



OPTREUM



ABOUT US

Optreum Sdn Bhd was incorporated in 28th of April 2005, with the Paid-Up Capital of RM 2,000,000.00. This company was locally incorporated and is wholly owned by Bumiputera.

The main objective of Optreum Sdn Bhd is to serve the Oil & Gas and Maritime Industries in the surrounding region by providing the best and reliable products and solutions.

We strongly believe that we are able to keep the people and environment safe by implementing the latest technologies that provide sustainability. This is in line with the national aspiration for Bumiputera to play a more active role in the supply and service line to support the Oil & Gas and Maritime Industries in Malaysia.

Optreum Sdn Bhd has full confidence in providing the best service to the community. As a wholly Bumiputera-owned company, we hope that we will be continually given the chance to achieve our main objective of serving the best to the community.



PETRONAS



ISO 9001 : 2015



CERT NO.: 758614



OUR LICENCES AND ACCREDITATIONS

Optreum Sdn Bhd is a licensed and registered Bumiputera company by:

- Ministry of Finance (MOF) Bumiputera
- PETRONAS
- CIDB Bumiputera G7
- Ministry of Housing and Local Government
- Tenaga Nasional Berhad
- ISO Certified

Passed Assessment

Innovation Gateway @
PETRONAS

Dear OPTREUM SDN BHD,

Congratulations! Your technology product has passed our assessment. It is now being pushed to Technology Catalog which is accessible by whole of PETRONAS.

Product name: **SD3 EX Wind Turbine**

Should there be further interest for application/deployment, we will be in touch with you.

Please ensure the data submitted is being updated from time to time to ensure proper information dissemination. Should have any problem, please contact tech.marketplace@petronas.com

Thank you for spending your time to submit the product.

Please do not reply to this message.

iG@P Web Administrator

Innovation Gateway @ PETRONAS - The online crowdsourcing platform of PETRONAS that promotes sustainable collaboration with external parties to bring in fast-paced, innovative solutions to solve our business challenges.

Passed Assessment

Innovation Gateway @
PETRONAS

Dear OPTREUM SDN BHD,

Congratulations! Your technology product has passed our assessment. It is now being pushed to Technology Catalog which is accessible by whole of PETRONAS.

Product name: **Magnetic Fluid Conditioner**

Should there be further interest for application/deployment, we will be in touch with you.

Please ensure the data submitted is being updated from time to time to ensure proper information dissemination. Should have any problem, please contact tech.marketplace@petronas.com

Thank you for spending your time to submit the product.

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PETRONAS APPROVALS

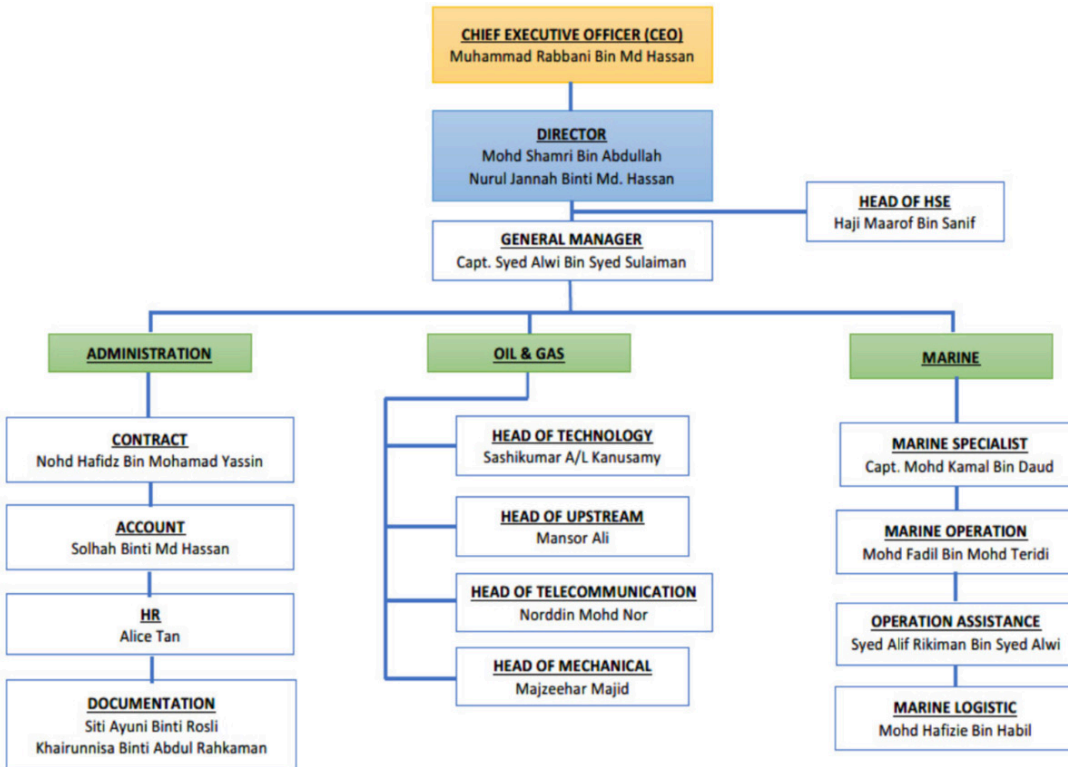
Optreum Sdn Bhd has been granted approvals by PETRONAS for the deployment of the following technologies in PETRONAS assets:

- SD Wind Turbine
- Scale X Magnetic Fluid Conditioner (MFC)



OUR TEAM

ORGANIZATION CHART



Optreum Sdn Bhd is leaded by a highly experienced Management Team in the Oil & Gas and Marine industries.

The project and business experiences behind our Management Team is the catalyst for our company's growth and sustainability.

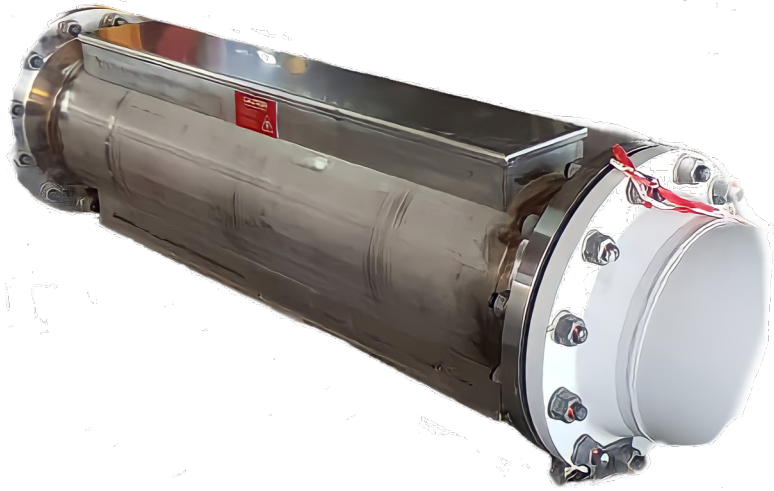


OUR BUSINESSES



Since the inception of **Optreum Sdn Bhd**, we have been in the Oil & Gas and Maritime sector with the main objective to provide in technologies, products, services and technical expertise related to the Oil & Gas and Maritime sector.

With the support of our partners, we have successfully established our business portfolio not only across Malaysia, but even overseas as well.



OUR BUSINESSES

SCALE-X MAGNETIC FLUID CONDITIONER (MFC)

Our Scale-X Magnetic Fluid Conditioner (MFC) is a **fully autonomous** equipment for the **removal and prevention of scale** formation in Oil & Gas production system, cooling water system, heat exchangers, evaporators etc.

It is a **once-off installation** and **maintenance-free** technology which eliminates the need for conventional scale removal such as chemical scale inhibitor, mechanical scraping, acid soaking etc.

Each and every MFC is custom-made to our client's specifications and the operating parameters of the client's system. We provide NO off-the-shelf MFC which are widely promoted by other MFC manufacturers in the market.



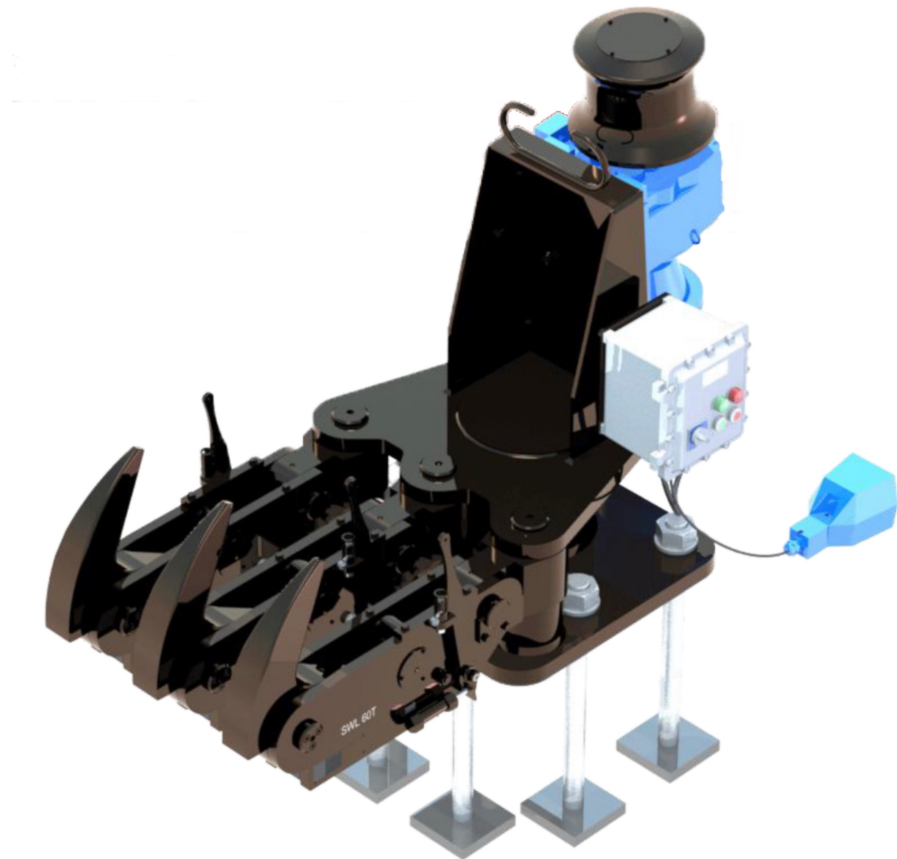
OUR BUSINESSES

SD3 EX (ATEX-CERTIFIED) WIND TURBINE

Our SD3 EX wind turbine is the world's first and only ATEX-certified small wind turbine. It is specially developed to be installed on offshore Oil & Gas platforms, complying to the stringent and non-compromising safety of the hazardous Oil & Gas working environment.

Our unique design ensures low maintenance (every 24 months) therefore reducing the requirement for mobilisation to unmanned platforms.

Recent installations have demonstrated a 96% OPEX reduction, further highlighting the capability of the SD Wind Energy range.



OUR BUSINESSES

QUICK RELEASE HOOKS

Quick Release Hooks (QRH) are a vital necessity for safe and efficient jetty mooring operations, particularly at terminals handling and transporting Liquefied Natural Gas (LNG), Liquefied Petroleum Gas (LPG), chemicals, oil and coal.

From port owners and operators to consulting engineers, we work closely with customers to determine best fit solutions for their marine applications. Our QRH by Glen Maritime provides fully integrated solutions that combine project consultation, system design, QRH manufacturing and testing, commissioning, installation and support.

Design concepts are processed by the experienced in-house engineering team, which generates a complete suite of project documentation including 3D CAD designs, application-specific drawings, and full documentation of the analysis and calculations required for each of our marine technology solutions.



OUR BUSINESSES

SHIP-TO-SHIP (STS) TRANSFER

We are well-experienced in providing safe, reliable and efficient transfer of cargoes including Crude Oil, Liquified Petroleum Gas, Liquified Natural Gas and other products. We are licenced by the Government of Malaysia to operate Liquid Bulk Cargo STS in Lumut, Perak with the water depth of 45m.

Our services include:

- Licensed and experienced Person In Overall Advisory Control (POAC)
- Tug boats
- Pneumatic fenders
- STS hoses
- Other services required by the clients





OUR BUSINESSES

MARINE NAVIGATION AIDS

We provide a wide range of Navigational Buoys, LED Marine Lanterns, Radar Beacons, and many other AtoN equipments including spare parts in accordance with IALA and Marine Department of Malaysia's requirement.

- Steel Navigational Buoys
- Polyethylene Navigational Buoys
- Steel Mooring Buoys
- LED Marine Lantern
- Leading Lights

OUR EXPERIENCES

| NO | CLIENT | DETAILS | DATE OF COMPLETION |
|----|--|--|--------------------|
| 1. | Sime Sembcorp Engineering S/Bhd PLO 336, Jalan Suasa, P.O.Box 55, 81707 Pasir Gudang, Johor. | Bunga Raya E Co2 Topsides - Telecommunication Package | 2005 |
| 2. | Telekom Malaysia Berhad 6 th Floor, Telekom Bukit Mahkamah, Jalan Raja Chulan, 50200 Kuala Lumpur. | To Design, Supply, Install, Integration And Commissioning An Automatic Identification System (AIS) Network In Sabah Waters | 2005 |
| 3. | Talisman Malaysia Limited Level 31, Menara Citibank, 165 Jalan Ampang, 50450 Kuala Lumpur. | 2 Years Spare Part for BRE Project – Telecommunication Package | 2005 |
| 4. | Compact Ventures Sdn Bhd 719 Block A, Kelana Business Centre 97, Jalan SS 7/2 Kelana Jaya, 47301 Kelana Jaya Selangor | Spare Part for PAGA System | 2006 |
| 5. | Technip Far East Sdn Bhd 2 nd Floor, Wisma Technip, 241 Jalan Tun Razak, 50400 Kuala Lumpur. | KIKEH Dry Tree Unit (DTU) Project | 2006 |

OUR EXPERIENCES

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| 6. | TASJA Sdn Bhd | Subcontract For Supply And Installation of 750mm Diameter Bored Piling For Cadagan Pelebaran Persimpangan Bertingkat Bandar Utama. | July 2006 |
| 7. | Innovision Business Solutions (M) Sdn Bhd Suite 18-3A, 3 rd Floor, Jalan Kampung Attap, 50460 Kuala Lumpur. | F6KA- Project Spares for PA/GA Systems | 2006 |
| 8. | Talisman Malaysia Limited Level 31, Menara Citibank, 165 Jalan Ampang, 50450 Kuala Lumpur. | BRE & BRA Integration - Service Engineer | 2007 |
| 9. | Jabatan Kerja Raya Malaysia | Takeover of Upgrading of Jetty of Marine Department in Lumut and Pulau Pangkor,Perak | April 2007 |

OUR EXPERIENCES

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|-----|---|--|---------------|
| 10. | Dayang Enterprise Sdn Bhd Lot 868, 1 st Floor, Jalan Permaisuri P.O.Box 1134, 98008 Miri, Sarawak | Outdoor Weatherproof Speaker & outdoor Division 2 Speaker Amplifier | 2007 |
| 11. | Kementerian Sumber Asli Dan Alam Sekitar (Seksyen Taman Laut) | Construction of Jetty at Pusat Taman Laut Pulau Pulau Perhentian Besar Daerah Besut, Terrenganu | February 2007 |
| 12. | ExxonMobil Exp. & Prdc (M) Inc. Menara Exxon Mobil, Kuala Lumpur City Centre, 50088 Kuala Lumpur. | Ericsson Mini Link Outdoor Radio | 2007 |
| 13. | JDC (M) Corporation Sdn Bhd | Proposed Development of Container Workshops and Management Office at Plot Jalan Sungai Pinang 5/1, Ks 13, Pulau Indah industrial Park, Port Klang, Selangor Darul Ehsan for Nippon Concept Malaysia Sdn Bhd | March 2008 |
| 14. | PJD Construction Sdn Bhd | The Execution and Completion Of Superstructure Works To Proposed Mixed Development At Pt7, Jalan SS20/27, Petaling Jaya, Selangor Darul Ehsan. | April 2008 |
| 15. | Malaysia International Trading Corporation (Japan) Sdn. Bhd | Petronas Carigali (Turkmenistan) Block 1 Gas Development Supply the Telecommunication System —MCR-A | 2009 |

OUR EXPERIENCES

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| 16. | Malaysia International Trading Corporation (Japan) Sdn. Bhd | Loudspeaker & Beacon | 2009 |
| 17. | Malaysia International Trading Corporation (Japan) Sdn. Bhd | Metoccean Monitoring system - MCR-A | 2011 |
| 18. | Malaysia International Trading Corporation (Japan) Sdn. Bhd | Telecommunication System -ODP-A Platform | 2011 |
| 19. | Malaysia International Trading Corporation (Japan) Sdn. Bhd | Telecommunication System - OGT | 2011 |

OUR EXPERIENCES

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| 20. | Iskandar Regional Development Authority | Construction of Bus Stops for Iskandar Malaysia Package MPPG (B) | December 2013 |
| 21. | Kebabangan Petroleum Operating Company Sdn. Bhd | Design and Supply of Telecommunication Equipment System Package for Kebabangan Northern Hub Development Project | 2013 |
| 22. | Jinora Corporation Sdn Bhd / See Yong & Son Construction Sdn Bhd | Material Off Loading Facilities (MOLF) Teluk Ramunia | 2015 |
| 23. | Jinora Corporation Sdn Bhd / Zelan Construction Sdn Bhd | Material Off Loading Facilities (MOLF) Tg. Setapa (PO#MoLI 2410031) | 2015 |
| 24. | Talisman Malaysia Limited Level 28, Menara Citibank, 165, Jalan Ampang, 50450 Kuala Lumpur | Provision of Telecommunication General Maintenance Services | 2015 |

OUR EXPERIENCES

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| 25. | Jinora Corporation Sdn Bhd | SUPPLY AND UNDERTAKE EARTHWORK TO PLATFORM LEVEL AT PUNGGAI, PENDERANG. | July 2016 |
| 26. | Jinora Corporation Sdn Bhd / ExxonMobil Exploration & Production Malaysia Inc. | Supply – Tideland Parts, TF-3B MicroPower OMNIBUS II flasher/lampchanger (9-36v), with up to 256 preprogrammed codes, internal sunswitch, less lamps | August 2016 |
| 27. | Jinora Corporation Sdn Bhd / ExxonMobil Exploration & Production Malaysia Inc. | Supply - ML-300 MaxLumina Marine Lantern - Includes ML-300 Lantern, TF-3B MicroPower/OMNIBUS II Flasher/Lampchanger, six lamps, and leveling hardware. UL & ATEX Cat. 3 certified and labeled with up to 256 programmable codes. E52041. | August 2016 |

OUR EXPERIENCES

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| 28. | Jinora Corporation Sdn Bhd / ExxonMobil Exploration & Production Malaysia Inc. | Supply - ML-300 MaxLumina Marine Lantern - Includes ML-300 Lantern, TF-3B MicroPower/OMNIBUS II Flasher/Lampchanger, six lamps, and leveling hardware. UL & ATEX Cat. 3 certified and labeled with up to 256 programmable codes. E52041. | December 2016 |
| 29. | Jinora Corporation Sdn Bhd / ExxonMobil Exploration & Production Malaysia Inc. | Supply- DC Bridge Lantern, Single Swing Pedestal, Lantern Guard | April 2017 |
| 30. | Jinora Corporation Sdn Bhd | CONSTRUCT AND COMPLETE OF WORK BELOW FOR BLOCK A AND B AT PPR PENERANG | May 2017 |
| 31. | Jinora Corporation Sdn Bhd / ExxonMobil Exploration & Production Malaysia Inc | Supply – Tideland Bridge Light and Spare parts | May 2017 |

OUR EXPERIENCES

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| 32. | Jinora Corporation Sdn Bhd / ExxonMobil Exploration & Production Malaysia Inc. | Supply - LATERN: 10-MILE, CLEAR, UL (Class 1 Div 2) for 12 VDC NOMINAL One Tideland P/N 010.1112-SA ML-300 UL MaxLumina Marine Light | July 2017 |
| 33. | Jinora Corporation Sdn Bhd / ExxonMobil Exploration & Production Malaysia Inc. | Supply - Tideland Lens & Base P/N 630.1073-00 PN 751.1047-00 TF 3B flasher / lampchanger | August 2017 |
| 34. | Jinora Corporation Sdn Bhd / ExxonMobil Exploration & Production Malaysia Inc. | Tideland Signal spare part (Volar Voltage Regulator/TF- #B Flasher) | February 2018 |
| 35. | Jinora Corporation Sdn Bhd | CONSTRUCT AND COMPLETE OF STRUCTURAL WORKS AT PPR PENERANG FOR: i. TADIKA ii. KEDAI DAN GERAJ iii. RUMAH SAMPAH iv. TNB SUBSTATION 1 AND 2 | March 2018 |

OUR EXPERIENCES

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| 36. | SYS-MCD (SPJ) Joint Venture | Supply, Manufacture, Delivery and Local Authority Certification of Steel Navigational Buoy | July 2018 |
| 37. | PETRONAS Gas Berhad | CCTV Health Check at Kuantan Compressor Station (KTNCS) | Oct 2018 |
| 38. | PETRONAS Gas Berhad | CCTV Health Check at Kuantan Compressor Station (KTNCS) | March 2019 |
| 39. | E&P O&M Services Sdn Bhd | Supply of 10 unit Zone 1 EX Loudspeaker for Berantai Project | Sept 2019 |
| 40. | Johor Port Berhad | To Fabricate, Supply, Deliver and Install One (1) unit of New Mooring Buoy (4.2m Diameter) and to replace Sunken Mooring Buoy No. 1 at The Mooring Buoy Area | Oct 2019 |
| 41. | SAPURA Fabrication Sdn Bhd | PEGAGA Development Project – Magnetic Fluid Conditioner | Ongoing |
| 42. | Eastport Marine | STS Transfer of Crude Oil, Liquified Natural Gas (LNG) and Marine Gas Oil (MGO) for PETRONAS and Shell | 2012 till Current |

CONTACT US

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