

BETTER ENERGY SOLUTIONS

All of our people are multi-skilled, best in class, and committed to delivering the highest quality of service to our customers.

People, Safety, Quality & Innovation



ABOUT REMO

REMO Technical Services is a specialist supplier of installation and maintenance services to the Energy market. REMO Technical Services provides a fully managed, turnkey solution built on a foundation of extensive wind energy and Renewable experience within the Energy industry.

Remo has built its reputation on specifically major installation, construction, and decommissioning project experience. We apply the world's best practices to provide efficient, intelligent solutions to technically challenging projects. A strong client focus is applied to all operations, seeking continuous improvement to maximise project performance.



How we operate, our values, and the quality of our final product make us stand out.



People

We treat our people with compassion, acknowledge them for who they are, recognise their achievements, and empower them to succeed.



Quality

We strive for continuous improvement to exceed expectations and to be known for excellence in everything we do.



Safety

A culture that holds safety at its core.



Innovation

To lead the way with innovative solutions, encourage positive challenge and change.





INSTALLATION & COMMISSION

REMO Technical Services provides complete installation services with a focus on safety and quality.

- Project Management & Scheduling
- Receival & Offload
- QA/QC Inspection
- Pre-Installation & Assembly
- Site & Component Preparation
- Service Lift Installation & Commissioning
- Main Install
- Mechanical & Electrical Completions
- Full Commissioning, Walkdown & Handover
- Coatings & Defect Remediation
- Support Crane Operations

Installations

Tower Installation
 Nacelle Installation
 Single Blade Installation
 Rotor Installation
 Gearbox Exchange
 Generator Exchange

Mechanical

Hy-Torque
 Tensioning
 Lift Install Mechanical
 Completion
 Punchlist/snagging
 Retrofits

Electrical

Electrical Completion
 Cable Pulling
 Commissioning
 Troubleshooting Assist
 HV Works Fibre Jointing

Heavy Lifting

Heavy Lift Supervision
 Rigging





INSPECTION MAINTENANCE & REPAIR

REMO Technical Services has developed a range of Inspection, Repair and Maintenance (IRM) service packages:

- Snagging Remediation Teams
- Blade Repair & Inspection
- Multi-Skilled Service Teams
- (Mechanical & Electrical)
- 500 Hour Service
- Wet & Dry Services
- Retrofit Campaigns
- Statutory Inspections
- Scheduled Routine Maintenance
- Preventative & Reactive
- Maintenance Cleaning
- Coating Repairs
- Bolting
- HVAC
- HV/LV Services





MAJOR COMPONENT EXCHANGE

REMO has developed a range of Major Component Exchange procedures to safely and efficiently replace and recommission turbines. We have experience from routine replacements to complex deconstruction and rebuild works following lightning and blade wraparound events.

Emphasising project planning, risk assessment, and quality delivery REMO Technical Services provides:

- Gearbox
- Replacement
- Transformer Exchange
- Blade Exchange
- Hub Replacement
- Re-Commissioning
- Main Baring Replacement
- Blade Baring Replacement
- Repair of Electrical & Hydraulic Systems

Through strategic partnerships with Crane Contractors and Lifting Innovations, REMO Technical Services are able to offer turnkey solutions and a single point of contact for major component exchange works.





SPECIALIST ROPE ACCESS

REMO Technical Services is a pioneering specialist access system within the renewables sector.

REMO's teams are innovating specialist access systems through the evaluation of the most suitable method and approach that offers its clients, its people, and the broader industry time efficiencies, safety improvements, and cost reductions:

- IRATA Rope Access
- Custom Access
- Platforms Alternative
- Access Platforms
- Engineered Access
- Platforms Scaffolding
- Overhead Protection Solutions
- Tension & Safety Netting
- UAV Aerial Systems
- ROV Subsea Systems





TURBINE BLADE REPAIR & REPLACEMENT

REMO Technical Services undertakes blade repairs ranging from inspection to upgrades.

REMO Technical Services offers project management from start to finish, including turn-key solutions. Through vast and hands-on experience, our project team ensures that the project runs smoothly. Our capabilities within our team's cover:

- Vortex Generator Install & Replacement
- Gurney Flap Install & Replacement
- CAT 1, 2 & 3 Repairs
- Internal Blade Fracture Repairs
- Full Installation of LPS
- Advanced NDT Inspection



DECOMMISSIONING

Specialists in Decommissioning Services, REMO Technical Services have delivered several unique and complex decommissioning projects, including lightning strikes, blade wraparound, and major component failures.

REMO Technical Services draws on a diverse range of experience and expertise within our team to develop tailor-made solutions for the individual challenges presented by decom work mechanically and electrically.

Unique rigging configurations, engineered lift plans, and developing isolation methods where existing equipment has been compromised form part of the solutions that are designed for specific situations and circumstances.





SPECIALIST LABOUR SUPPLY

REMO Technical Services is committed to providing highly skilled and specialised labour for the renewables industry. With a keen understanding of the renewable energy sector's dynamic and rapidly evolving nature, Remo ensures our workforce is equipped with the latest technical expertise and industry-specific knowledge. Whether it's solar, wind, or other sustainable energy projects, Remo's specialists are meticulously selected and trained to meet the unique demands of the renewables sector.

Resources available include but are not limited to:

- Heavy Lift Supervisors
- Installation & Service Technicians
- Site Management & Supervision
- Mechanical Specialists
- Electrical Specialists
- IRATA Rope Access Tradesmen
- NDT Inspection Technicians
- UAV Inspection Technicians





INSPECTION & MONITORING

Wind turbines inevitably encounter wear and tear and damage, requiring proactive maintenance and inspection throughout their lifecycle. REMO Technical Services can provide a complete end-to-end assessment and monitoring service for your project, identifying issues or defects on the main rotor shaft, circumferential weld flanges, and ancillary bolts.

Our end-to-end inspection and monitoring solutions include:

UAV SURVEY

- Aerial Surveying & Mapping
- Aerial Lidar
- Thermographic Surveying
- Aerial Photogrammetry
- Detailed Visual Inspection
- General Visual Inspection
- 3D Digital Twins

NDT SERVICES

- Fast Screening Techniques
- Fatigue Crack Detection
- Recordable Data For Archiving
- Data Comparisons
- Reliable Testing Methods

SUBSEA INSPECTION

- Structural Assessments
- Conditional Monitoring
- Environmental Monitoring
- Subsea Cable Inspections
- Data Analysis & Reporting





PROJECTS

Warradarge Wind Farm



Overview:

In 2021, REMO mobilised an experienced crew to Warradargeto to execute the repair and recommissioning of a WTG following a lightning strike to a blade and resulting damage to the nacelle and hub. Despite COVID-19 measures, REMO mobilised a whole crew from the UK and Australia to complete the work on time and within budget.

Services:

Recommissioning of WTG following a lightning strike to the blade; an engineered platform to provide safe access; full-scope project management.

Client:

Vestas

Schedule:

9 Months

Esperance Wind Farm



Overview:

In 2021, REMO mobilised the Rope Access team to execute a tower cleaning scope on behalf of Goldwind. The access method chosen allowed the crew to access the base of the nacelle to complete a cleaning area of 20M down the main turbine column.

Services:

Inspection, Maintenance & Repair (IMR).

Client:

Goldwind

Schedule:

3 Months

PROJECTS

Yandin & Warradarge Wind Farm



Overview:

After completing the recommissioning scope at Warradarge, REMO was engaged to support retrofit campaigns at WDFW and Yandin. REMO teams were responsible for completing snagging activities and ladder section replacements utilising rope access.

Services:

Inspection, Maintenance & Repair (IMR); Major Component Exchange.

Client:

Vestas

Schedule:

9 Months

Yandin & Warradarge Wind Farm



Overview:

Following the completion of the recommissioning scope at Warradarge, REMO was engaged to support a blade repair campaign at both sites

Services:

Inspection, Maintenance & Repair (IMR); Blade Repairs.

Client:

Vestas

Schedule:

4 Months

PROJECTS

Turitea Wind Farm



Overview:

REMO supported the installation of V112 turbines on a labour supply basis. The scope covered all aspects of installation and commissioning to assist with the acceleration of the project.

Services:

Construction & Installation services (C&I); Labour Supply.

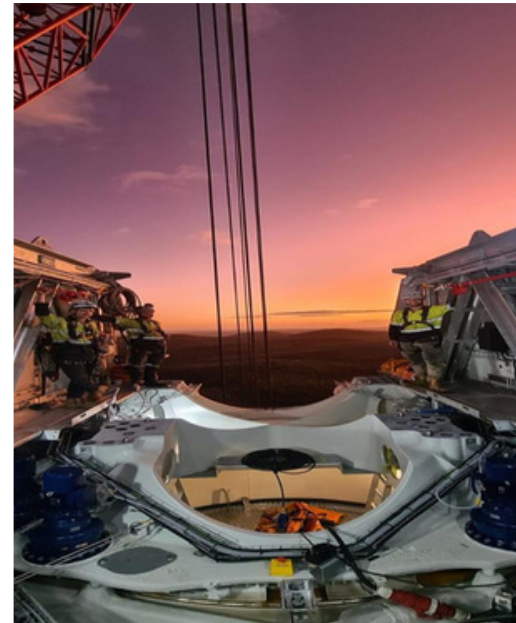
Client:

SmithsCranes (for Vestas)

Schedule:

4 Months

Kaban Wind Farm



Overview:

Kabanre presents REMO's first full-scale turnkey C&I contract award in Australia. REMO, alongside Mammoetas, the crane contractor, is responsible for installing and commissioning x28 V162 EnVentusturbines –the first to be installed in Australia.

Services:

Construction & Installation services (C&I); Main Installation Contractor.

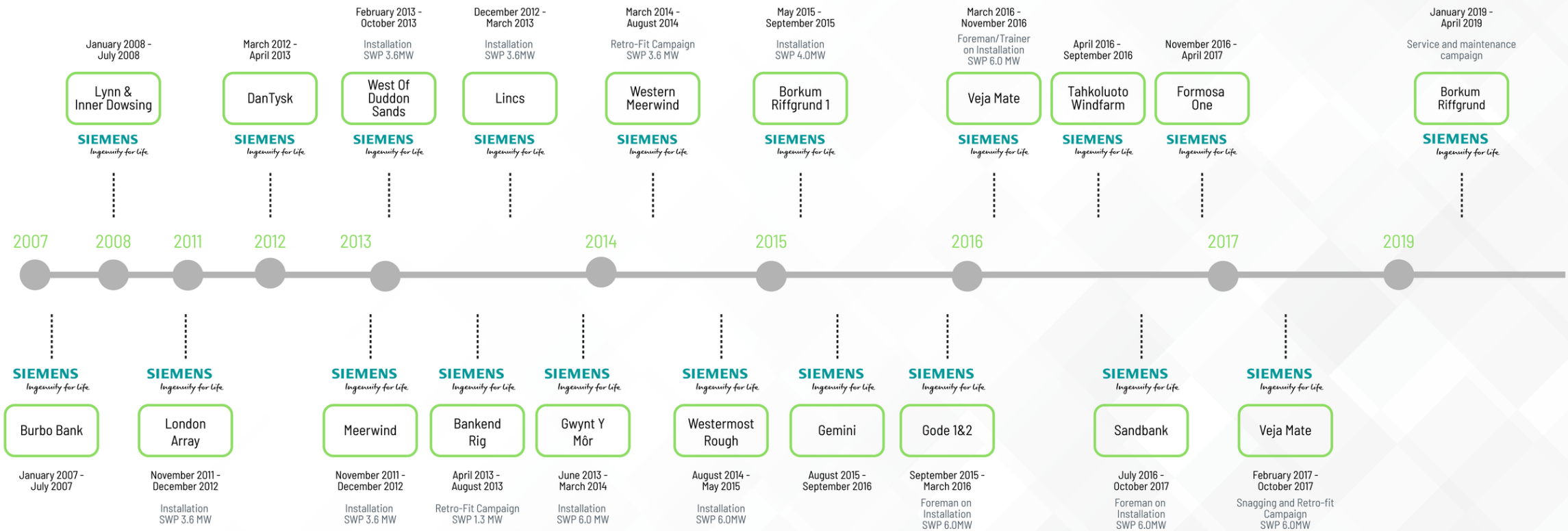
Client:

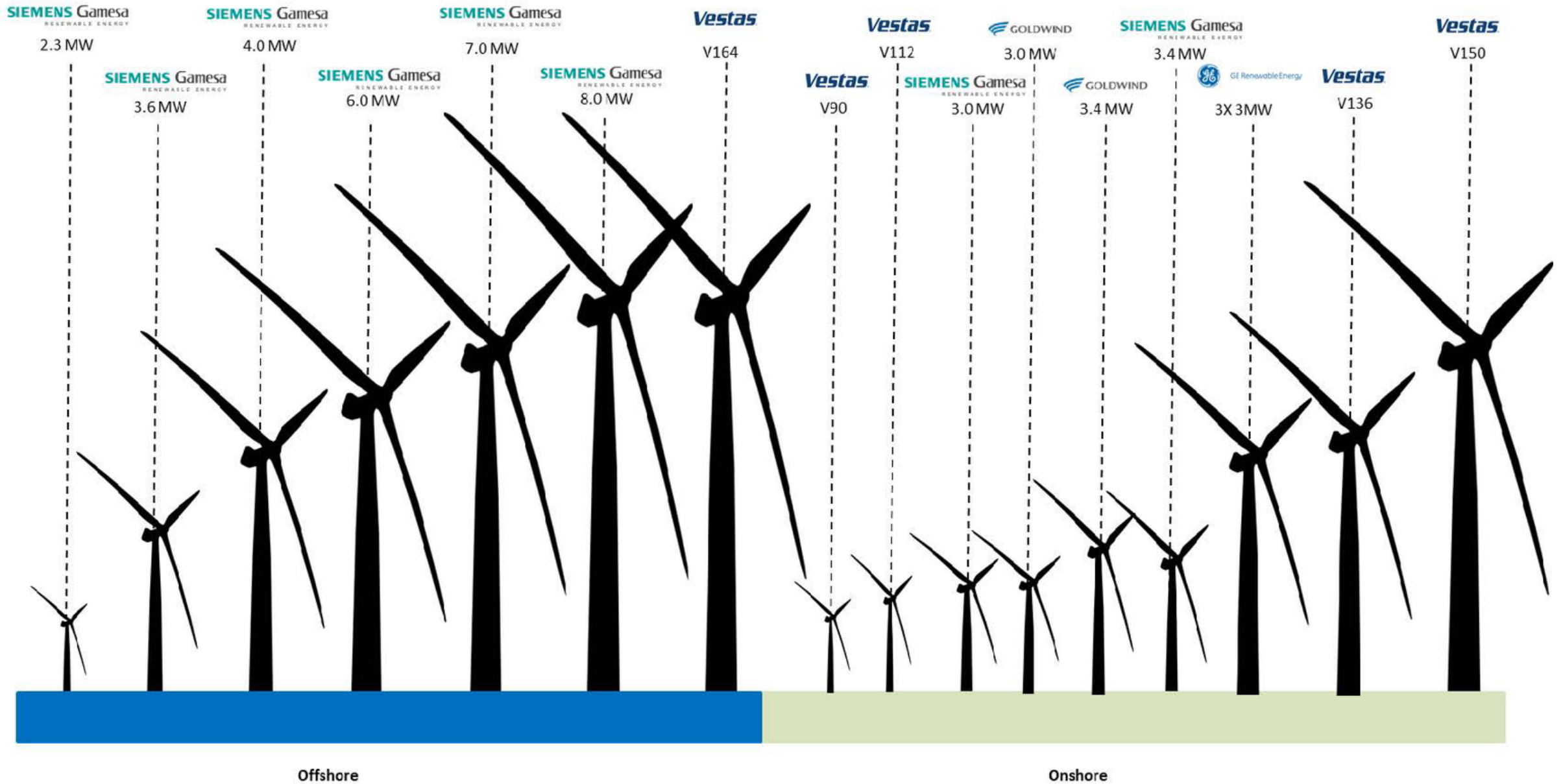
Vestas

Schedule:

10 Months

UK / EU Offshore Past Project Experience







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