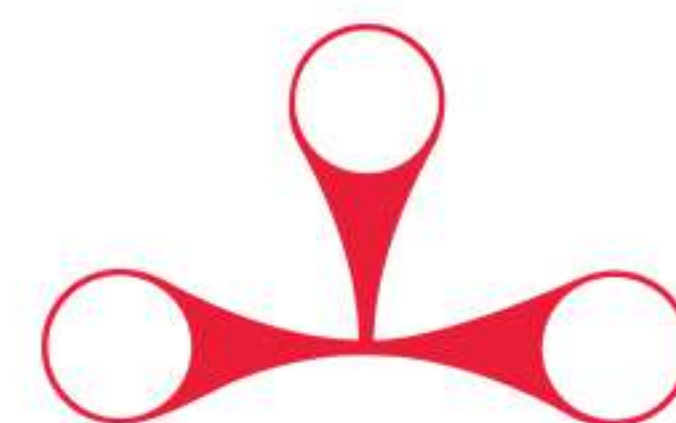




INNOVATIVE, SUSTAINABLE SOLUTIONS



WWW.ROUGHTON.COM

ABOUT US

Roughton is a global engineering consultancy firm based in the UK. Complex regulatory environments worldwide mean that today's solutions need to be strategic, customised, and achievable. Our high-performance standards stem from our acclaimed team, bringing with them 70 years of expertise and reliability. Roughton's prestigious clientele includes clients in over 100 countries, across Asia, Africa, Europe, Latin America, the Middle East, the Caribbean, and the Pacific.

Since our establishment in 1952, we have been responsible for iconic examples of infrastructure. We have been part of a revolution in construction engineering, using state-of-the-art practices to solve real-world challenges. In 2017, Roughton was assimilated into the MG Group of companies, bringing with it a wealth of expertise, new synergies, and specialisations.

WHAT WE OFFER

Our high-performance standards range across public and private organisations using several forms of procurement contracts, including Early Contractor Involvement (ECI), Design and Build (D&B), Public-Private Partnerships (PPP), and other forms of traditional contracts.

Our infrastructure solutions span several sectors: roads, ports, urban upgrading, buildings, renewable energy, water & wastewater, and irrigation. Each sector brings its own technically demanding challenges, and we bring revolutionary solutions to our projects. Drawing on both international experts and regional knowledge, we take a holistic approach to meet your needs.

Roughton can also connect clients with secure financial sources, such as banks, export credit agencies, and private sector investors. Our projects are scrutinised carefully to maximise our clients' return on investment. Economically feasible projects are something we can deliver, on time, on budget, and on target.

WORLDWIDE PROJECT LOCATIONS

| Africa

Angola	Benin
Botswana	Cape Verde
Congo	Ethiopia
Gambia	Ghana
Ivory Coast	Tunisia
Uganda	Zambia
Lesotho	Liberia
Madagascar	Malawi
Mauritius	Mozambique
Nigeria	Rwanda
Seychelles	Sierra Leone
Somalia	Sudan
Eswatini	Tanzania

| Latin America

Bolivia	Costa Rica
Honduras	Nicaragua
Peru	

| Europe

Germany	United Kingdom
Cyprus	Bosnia & Herzegovina
Moldova	Albania
Armenia	Serbia
Georgia	Turkey
Romania	Montenegro
Kosovo	Republic of Ireland
Belarus	North Macedonia

| Caribbean

Belize	Dominican Republic
Grenada	Guyana
Haiti	Jamaica
Montserrat	St Lucia
Suriname	Trinidad & Tobago
St Kitts & Nevis	
St Vincent and the Grenadines	
Turks & Caicos Islands	

| Asia

India	Bangladesh	Cambodia
East Timor	Nepal	Indonesia
Kazakhstan	Kyrgyz Republic	Lao PDR
Myanmar	Russia	Pakistan
Philippines	Sri Lanka	Tajikistan
Thailand	Vietnam	Bhutan
Uzbekistan		

| Oceania

Fiji	Kiribati
Vanuatu	Papua New Guinea
Samoa	Solomon Islands
Tonga	Cook Islands

| Middle East

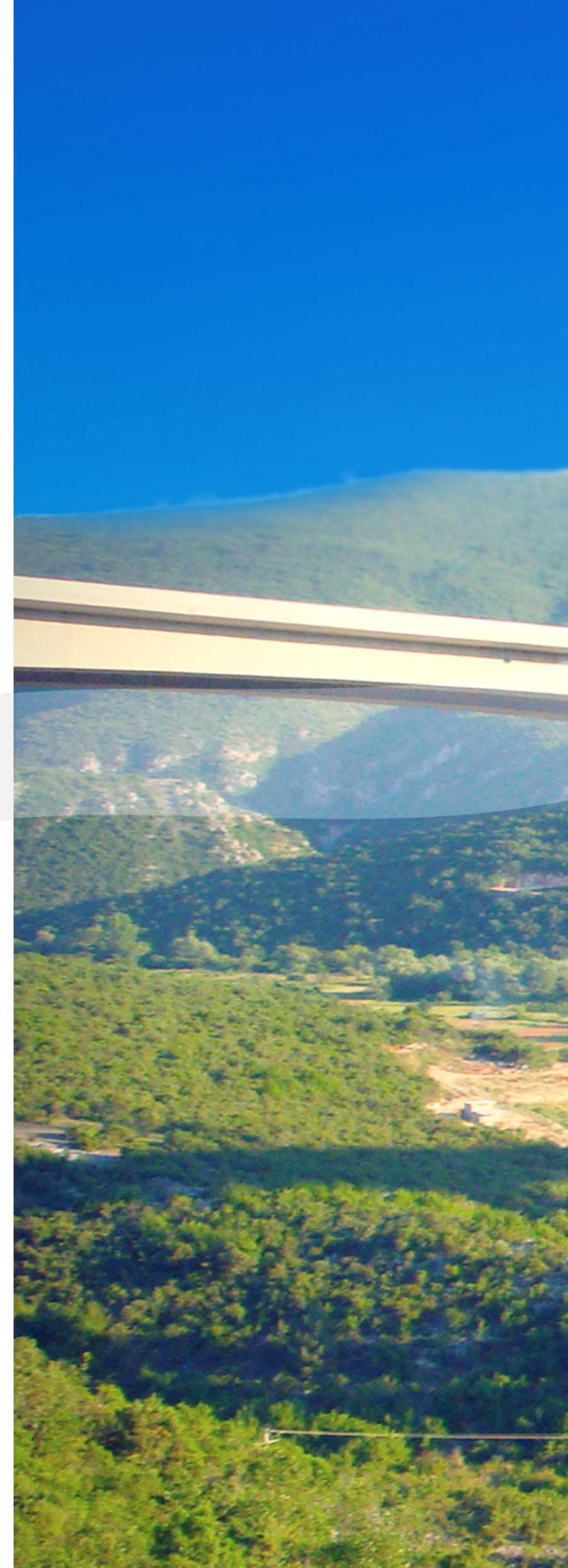
Abu Dhabi	Dubai	Oman
Jordan	Kuwait	



ROADS & RAILWAYS

A major cornerstone of a country's socio-economic success is interconnecting cities through transportation systems. We have worked with over 50 national transport authorities and ministries worldwide, facilitating the connection of people, towns, and metropolises. Our projects have included expressways, highways, rural roads, bridges, and railways.

Our engineers and specialists understand their discipline as well as communities. They also appreciate the fundamental and wide-ranging effects that well-structured transportation networks can have on economic, environmental, and social prosperity. We can ensure our clients' funds are used in the most cost-effective way.



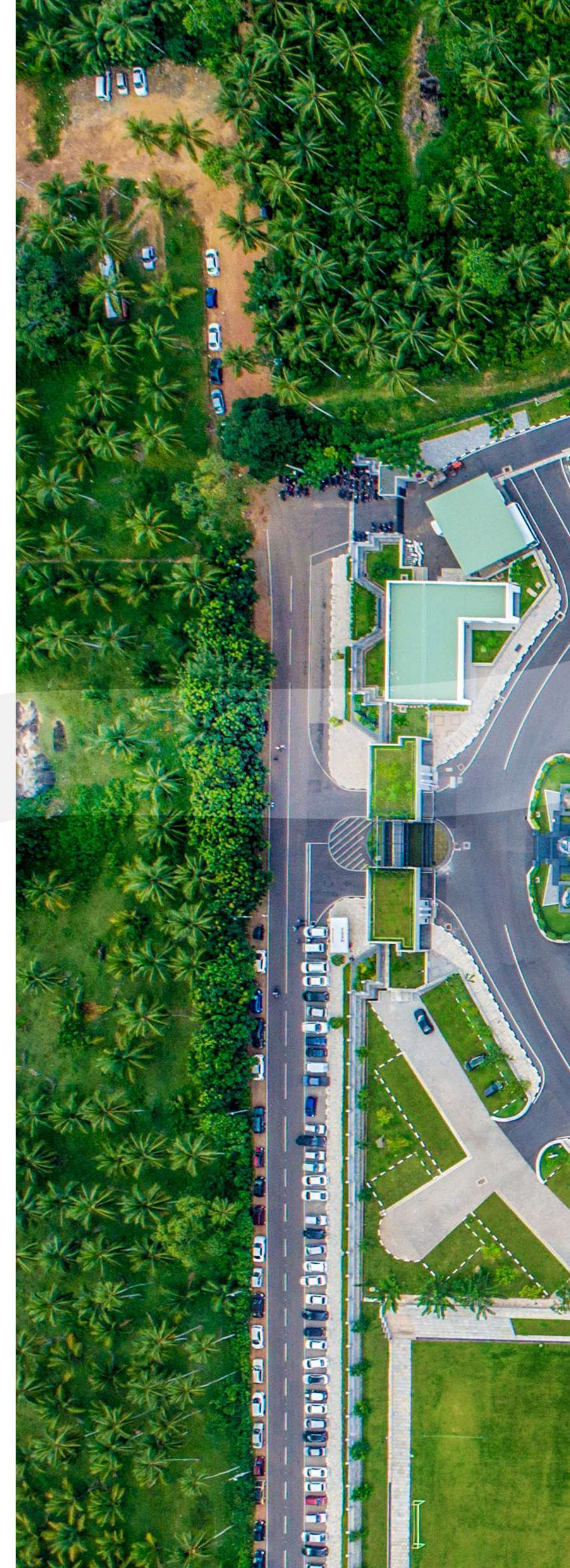


Roughton is supporting development of **Bosnia & Herzegovina's infrastructure**; this section of **TEN - 1 motorway on Corridor 5c** includes dual tube tunnels and long-span bridges and viaducts, contributing to improved regional transport, connectivity and trade with the European Union.



BUILDINGS

The well-being of communities is closely connected to integrated building and infrastructure solutions. Our expertise encompasses architecture, structural engineering, building services, and surveying. We have designed modern, resilient structures. We believe in the importance of an eco-friendly, energy-efficient, functional, and aesthetically pleasing space. Roughton designed the Award-Winning Green University in Sri Lanka, National School of Business Management; the first of a kind in South Asia.



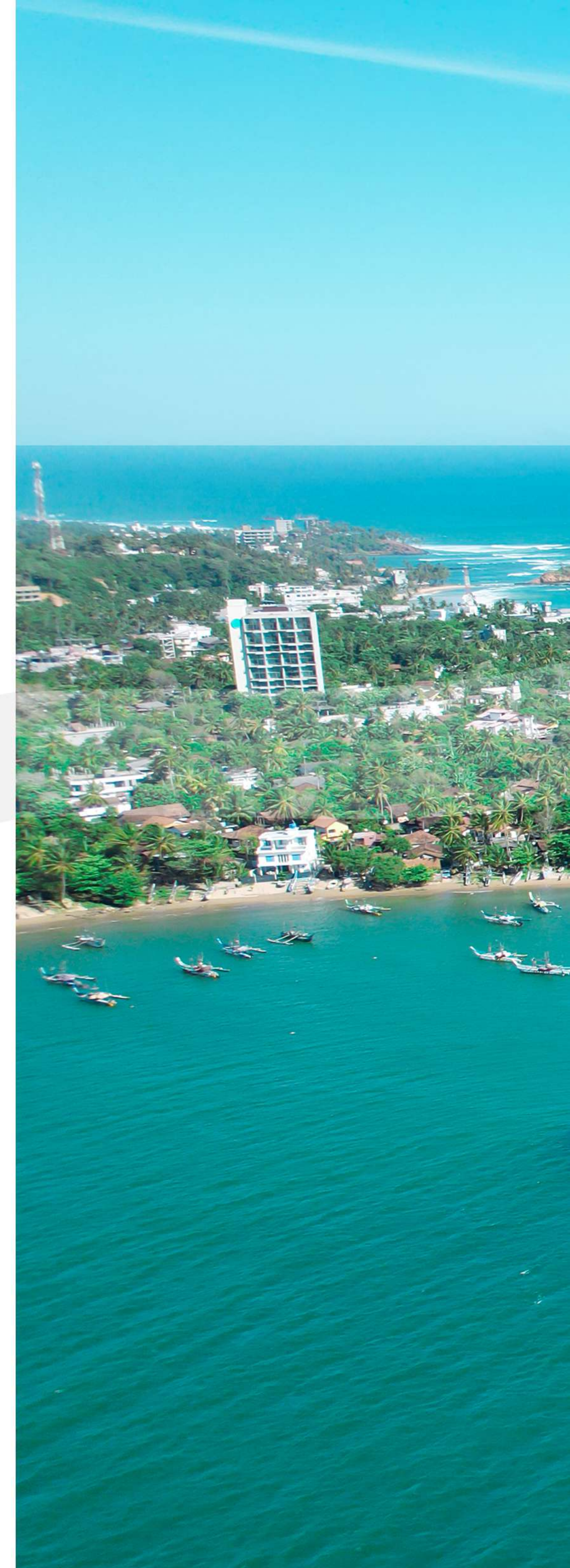


PORTS & HARBOURS

Increasing demands are being placed on ports. They are at the heart of networks that support everyday lives with the transportation and distribution of commodities, goods, and services. Investment in the ports that allows for goods to flow is more crucial than ever. In the diverse locations we have operated in, our specialists have developed feasible, practical, maritime engineering solutions to communities.

In order to maximise efficiency, expertise spans Port, Coastal, and Structural Engineering, Architects, Quantity Surveyors, Economists, Sociologists, and Environmentalists. A key element of coherent maritime design is offering an entire project life cycle from initial feasibility studies to environmental assessment to implementation. Because our expertise is so comprehensive, we have been able to successfully deliver on a multitude of large-scale maritime projects over the years. In Sri Lanka with its 1340 km of coastline, we are a recognised source of expertise, having worked closely with clients to provide practical solutions, reduce the footprint of the project, mitigate risks, and reduce costs where possible.

We lent our comprehensive consultancy expertise to commercial development projects carried out by the Sri Lanka Ports Authority, and local economic development projects such as fishery harbours, making Sri Lanka's 1,340km coastline more accessible to the rest of the world.

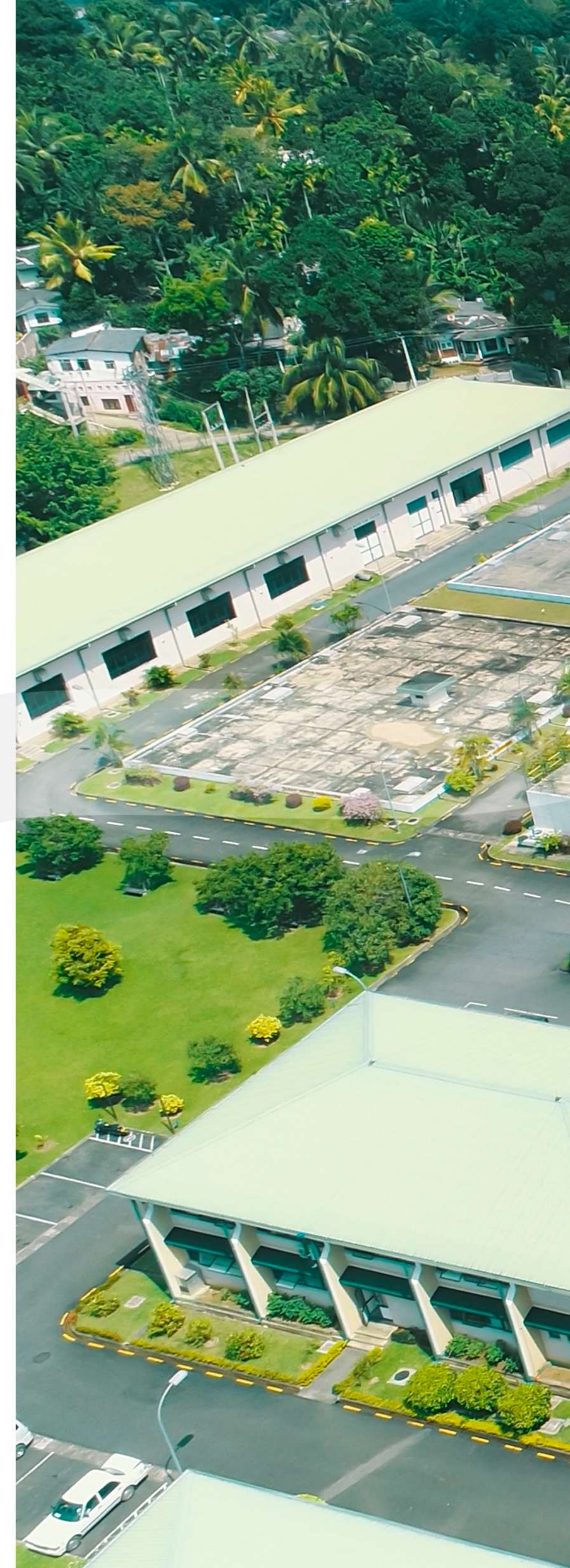




WATER & WASTEWATER

We offer strong solutions to water management. The problem is framed by rapid urbanisation, stricter environmental regulations, and the need for sustainable management of this vital resource. Our teams cover all stages of a project lifecycle.

From research and feasibility studies to concept design, we bring our clients integrated solutions. Roughton professionals from hydrologists, hydraulic & drainage engineers, agronomists, environmentalists, geologists, and civil engineers, all share a desire to earn the trust and exceed the expectations of their clients.



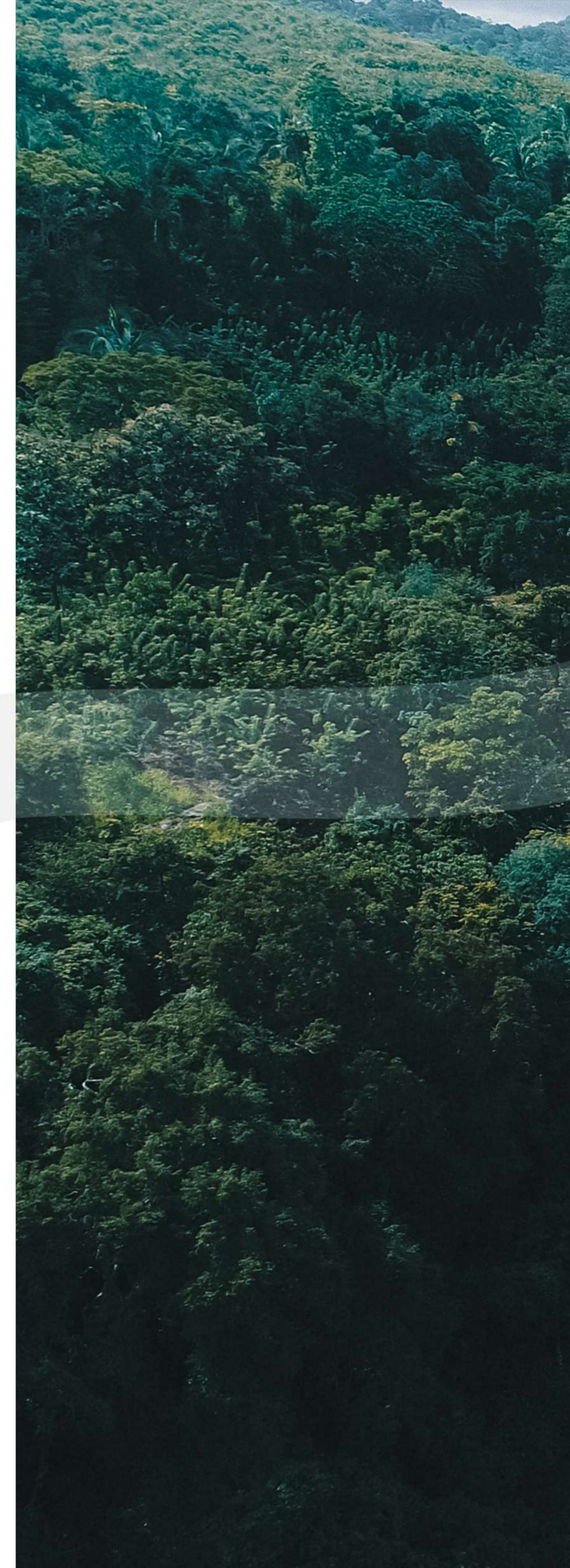


RENEWABLE ENERGY

We Build, Own, and Operate small Hydropower, Solar and Wind Energy projects in the Asian and African regions. Today the increasing need for clean energy through the greater use of hydropower is a socio-political necessity as well as part of the renewable energy mix.

According to the International Energy Agency “Resilient hydropower can play a key role in allowing Africa to meet SDGs, implement clean energy transitions, and adapt to climate change.” We are here to make it happen and to bring you the best practice gained from 23 years of international expertise.

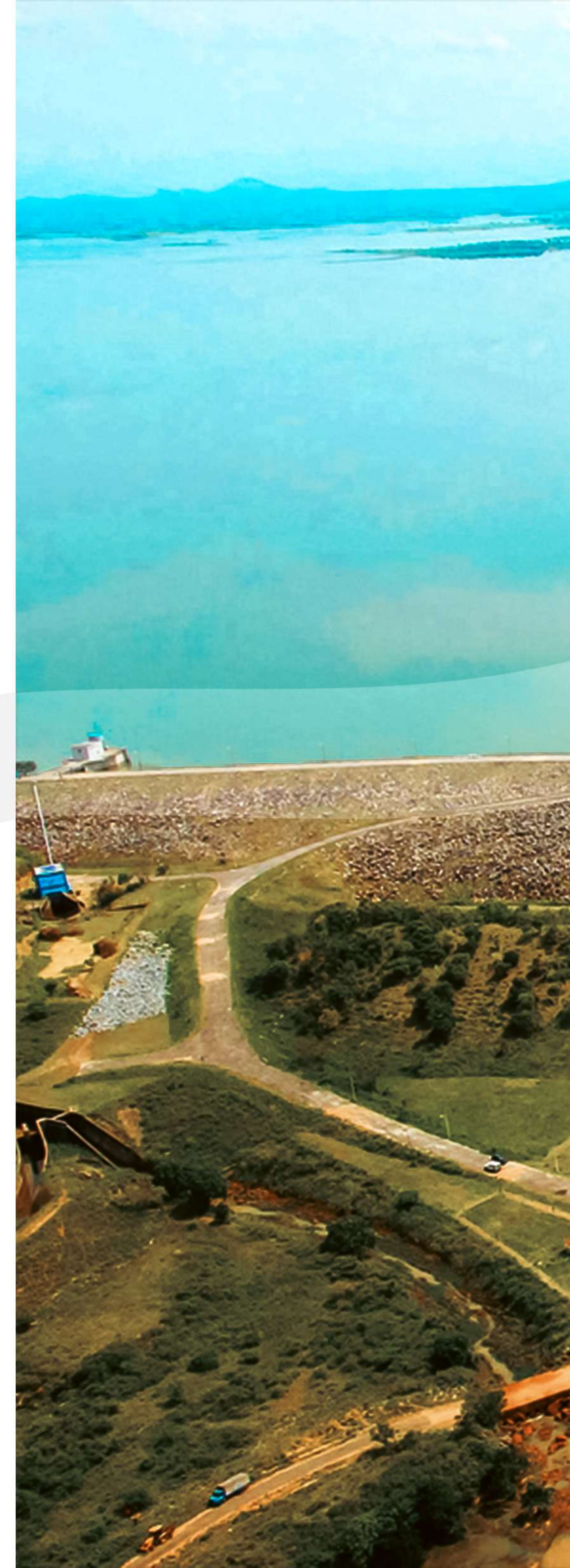
From concept and feasibility studies to detailed design and tenders, we can involve all or some of our disciplines; electro-mechanical, geological, hydrology, and technical and financial feasibility. We use established and robust technologies in our projects, as well as bringing the diverse perspective of an owner.





IRRIGATION

Rural economies have a close focus on irrigation. State-of-the-art water-saving technologies are inseparable from the multiple societal benefits that follow. We can either modernise an established system or create a new fully functional system to optimise the sustainable and productive use of water. Going beyond hydraulic calculations, Roughton will deliver a technical, commercial, and integrated irrigation and drainage solution.





OUR CAPABILITIES



WWW.ROUGHTON.COM

OUR CAPABILITIES >

PROJECT PLANNING PHASE

- Environmental Impact Assessments
- Social Impact Assessments
- Economic Feasibility Assessments
- Technical Feasibility Assessments
- Land Surveys
- Traffic Surveys
- Geotechnical Investigations
- Technical Assistance
- Climate Vulnerability and Risk Assessments
- Climate Resilient Infrastructure Planning

A large, light gray wavy line curves across the top and right side of the page, framing the content.

OUR CAPABILITIES > DESIGN PHASE

RURAL ROADS, HIGHWAYS AND EXPRESSWAYS

- Geometric Designs
- Structural Designs
- Geotechnical Designs
- Drainage and Hydrology Designs
- Road Furniture Designs
- Landscaping
- Road Lighting Designs
- Toll Facility Designs

BUILT ENVIRONMENTS AND INDUSTRIAL FACILITIES

- Master Plan Developments
- Conceptual Designs
- Detailed Architectural Designs
- Detailed Structural Designs
- Detailed MEP Services Designs
- Green & Sustainable Designs
- Interior Designs & Landscaping

PORTS AND HARBOURS

- Preparation of Master Plans
in Ports and Fishery Harbour
Development
- Design of maritime
& coastal structures

WATER AND WASTEWATER

- Master Plan Developments
- Network Modeling &
Hydraulic Designing
- Designing of Water Intakes,
Treatment Plants and Water
Retaining Structures
- Design of related Electrical
and Mechanical Installations

SMALL HYDRO POWER PLANTS

- Civil and Structural Designs
- Electromechanical Designs

OUR CAPABILITIES



WWW.ROUGHTON.COM

OUR CAPABILITIES >

PROCUREMENT PHASE

- Preparation of Tender Documents
- Tender Evaluations

OUR CAPABILITIES >

CONSTRUCTION PHASE

- Project Management
- Construction Supervision
- Contract Administration
- Claims Management
- Dispute Avoidance
- Dispute Resolution
- Safety Audits
- Environmental & Social Impact Monitoring
- Cost Consultancy Services
- Value Engineering

OUR CAPABILITIES > TECHNOLOGY

SERVICES



- PMO Services and Program/ Project Governance
- Business Transformation Consultancy
- Digital Agility Consultancy
- Technology Driven Digital Infrastructure Services
- People Change Management Consultancy
- Technology Driven Operational Transformation Services
- End to End Business Technology Alignment
- Business Solutions Implementation Consultancy
- Developing scenarios for electric vehicle uptake

PRODUCTS



• **Data-Driven Infrastructure Solutions**

We offer affordable cloud-based state-of-the-art technological solutions for engineering infrastructure supervision, management, and maintenance.

• **IoT Based Fleet Management Solutions**

We have firmly established ourselves as a provider of spatio-temporal data-driven products and solutions to business problems and scenarios in the Fleet domain arena to increase productivity, reduce operational costs, enhance security, and increase quality and customer satisfaction.

WITH DIVERSE SOLUTIONS
TO **DARING** ENGINEERING
CHALLENGES, A BRIGHTER
TOMORROW AWAITS.



WWW.ROUGHTON.COM

Head Office

A1 Omega Park, Electron Way,
Chandlers Ford, Hampshire, SO53 4SE.

Tel : +44 (0)23 6155 0142
E-mail : info@roughtron.com

INNOVATIVE,
SUSTAINABLE SOLUTIONS



WWW.ROUGHTON.COM