



SMRI Green Energy Profile

Supporting changes in the world



December 2020

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ABOUT US

The brand

As part of the company SMRI, SMRI Green Energy offers a range of maintenance services for manufacturers in the renewable energies sector.

Our vision

Act together now to build tomorrow's low-carbon world.

Our mission

Support players in the energy transition by improving and sustaining the performance of their production tools.

Our values

SMRI Green Energy has developed an ethical and profoundly human corporate culture, characterised by qualities reflected through our interventions: expertise, commitment, flexibility, eco-responsibility. The combination of these qualities guarantees our efficiency at the service of your performance in protecting the planet.

SERVICE OFFERINGS

Wind turbines



Equipment audits

- ✓ Performance audits
- ✓ Monitoring wind farms
- ✓ Proposals to improve the availability of equipment



Wind farm maintenance

- ✓ Annual and bi-annual servicing
- ✓ Corrective and ameliorative maintenance
- ✓ Replacement of main components



Component management

- ✓ Main components and spare parts
- ✓ Supply chain management
- ✓ Repairs



Construction & Repowering

- ✓ Main components upgrade
- ✓ Handling and lifting
- ✓ Inspection and tests

SERVICE OFFERINGS

Hydroelectricity



Mechanical

- ✓ Generator maintenance works
- ✓ Maintenance works on equipment and ancillary components
- ✓ Fabrication and repair of mechanical components



Valves

- ✓ Removal and servicing of manual and automatic valves, safety valves, and flaps
- ✓ Supply of valve components according to specifications
- ✓ Emergency interventions



Hydromechanical equipment

- ✓ Onsite repairs
- ✓ Workshop repairs
- ✓ Complete refurbishments



Piping & Tubing

- ✓ Isometric surveys
- ✓ Prefabrication
- ✓ Onsite installation

OUR TRADES



Electromechanics

SMRI Green Energy operates on all types of standard or specific electromechanical equipment, either in the workshop or directly on your facilities and structures, in France and abroad.

SMRI Green Energy benefits from an infrastructure allowing it to propose a comprehensive offering:

- Preparation-methods/reliability office
- Design office for special equipment
- Diagnostics and recommendations
- Onsite installations
- Repairs according to specifications (all types of equipment)
- Supply of manufacturer's parts or according to a model
- Commissioning and performance tests

OUR TRADES



Rotating machine mechanical works

SMRI Green Energy operates on all types of rotating machines and benefits from an infrastructure allowing it to propose a comprehensive offering in rotating machine maintenance works for pumps, compressors, reducers, grinders etc..

This service notably includes:

- Preparation-methods/reliability office
- Preventive maintenance, with performance background and operational thresholds
- Diagnostics and recommendations
- Installations on facilities or structures
- Repairs according to reference guides (all types of equipment)
- Supply of manufacturer's parts or according to a model
- Commissioning and performance tests

OUR TRADES



Industrial valves

SMRI Green Energy benefits from an infrastructure providing repair services for:

- Valves (conventional or pilot operated)
- Automatic valves (all types and brands)
- Valve components (manual valves, glass levels, check valves...)

OUR TRADES



Machining and metal plating

Machining

SMRI has a workshop specialised in fabrication and repair machining works consisting of 30 of the latest machine-tools for work on up to 25 tons of parts and covering all machining procedures.

This machining workshop is equipped with 3 CAM software programs and 3 digitally controlled 5-axis machines:

- A large capacity TOS boring mill (4000 x 1000 x 2000 / 25 t).
- A MAZAK INTEGREG horizontal machining centre (2,500 long between points and a bench cutting diameter of 760).
- MAZAK VARIAXIS I600 vertical machining centre (diameter of parts 700 / height 450).

OUR TRADES



Machining and metal plating

Metal plating

In addition to repairs and machining activities, SMRI has a workshop dedicated to metal plating using the following procedures:

- Wire and cold spray hardbanding: process with mechanical adhesion and without thermal constraints
- Hardbanding with remelted powder: steel bonding between 900 and 1,200°C, allowing extremely hard, non-porous coatings, excellent resistance to wearing, abrasion and oxidisation
- Arc spray hardbanding: process without thermal constraints providing better plating performance than other processes.

Metal plating is an alternative to replacing critical mechanical parts. It is also a process allowing to improve mechanical characteristics of new parts.

CLIENTS

Our service offering is available to manufacturers/operators, private operators, manufacturers as well as all partners from all related trades.



OUR COMMITMENTS

In light of the challenges facing our planet, SMRI Green Energy aims to be a responsible energy player by offering its services to companies with a low carbon footprint.

Concerned about sustainable development issues, SMRI Green Energy promotes an economic development which is both relevant and socially responsible, while minimising the impacts of its activities on the environment through eco-responsible solutions.

This approach integrates the values which form the brand's DNA:

- The preservation and well-being of its employees
- The guarantee of a quality service for client satisfaction to ensure the company's sustainability
- The desire to propose innovative solutions in a cycle of virtuous continuous improvement

OUR TEAM



**Pierre-Jean
BLAZEWICZ**
General Manager



Jérôme AVY
Energy Department
Manager



**Emmanuel
FERRAND**
QHSE Manager and Head
of Communication



Jérémie LAFORGIA
Business Development
Manager



**Thibault
CARCASSONE**
Works Engineer