❹ Metro Manila Skyway, Philippines
- ❺ Indus Highway, Pakistan
- ❻ Kohat Tunnel, Pakistan
- ❼ Liuzhaike-Baiyin Expressway, China



Oriental Consultants Global is a leader in the field of transportation infrastructure and has a remarkable record of achievement in engineering services for the construction of new facilities and operation and upgrading of existing ones.

Our designs for large-scale bridges have won many awards for their superior function and striking visual forms. Capable in all forms of tunneling, we are especially noted for our expertise in immersed tube and shield tunneling methods. We have worked on the most important immersed tube tunnel projects in Japan as well as major projects overseas such as the Bosphorus Tube Crossing.

RAILWAYS AND MASS TRANSIT, AIRPORT AND AVIATION SERVICES, PORTS AND HARBORS



- ❶ Bali International Airport, Indonesia
- ❷ New Bacolod-Silay Airport, Philippines
- ❸ Light Rail Track Line I, Philippines
- ❹ Depok Railway Depot, Indonesia
- ❺ Rehabilitation of Railway Facilities, Mongolia
- ❻ Bourgas New Bulk Terminal, Bulgaria
- ❼ Jakarta Fishing Port, Indonesia



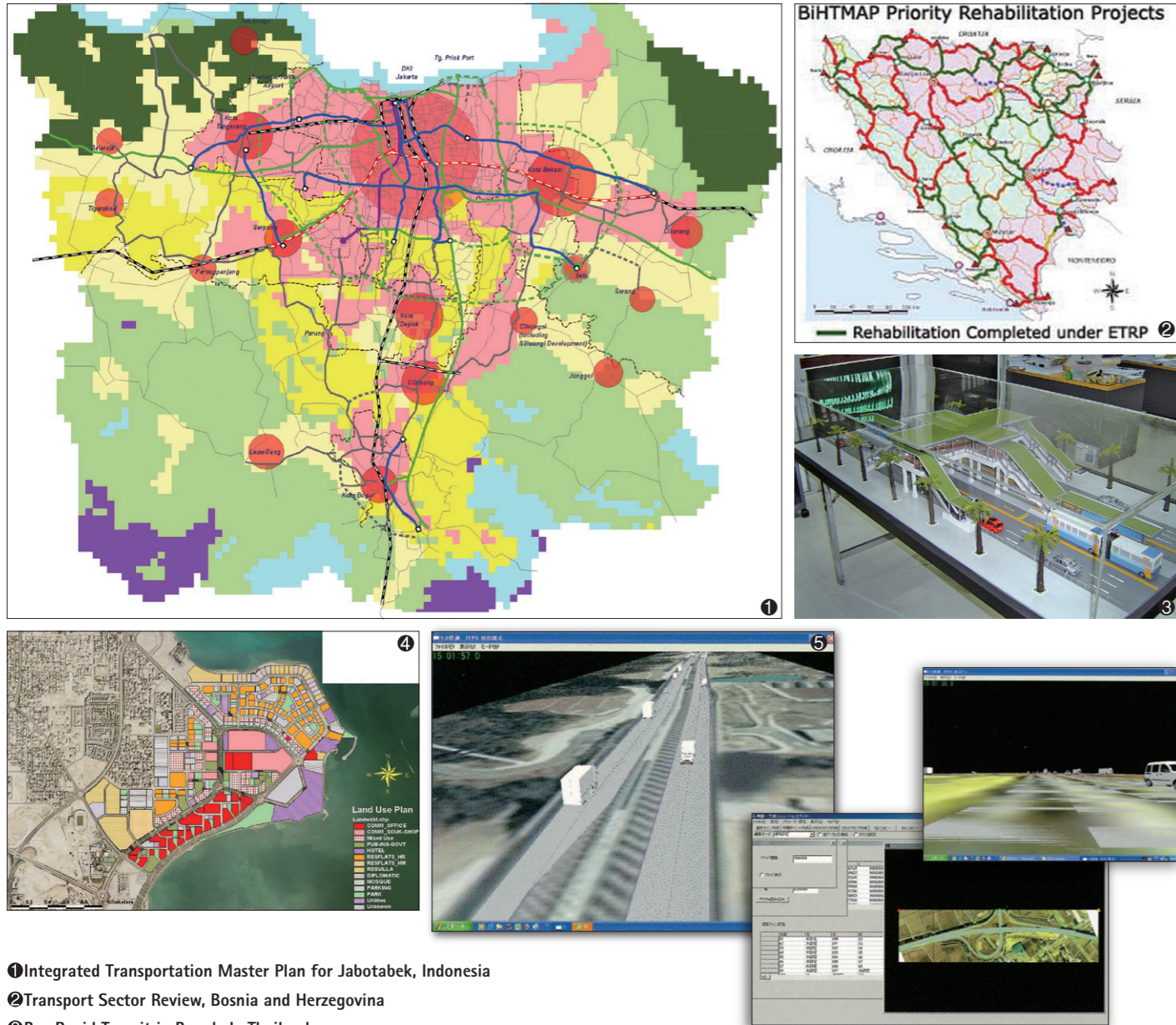
Oriental Consultants Global is highly experienced and possesses the latest and most advanced expertise in railways and other guided transport systems: conventional intercity or suburban trains, high-speed trains, subways, light rail, and monorails. Our services extend from conceptualization to implementation and from new systems to rehabilitation and upgrading of existing facilities.

We have completed more than 200 airport projects covering all phases of airport development from pre-investment to maintenance and operation, including the development of air traffic management systems. We provide overall planning for major port expansions and new port development for all types of terminal, fishing ports, dry and liquid bulk cargo terminals and roll on-roll off ferry ports. We also offer software services for terminal management and operation.

FIELDS OF SERVICE PROVIDED

TRANSPORTATION

TRANSPORT PLANNING AND INTELLIGENT TRANSPORT SYSTEMS

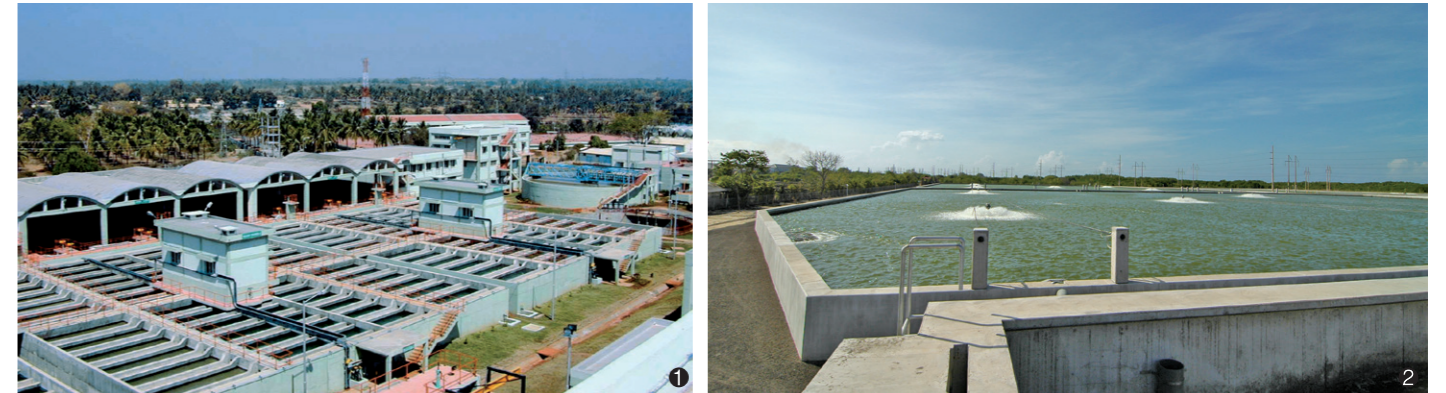


- ① Integrated Transportation Master Plan for Jabotabek, Indonesia
- ② Transport Sector Review, Bosnia and Herzegovina
- ③ Bus Rapid Transit in Bangkok, Thailand
- ④ West Bay Area Transport Study, Qatar
- ⑤ Development of Traffic Flow Simulation System

Oriental Consultants Global is highly accomplished in transport planning. We have led the preparation of integrated urban transport master plans for Jakarta, Bangkok, Cairo, Kuala Lumpur, and Manila as well as major cities in Japan. We conduct planning studies for all specific types of transport facilities. Our strength lies in our ability to take a multi-disciplinary approach involving economics, planning, engineering, and policy development.

Our traffic engineering skills extend to traffic forecasting models and traffic flow simulation models to develop safer and more efficient facilities. We are also experienced in developing and applying intelligent transport systems, traffic demand management, and special purpose facility plans.

WATER SUPPLY, DRAINAGE AND SEWERAGE



- ① Bangalore Water Supply and Sewerage, India
- ② Denpasar Sewerage Development, Indonesia

Our urban infrastructure capabilities have been used to support numerous water supply and wastewater projects ranging in scale from small rural villages to large urban areas.

While possessing the expertise and experience to undertake projects of the largest and most sophisticated scale, Oriental Consultants Global is also determined to assist the Millennium Development Goals of boosting access of the world's poorest people to safe drinking water and basic sanitation.

ENERGY DEVELOPMENT

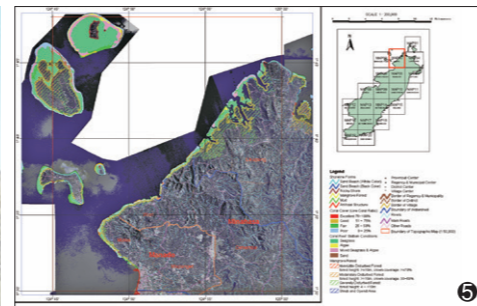
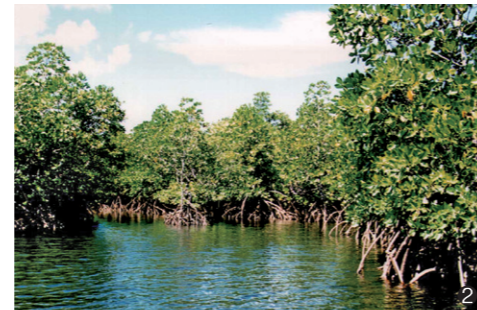


- ① Installation of Mobile Substations, Iraq
- ② Tambak Lorok 2x500MW Combined Cycle Power Plant, Indonesia
- ③ Gas Transmission and Distribution Project (South Sumatra - West Java), Indonesia

Our energy group has more than 20 years experience delivering energy development projects ranging in size from major power plants to local wind farms. We strive to create high quality, environmentally sound and cost-effective energy production assets. We have managed projects for traditional thermal power plants, renewable energy projects, power distribution systems, rural electrification, cogeneration plants, and gas distribution projects.

FIELDS OF SERVICE PROVIDED

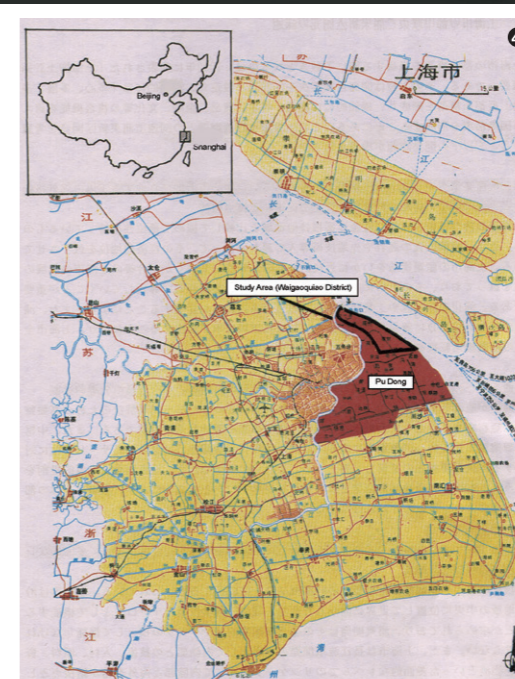
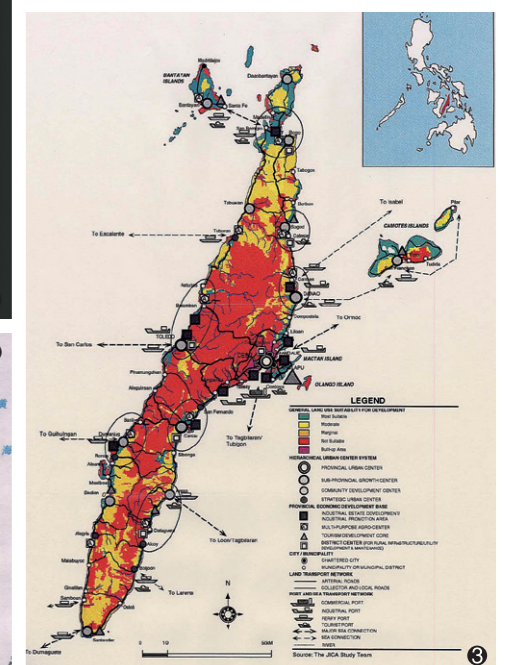
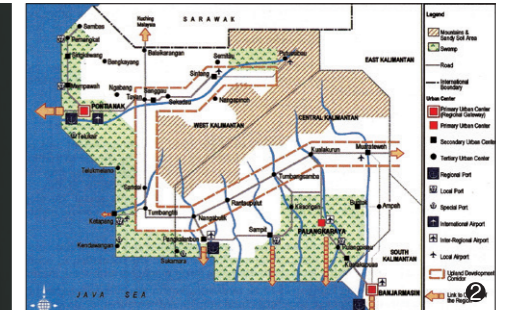
ENVIRONMENTAL MANAGEMENT & CLIMATE CHANGE CONSULTING



- ① Sustainable Environmental Management in Northern Palawan, Philippines
- ② Master Plan on Restoration, Conservation and Management of Mangroves, Oman
- ③ Reinforcement of the Fundamentals for CDM, Argentina
- ④ Study of Zafarana Wind Power Plant, Egypt
- ⑤ Integrated Coral Reef Management Plan in North Sulawesi, Indonesia
- ⑥ Acid Deposition Control Strategy, Thailand

Our multi-talented environmental division is internationally recognized in work ranging from pollution control and waste management planning to conservation plans for threatened ecosystems. We undertake environmental impact assessments for development projects, prepare problem analysis and impact mitigation plans, and conduct all types of environmental monitoring. Climate change is a global concern overshadowing all aspects of society, with the most intense focus centering on energy use and activities that influence greenhouse gas emissions. Oriental Consultants Global provides consulting services in Kyoto Protocol mechanisms (such as the Clean Development Mechanism / Joint Implementation), and our energy group assists clients with projects in renewable and new energy as well as energy conservation and efficiency.

URBAN AND REGIONAL PLANNING & DEVELOPMENT

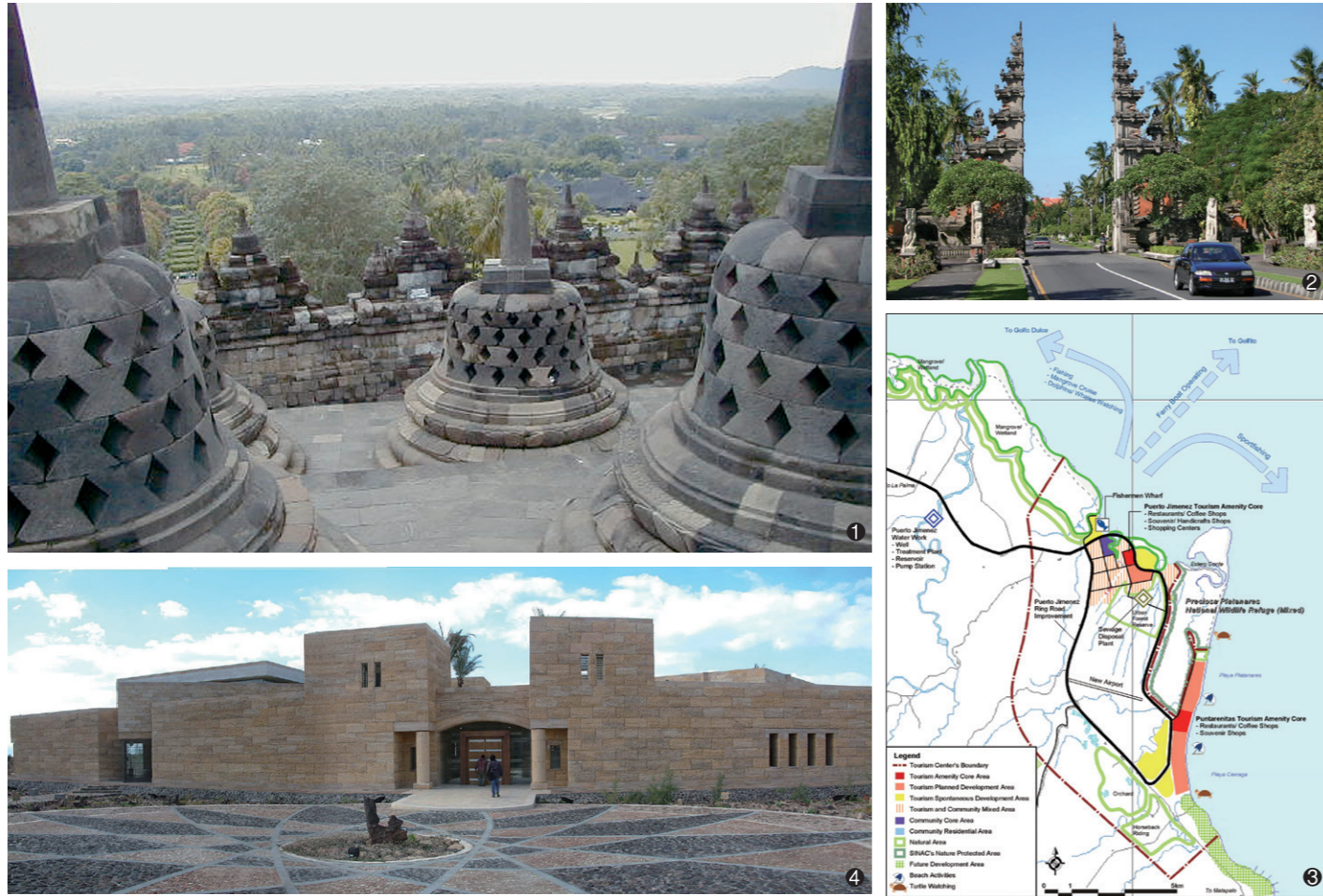


- ① National Master Plan, Qatar
- ② Comprehensive Regional Development Plan for the Western Part of Kalimantan, Indonesia
- ③ Cebu Integrated Area Development Master Plan, Philippines
- ④ Development Plan of Waigaoqiao District, Pu Dong, Shang Hai, China
- ⑤ Economic Development Policy in the Transition Toward a Market Oriented Economy, Viet Nam

Urban and regional planning is the discipline of balancing economic, social, and environmental analysis in a spatial and time-dependent framework to guide the development of cities and regions over periods of years and decades. It requires innovation and creativity and an ability to simultaneously apply a multitude of technical disciplines. Our specialists use these principles to prepare land-use plans, redevelopment plans, public facilities and utilities plans, residential development plans, and plans for brand new urban areas. We have conducted more than 40 major projects in 17 countries. Our superior expertise was demonstrated when our project team won a competition for a conceptual master plan for the city of Doha in Qatar. We were subsequently entrusted by the Government of Qatar with the task of developing a national master plan.

FIELDS OF SERVICE PROVIDED

TOURISM PLANNING AND DEVELOPMENT



- 1 National Archaeological Parks–Borobudur and Prambanan, Indonesia
- 2 Bali Tourism Development, Indonesia
- 3 Coastal Zones Tourist Planning Units, Costa Rica
- 4 Tourism Sector Development, Jordan

We provide a wide range of services to support innovative tourism development. Our forte is creating plans and guiding development of areas with unique natural and cultural assets. We have completed a number of projects for the development of eco-tourism and community-based tourism combining environmental conservation, cultural revitalization, and social development. Our engineering and architectural capabilities make an important contribution as we are traditionally skilled in design and construction management for hotels, visitor centers, museums, archaeological parks, and the like.

AGRICULTURE AND RURAL DEVELOPMENT

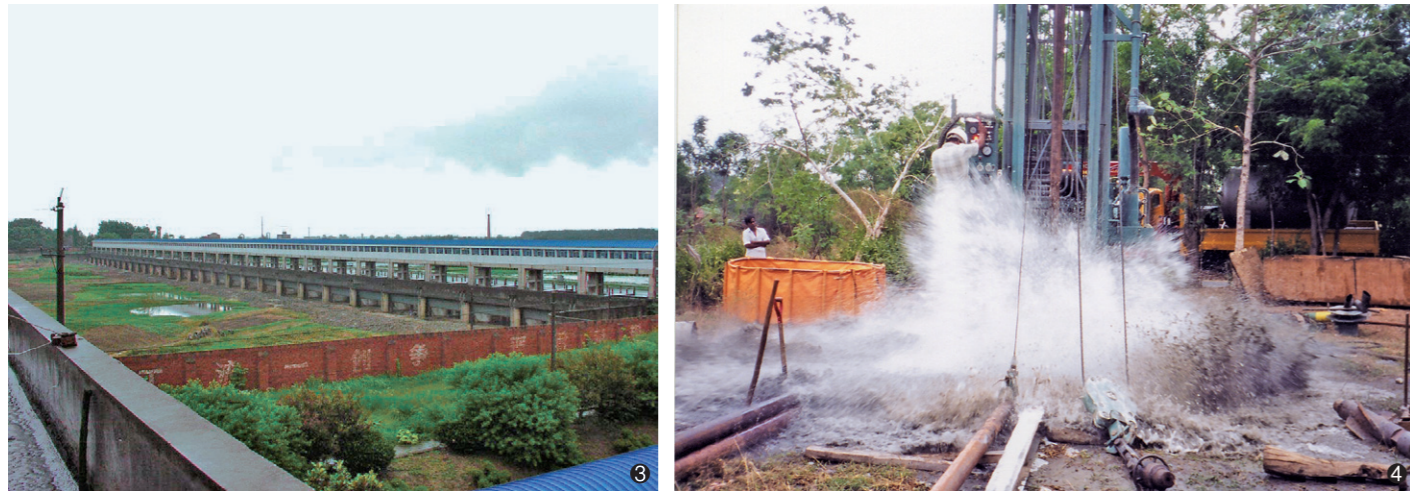


- 1 Upland Plantation and Land Development at Citarik Subwatershed, Indonesia
- 2 Development of the Oasis Zone, Mauritania
- 3 Jaiba Project Stage II, Brazil
- 4 AGLIPO Agricultural Development, Dominican Republic
- 5 Improvement Plan of Livestock Farming System in Rural Area, Mongolia
- 6 Degraded Land Restoration in Para State, Brazil

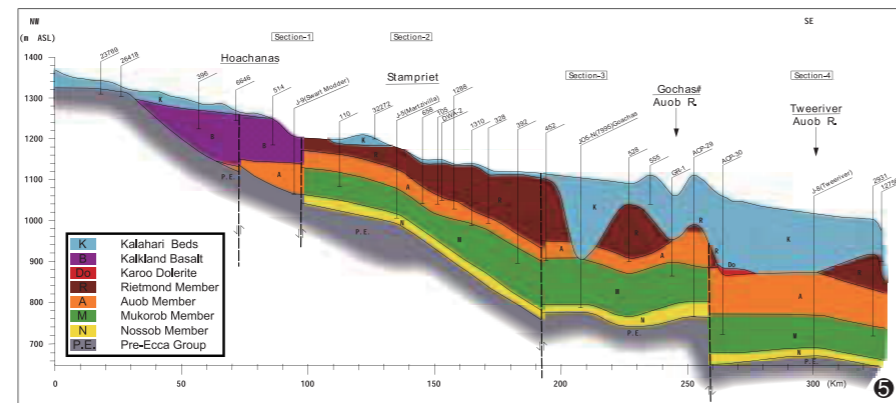
We support and invigorate agriculture and rural economic development at scales ranging from single villages up to thousands of square kilometers. We empower stakeholders to take control of their destiny as we assist them to manage their natural resources and improve sustainable food production. Our services include infrastructure development, agricultural sector strengthening, agro-industry development, institutional strengthening, and forestry and watershed management.

FIELDS OF SERVICE PROVIDED

WATER RESOURCES PLANNING AND MANAGEMENT

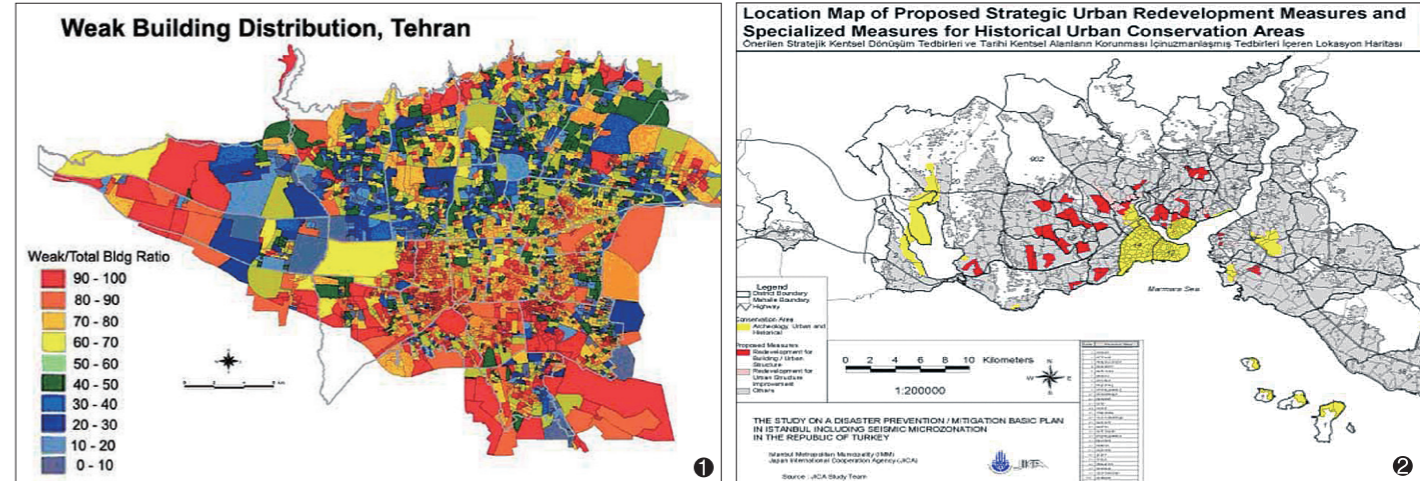


- 1 Flood Control Project in Citarum River Basin, Indonesia
- 2 Sediment Disaster Management in Choloma River Basin, Honduras
- 3 Improvement of Equipment for the Flood Control System of the Hanjiang River, China
- 4 Comprehensive Groundwater Resources Development, Sri Lanka
- 5 Groundwater Management Plan of Stampriet Artesian Basin, Namibia



Our water resources expertise spans the full range of services. We have completed numerous projects concerning this most precious of resources. Many of our projects are for large scale studies or projects such as integrated river basin management and the planning of urban water supplies. However, we are also active in conducting smaller scale but vitally important projects for rural water supply projects in which appropriate and low-cost technologies are paramount.

DISASTER PREVENTION AND RECOVERY



- 1 Comprehensive Master Plan Study on Urban Seismic Disaster Prevention and Management for Tehran City, Iran
- 2 The Study on a Disaster Prevention / Mitigation Basic Plan in Istanbul including Seismic Microzonation, Turkey

We specialize in the formulation of master plans for earthquake disaster management. Our superior expertise has been honed working in high-risk cities such as Tehran, Manila, and Istanbul. Our approach embodies development of a strategic framework to minimize vulnerability to urban disasters.

POST CONFLICT RECOVERY



- 1 Urgent Rehabilitation Support Programme in Kabul and Kandahar, Afghanistan
- 2 Reintegration and Community Development in Kandahar, Afghanistan

Our role in post-conflict countries focuses on infrastructure reconstruction and rehabilitation along with institutional capacity building and empowerment of civil society. We have worked in many of the world's most prominent war-affected countries, such as Afghanistan, Sri Lanka, Cambodia, East Timor, El Salvador, Angola, Mozambique, Bosnia-Herzegovina and Palestine.

FIELDS OF SERVICE PROVIDED

HEALTH AND EDUCATION



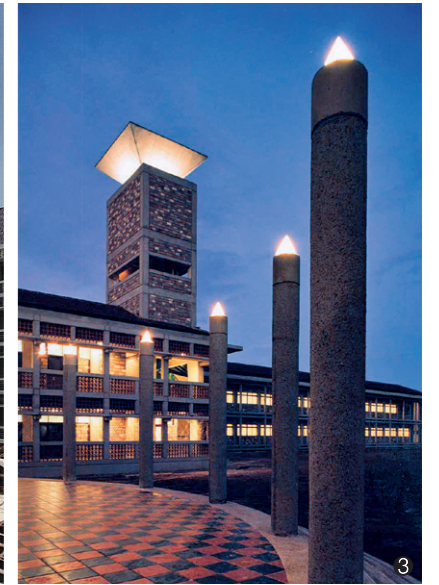
- ① Expansion of the University (Institute) of Nursing, Myanmar
- ② Secondary Education Development and Improvement, Philippines
- ③ The National Tuberculosis Center, Cambodia
- ④ Infrastructure Support and Educational Equipment Supply to National Teacher Training College in Maseru, Lesotho

Our education and health experts assist governments to improve the delivery of health services and education. We specialize in designing and managing the construction and outfitting of facilities and assist with curriculum development, information technology systems, and planning of health and education networks. We also help governments with system restructuring such as privatization and decentralization providing beneficiaries with a sense of ownership in the process.

FIRM PROFILE

Name in Full : Oriental Consultants Global Co., Ltd.
Establishment : 1957
Capital : ¥490,000,000
President : Eiji YONEZAWA
Employees : 1242 (as of March 1, 2023)

ARCHITECTURE



- ① Bogor University, Indonesia
- ② Indonesia University of Education, Indonesia
- ③ African Institute for Capacity Development, Kenya
- ④ Beijing Center for Japanese, China
- ⑤ Jakarta Japanese School (JJS), Indonesia

Our architectural design department boasts registered first class architects, professional architectural advisors and technical consultants. We specialize in local cultural designs that harmonize the heritage and environment of the host area. Our numerous experiences extend from education and health facilities to infrastructure, tourist, and commercial facilities.

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