



JEAN-BAPTISTE BREBAN

RENEWABLE ENERGY ENGINEER
MAINTENANCE & ASSET MANAGEMENT

CONTACT

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SKILLS

- Management
- Root cause analysis
- Reliability
- Maintenance
- Onshore/ offshore wind
- Python
- ISO 55001/ IEC 61400
- GWO

LANGUES

- French (native)
- English (fluent)
- Spanish (intermediate)

INTERESTS

- Running
- Climbing
- Floorball
- Sailing
- Rowing
- Saxophone



PROFILE

Renewable energy engineer with 15+ years of experience in the onshore and offshore wind industry, combining expertise in reliability, maintenance, failure analysis and asset management.



WORK EXPERIENCE

JBB Renewables Consulting 2025 - PRESENT
Independent consultant

- Consulting in reliability, maintenance and technical expertise for renewable energy assets.
- Root cause analyses, support for asset operators and development of digital tools.

GE Vernova 2022 - 2025
RCA Leader & Mechanical Specialist

- Led investigations into major failures of offshore wind turbine components.
- Facilitated multidisciplinary root cause analyses.
- Coordinated corrective actions between engineering, quality, suppliers and customers.

CGN Europe Energy 2017 - 2022
Supervision team leader

- Managed a team of 5 people, with an annual budget of €500k.
- Supervision of a 2.4 GW portfolio of wind and solar assets.
- Led availability, reliability and performance analyses.
- Deployed monitoring and reporting tools.

Bureau Veritas 2011 - 2017
Wind Turbine Structures Engineer

- Structural studies, load calculations and technical assessments for onshore and offshore projects.
- Design reviews as part of IEC 61400 certification.

Personal project in South America 2015 - 2016

- Implementation of renewable energy solutions in Peru (solar coffee roasting and small-scale wind power for communities).
- 2,600 km cycling expedition across four South American countries.



EDUCATION

KTH Royal Institute of Technology (Stockholm) 2010 - 2011
Renewable Energy Specialization

École Centrale de Nantes 2008 - 2010
Engineering Degree

Lycée Pasteur (Neuilly) 2006 - 2008
Scientific Preparatory Classes (PSI)