



SPECIALIST FOR MAINTENANCE, REPAIR AND COMMISSIONING IN ON-SHORE WIND SERVICE

Ynfinity Energy is an independent service provider, specialised in wind services, with 14 years of experience and more than 300 technicians distributed among our permanent bases in Spain, Italy, France, UK, Brazil, Uruguay, Argentina, Mexico, USA, and Dominican Republic.

Ynfinity technicians are the best ambassadors of its customer's orientation and commitment.

Ynfinity performs globally with speed and agility, offering to its customers great value for money and a very wide scope of activities in the wind maintenance, commissioning, inspection and training.

Operation and maintenance

- Preventive Maintenance
- Minor correctives and troubleshooting
- Large correctives (main shaft, blades, gearbox, generator, system)
- Design modifications implementation
- Oils and grease analysis and changes
- Predictive maintenance (endoscopy, SCADA data analysis, vibration analysis)
- Wind farm life extension support

Quality controls

- Due Diligence before the end warranty
- Control of components
- Documentation
- Process review

Inspections

- Blade
- Quality audits and status of turbines
- Turbines status
- End-of-Warranty

Commissioning

- Subsystems review of the different wind turbine technologies
- Pre-delivery control and pre-check of all subsystems of the wind turbine
 - » hydraulic system
 - » converter
 - » yaw system
 - » power units
- PLC and converter control versions upload
- Detection and correction of the wind turbines problems after grid connection
- Inspection and final availability tests

Logistic services

- Stock management of spare parts & large components
- Inspection and repair of wind turbines towers and blades at the field and at the port
- Inspection of nacelles, hubs and other components at the field and at the port

As part of ROBUR, YNFINITI offers even more: more than 2,000 employees work in the wind, water, energy, industrial and process industries. As expert partners for our customers we create holistic solutions from planning and implementation, to operation and maintenance, to the relocation and decommissioning.