



R•E•I
ROHAS EUCO INDUSTRIES BHD

CORPORATE PROFILE

R•E•I | CONTENTS

● CORPORATE INFORMATION

- About REI
- Significant Milestones
- REI Group of Companies
- Human Capital
- Organisation Structure
- Business Global Market Reach
- Awards & Certifications
- Project List

● INDUSTRIES

ENERGY

- Manufacturing
- Engineering
- Project Management

TELECOMMUNICATIONS

- Manufacturing
- Engineering
- Project Management

WATER

- Manufacturing
- Engineering
- Project Management
- Engineering, Procurement, Commissioning

STEEL FABRICATION

- Manufacturing
- Engineering

● Contact Information



R•E•I | CORPORATE INFORMATION

Our technical expertise - honed over half a century of experience - coupled with fresh approaches and innovative ideas, has resulted in mutual success for us and our clients.



R•E•I | ABOUT REI

Since our incorporation in 1961, REI (Rohas-Euco Industries Berhad) has grown to become a global infrastructure company and a leader in the power, telecommunication, water and steel fabrication industries. Through expansion and engineering innovation, REI has grown its stable of companies capable of offering a range of services such as manufacturing, engineering, project management, construction and EPC contracts.



Growing regionally and globally means that REI now welcomes to its workforce of almost 500 people - talented and skilled human resources from over 10 different countries. Over the last decade, REI's capabilities has brought power, connectivity and clean water to many communities around the world; elevating and changing the lives of millions, for the better.



GROUP OF COMPANIES



ROHAS EUCO INDUSTRIES BHD

POTAGLAS SDN BHD

GALVANISING ENGINEERING & SERVICES SDN BHD

REI RESOURCES SDN BHD

SPBA ENGINEERING SDN BHD

REI-BIWATER CONSORTIUM SDN BHD

APL TECH INDUSTRY SDN BHD

ASIACOM-PLUSPACIFIC, INC.

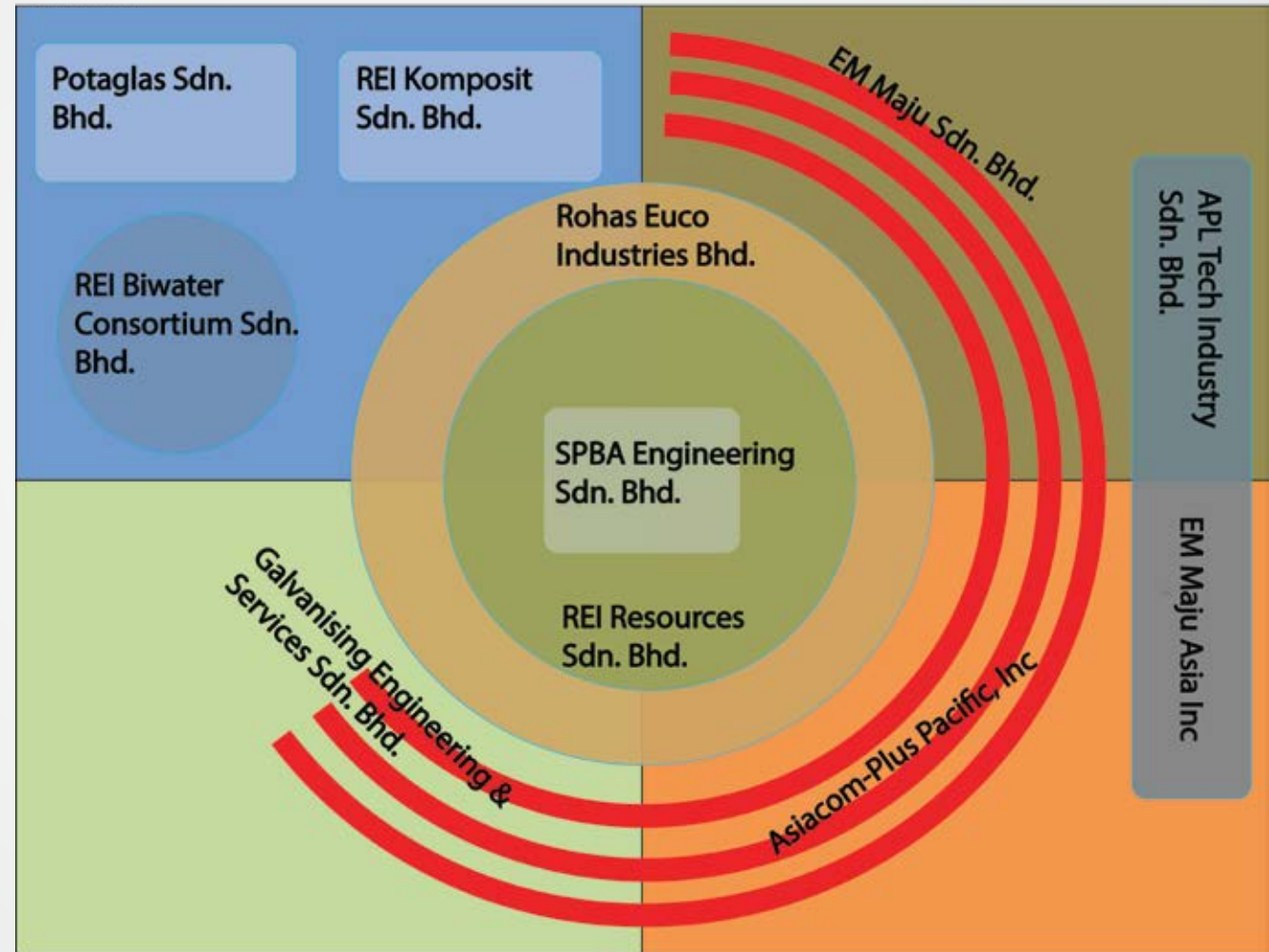
EM MAJU SDN BHD

EM MAJU ASIA INC

BRIDGESTONE REI KOMPOSIT SDN BHD

Water

Telecommunication



Steel Fabrication

Energy



Managing Director,
George Sia



Executive Director,
Mustafa bin
Mohamed Najimudin



Group Chief Operating
Officer,
Leong Wai Yuan



General Manager
Finance & Administration,
Edward Yew



COO Potaglas Tank Sdn
Bhd,
Hafiz Chai



Senior Manager for HR &
General Administration,
Mary Yeo



Head of Business Process
Improvement,
Chan Sai Hoow



General Manager
Engineering & Design,
Dr. Cheah



COO, Production Manager
GES,
Tommy Leong Cheek Leng

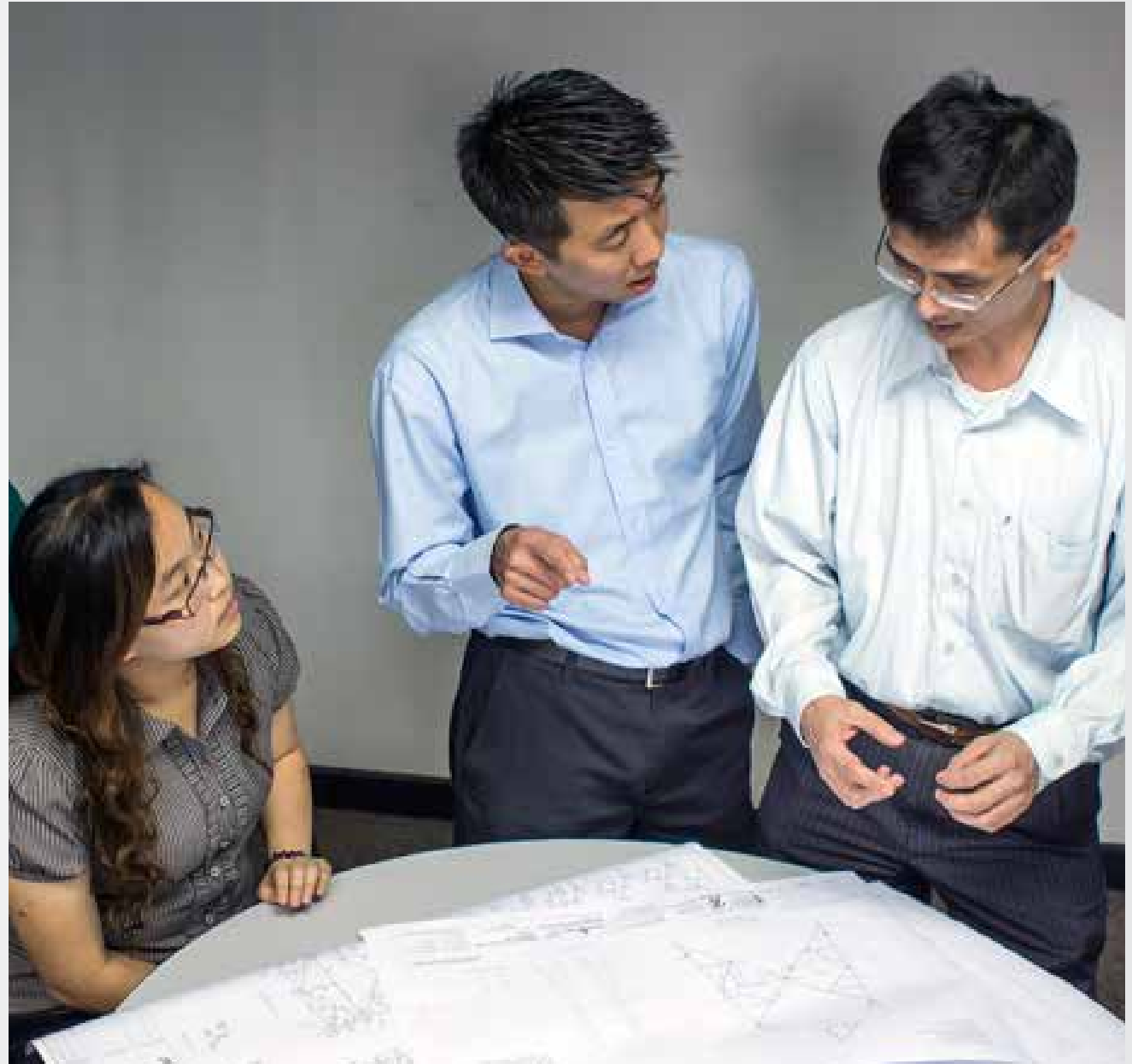
R•E•I | HUMAN CAPITAL

● Number of Employees:

● 460

● Nationalities:

● 8 countries





BUSINESS GLOBAL MARKET REACH



High Tension Electrical Transmission Towers



Electrical Switchyard Structures



Telecommunications Structures



GRP / FRP Water Tanks



Pressed Steel Water Tanks



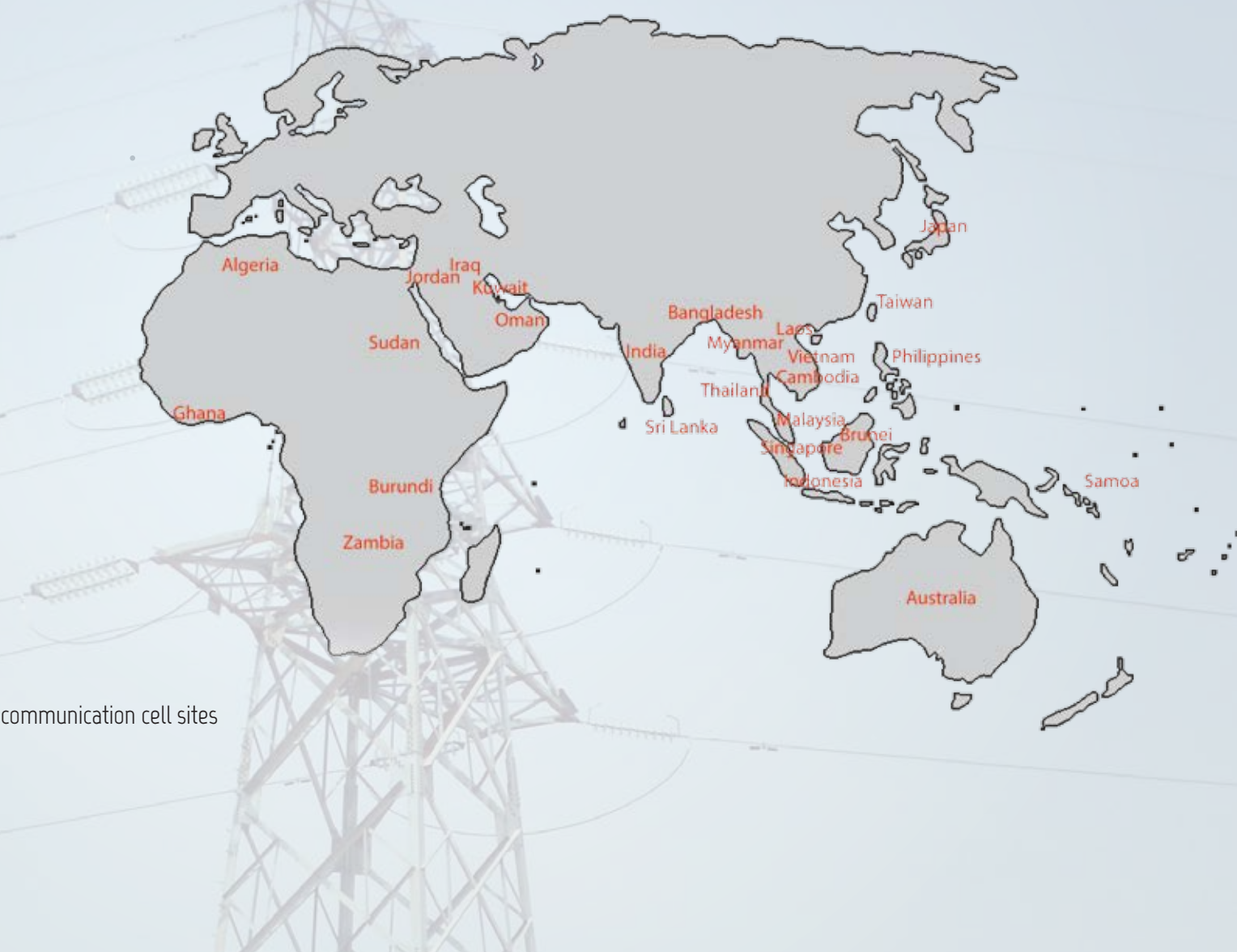
Hot Dip Galvanizing Services



Inflatable Rubber Dam

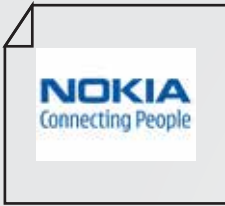


Engineering, Procurement and Construction of Telecommunication cell sites





R•E•I | PROJECT LIST



2002 – 2004
Philippines
Nokia Philippines Inc
RM32.68m
Full-turnkey; site acquisition, design and build for Globe Telecom Philippines



2005 – 2007
Malaysia
Fujikura Pvt. Ltd.
RM43m
500kV transmission line works for Jimah



2008
Malaysia
Sarwaja Timur Sdn. Bhd.
RM24.80m
275kV Engkili – Entinggan Transmission line project



2004 – 2007
Philippines
TM International Limited
RM30.5m
Design, manufacture, supply, installation and testing of Greenfield towers



2007
Sri Lanka
Dialog Telekom Limited
RM16m
Design, supply, testing and commissioning of Greenfield Telecommunication towers



2009
Philippines
Ericsson Telecommunication Inc
RM37.2m
Full-turnkey implementation at 124 sites



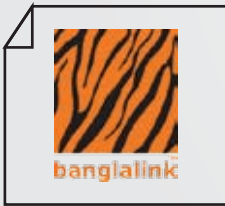
2004
Philippines
Globe Telecom
RM30m
Design & Supply of telecommunication towers



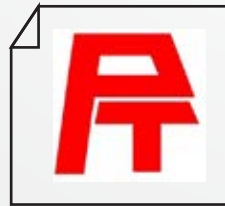
2007 - 2008
Philippines
DMPI (subsidiary of Digitel)
RM10.25m
Full-turnkey; site acquisition, local authority submission, erection & construction of BTS



2010
Laos
Electricite Du Laos, Lao People's Democratic Republic
RM24.80m
Design, manufacture, installation, civil works, testing, commissioning and repairing of towers, substations and hydraulic turbine.



2005 – present
Bangladesh
Sheba Telecom (Pvt) Ltd (now known as "Banglalink")
RM102.5m
Design and supply of 432 units of telecommunication towers



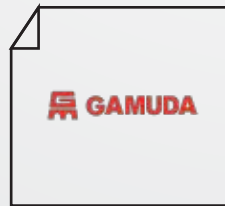
2008
Cambodia
Pestech Sdn. Bhd.
RM13.33m
Design, manufacture & supply of 230kV Lattice tower



2010 – present
Malaysia
U Mobile Sdn. Bhd.
RM4.58m
Full-turnkey project; design, supply, construction and installation of monopoles and 3G UMTS sites.



2005 – 2006
Malaysia
Digi Telecommunications Sdn. Bhd.
RM36m
Full-turnkey for the design, construction and implementation of GSM 1800 sites



2008
Vietnam
Gamuda Engineering Sdn. Bhd.
RM9.30m
275/132kV transmission line at Yen So Park Development Project, Hanoi



2010
Malaysia
Tenaga Nasional Bhd.
RM21.1m
Design, manufacture & supply of 275/132kV quadruple circuit compact monopole

R•E•I | PROJECT LIST

2009

Malaysia

Penulaju Sdn. Bhd.

RM1.5m

132kV LILO at Unggun Sub-station

2011

Laos

CCC Engineering Sdn. Bhd.

RM2.25m

Design, manufacture & supply of 115kV
Lattice tower & substation structures

2011

Malaysia

*REMT Utama Sdn. Bhd/Persada Engineering &
Electrical Sdn. Bhd.*

RM4.16m

Design, manufacture & supply of 132kV
Lattice tower

2011 – Present

Myanmar

Myanmar Iwatani LPG Trading Co. Ltd.

RM6.65m

Supply of 159 sets of telecommunication
towers for GSM mobile project

-
- Malaysia | *ABB Transmission & Distribution* | RM4.50m | Sub-station 132kV
 - Malaysia | *Arab Malaysian Best & Crompton* | RM3.30m | Sub-station 132/275kV
 - Malaysia | *Hyundai Engineering Sdn. Bhd.* | RM1.1m | Sub-station 132kV
 - Vietnam | *GEC (M) Sdn. Bhd.* | RM0.65m | Sub-station 132kV
 - Vietnam | *Alstom Singapore Co. Ltd.* | RM0.30m | Sub-station structure
 - Myanmar | *Alstom Singapore Co. Ltd.* | RM0.19m | Sub-station structure
 - Thailand | *Siemens AG* | RM4.73m | Supply of 300/600MW towers
 - Malaysia | *Celcom Sdn Bhd.* | RM7.30m | Celcom project
 - Malaysia | *Binarig Communication S/B* | RM21.20m | Maxis Project
 - Malaysia | *Time Wireless Sdn. Bhd.* | RM16m | Adam Network
 - Malaysia | *Cellular Communication Network (M) Sdn. Bhd.* | RM17.10 | Celcom project
 - Malaysia | *Telekom Cellular Sdn. Bhd.* | RM59.79m | Full-turnkey basis for TM Touch project
 - Malaysia | *Maxis Communication Bhd.* | RM38m | Design & Construction for base transceiver stations, installation & commission of antenna & feeder systems.





Bringing energy to communities -
developing their prosperity and elevating their lives.



● Manufacturing

For more than a decade now, REI has consistently supplied Malaysia's energy board, Tenaga Nasional Berhad, with lattice towers for the national power grid network. REI has maintained a leading edge in transmission line technology, domestically and internationally, through firm collaboration with international partners from Australia, India and Croatia.

REI has the capability to produce towers to virtually any standard in the world. It has the capacity to achieve a production rate of 35-40,000 metric tons per annum, delivering on schedule, high quality made-to-order towers for the Power Industry.

Parallel to this is REI's capabilities as one of the leading steel structure manufacturers for substations in Malaysia. REI evaluates, designs, manufactures and supplies steel structures ranging from 11kV to 500kV.

With the largest LVD machine in Malaysia, together with 12 other units of CNC (Computer Numeric Control) machines specifically designated to precision-demanding processes in the production line, and Automatic Longitudinal Submerged Arc Pole Welding Machine, has ensured timely deliveries of orders to satisfied customers in over 70 projects across the globe.



● Engineering

One of REI's strengths lies in its Engineering capabilities. A team of passionate and skilled engineers, proficient in the use of various industry standard design software such as MS TOWER, PLS TOWER, STAAD-Pro, AutoCAD and BOCAD 3D, produces tower and steel structure designs to the needs and specifications of our clients, and in accordance with international standards.

In order to keep abreast with technological innovations, the R & D team within the engineering division dedicates itself to improving the technology in the design and fabrication of steel structures.

In fact, REI's engineers are capable of designing, producing and manufacturing towers to any standards required in any part of the world. With an internal core team of dedicated professionals, REI is able to deliver total engineering solutions on a fast-track basis.



● Project Management

Understanding the needs of the clients, and the importance of avoiding costly down-time brought about by unnecessary human error, REI invests time and energy in training our team of engineers, supervisors and workers to ensure that all projects are efficiently rolled-out, and can be completed on a fast-track basis, if required.

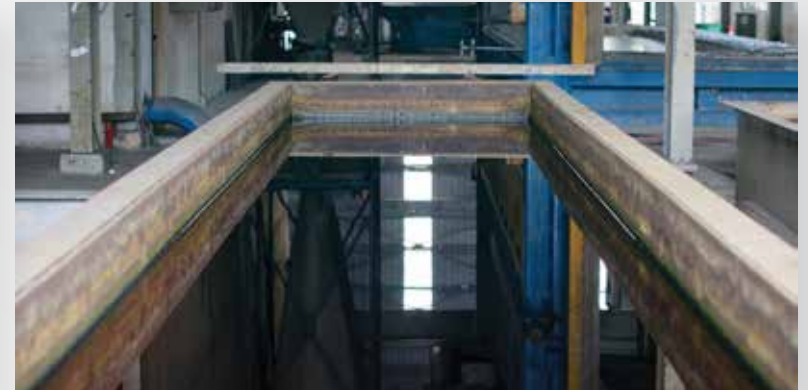
REI's team of highly professional supervisors and trained engineers are on duty at all working times to ensure a smooth and fast production flow. We also offer the services of maintenance engineers to be placed on stand-by should any machinery require attention.

R•E•I

TELECOMMUNICATIONS



Carrying the lines that connect
people and develop relationships
across great distances.



● Manufacturing

REI's production facilities stand over 30 acres including its warehouse and storage facilities.

Through an incredibly efficient system that begins with raw materials identification, fabrication process using CNC machines, right up to hot dip galvanising of the finished product in the largest zinc bath in Malaysia; all

manufactured components are handled with care and precision, thus enabling REI to produce over 10,000 lattice steel structures in locations across many nations.

REI's range of steel lattice structures includes light, medium and heavy duty free-standing towers up to 600ft in height, while the broadcasting towers range from 100-600ft with the option of design variability at the top to meet broadcasting and telecommunication requirements.

Recent development has seen REI moving forward in the design and manufacture of monopoles and guyed masts to cater to the growing market for low range telecommunication towers.

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● Engineering

Using various industry standard design software such as MS TOWER, PLS TOWER, STAAD-Pro, AutoCAD and BOCAD 3D, REI's engineering division takes pride in its capability to produce tower designs in accordance with international needs, and to any standards in the world.

REI has successfully supported Syarikat Telekom Malaysia Berhad (STMB) and other private operators in the country in their ETACS, AMPS, GSM and PCM systems tower requirements. Currently, REI has exported its telecommunication and broadcasting towers to regional and international localities with particular focus on emerging markets such as Myanmar, Algeria, Bangladesh, Sri Lanka, Philippines, India and UAE.

All of REI's structures have stood the test of time, cementing REI's reputation as the market leader in the telecommunication tower segment.



● Project Management

REI's credentials as the domestic leader in the telecommunication tower industry attests to the capability of its team of project managers who not only oversee the installation and commissioning of complete telecommunication base stations and towers, but are also involved from the initial design process to fabrication and production.

Hands on and meticulous, REI's engineers and supervisors are on site and on call to ensure a smooth and efficient project so that projects can be completed on a fast-track basis.



In 2010, the United Nations declared, “The right to safe and clean drinking water and sanitation as a human right that is essential for the full enjoyment of the right to life.”

● Manufacturing

POTAGLAS® water tanks are constructed from Glassfibre/Fibreglass Reinforced Polyester (GRP/FRP) panels using technically advanced Sheet Moulding Compound (SMC), a technology shared through our partnership with Bridgestone Corporation, Japan. SMC technology renders the GRP water tanks extremely durable, capable of withstanding all-weather conditions over prolonged periods.

REI's Potaglas GRP water tanks supply millions of gallons of safe and clean drinking water to many parts of the world, thus making REI one of the leaders in the GRP tanks market with exceedingly high production capacity of more than 7500 panels per month.

The advantages of Potaglas GRP Tanks include: SMC high pressure hot press moulding technology that creates a strong, uniform and stable panel construction. This technology allows formation of 90 degree bends thus reducing cracks and leakages to a minimum.

Potaglas is certified with ISO 9001:2008 for the manufacturing and supply, installation and commissioning of GRP sectional water tanks.



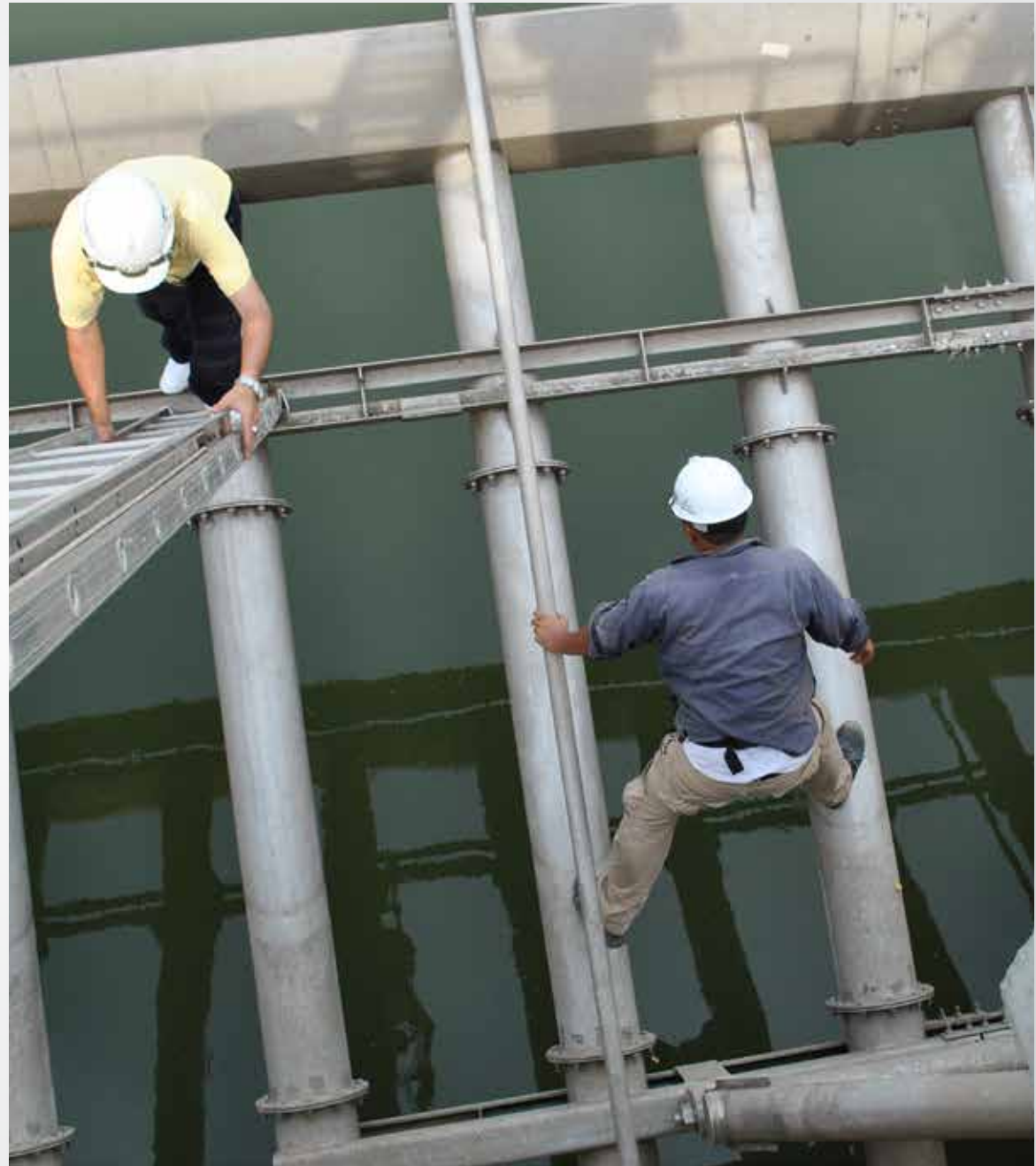
● Engineering

The secret behind the Durable and Long Lasting GRP Water Tanks is the combination of high quality materials and engineers that tirelessly strive to maintain the production high quality fully functional water tanks. REI has provided their engineers with the proper training to produce uniformly strong and dimensionally accurate GRP/FRP panel tanks.



● Project Management

To support the high production capacity of more than 7500 GRP/FRP panels per month, REI has a special team of highly qualified engineers and supervisors looking after the production team's needs, to ensure smooth and efficient workflow and timely deliveries of completed projects.



- Engineering, Procurement, Commissioning

REI's in-house expertise coupled with over half a century of experience enables it to deliver Engineering, Procurement and Construction (EPC) solutions in various regions around the world such as Ghana, Sri Lanka, Philippines, Bangladesh, and Cambodia. From commercial initiatives to government-linked projects, REI has consistently delivered solutions that address the requirements and needs of the customers.

These capabilities have allowed REI to successfully execute various challenging projects in the areas of power, telecommunications and infrastructure, and over the last decade, in the area of water treatment and supply. Some of these include the design and construction of water treatment plants and inflatable weir for water intake.



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STEEL FABRICATION



Demand for high quality steel fabricators means that REI's involvement in this sector will see rapid and increased growth in the coming years.



● Manufacturing

Computer numerical controlled (CNC) machines such as Ficep and Vernet are used to ensure accuracy in the cutting process. The REI production floor is equipped with:

- 6 units of Angle cutting & drilling lines
- 4 units of plate punching & drilling lines
- 2 units plasma & gas profile plate cutting lines
- 1 unit beam cutting & drilling line

A further array of hydraulic presses (up to 1000 tonnes), hydraulic guillotines, mechanical power presses and a wide range of drilling, sawing and welding machines are accompanied by custom built hydraulic presses for marking, punching, cropping and shearing - all of which allow for the fashioning of exact pieces and parts necessary for a wide range of products.

Overhead gantry cranes, portal and semi-portal cranes and electric material transfer carts allow of safe, rapid and efficient movement of parts in-house to minimize error and hasten the production process.



● Engineering

REI's involvement with steel fabrication spans the entire process from cutting to final assembly. Using precision software and methods based on years of experience REI has consistently met customer expectations with excellent quality and timely delivery. The use of CNC machines and presses has enabled REI to undertake steel fabrication projects that meet a wide variety of client demands.

An experienced staff of designers, operators and welders gives REI the ability to draw on best practices and up-to-date industry methods to complete an entire project, in-house, from beginning to end.



● General Contact

Headquarters & Sales Office:
 Rohas Euco Industries Bhd. (4129-H)
 4th Floor, Rumah Rohas,
 No. 61, Jalan Raja Abdullah,
 Kampung Baru, 50300
 Kuala Lumpur
 Malaysia

Tel: +603-2697 3900 (Hunting Line)
 Fax: +603-2697 0900
 Email: rei@rohaseuco.com

● Sales/Business Enquiries

business@rohaseuco.com
 Fax: 603-2697 5900

● Plant Address

Lot 10, Bentong Industrial Estate,
 28700 Bentong, Pahang Darul Makmur,
 Malaysia

Tel: +609-222 5133
 Fax: +609-222 3088
 Email: rei mfg@rohaseuco.com

