Thi Giang Hoang

Renewable Energy Specialist

Email hello@giangga.com
Address Radevormwald, Germany
LinkedIn https://www.linkedin.com/in/thi-giang-hoang-929916a9/

Career Summary

Renewable Energy Specialist | Project & Data-Driven Operations

As a Renewable Energy Professional with experience across engineering operations, procurement, and project management, I am skilled in project management, Power BI analytics, LCOE modelling, and stakeholder coordination, proven ability to improve operational efficiency, optimize processes, and deliver data-driven insights in international environments.

Renewables International Graduate | RWE Offshore Wind GmbH

Engineering Management Operations, Germany | March 2026 – August 2026

- Implement a ticketing system to streamline support between Engineering and Site Operations, reducing response time and improving issue tracking transparency.
- Plan and track project execution through detailed Gantt charts, ensuring clear visibility of timelines, dependencies, and milestones, author and maintain training documentation for roll-out
- Design and implement Power BI dashboards to track KPIs (e.g., response time, resolution rate), enable data-driven decision making

Rampion Operations – O&M base, the UK | Sep 2025 - Feb 2026

- Develop risk management and lessons learned process of Critical Failures in Offshore Operations
- Support O&M Annual Planning and scheduling
- Maintain mobility plan
- Collaborate with Asset Manager on warehouse optimization and infrastructure improvement projects
- Coordinate stakeholders across operations, procurement, and vessel providers to plan and establish vessel arrangements for summer tours at Rampion Offshore Wind Farm

Casebook Management, Germany | March 2025 - Aug 2025

- Conduct cost analysis (LCOE) and techno-economic modelling of different offshore wind case studies
- Support on optioneering and business case evaluation of Dogger Bank South Project (the UK)
- Maintain and update the Case Tracker to ensure accurate tracking of technical key assumptions, and progress across workstreams
- Lead the cross-functional workstream to optimise the Case Tracking tool, coordinating stakeholders to streamline workflows and improve operational efficiency

Operations Partnerships and commercial, Germany | Sep 2024 - Feb 2025

- Drive the assessment of minimum-standard readiness for the JV Alpha Ventus Wind Farm, identifying gaps and proposing solutions to achieve compliance
- Establish the Joint Venture Transaction lifecycle framework from the ground up, consolidating insights from previous transactions into the core process template, RACI matrix, and supporting guidance document.
- Summarize key points from Maintenance, Operations & Management Agreement (MOMA) contracts

Working student | RWE Offshore Wind GmbH

RWE Central Procurement, Germany | Oct 2022 - Aug 2024

- Support sustainable procurement strategies aligned with corporate ESG goals
- Visualize the relation between wind power plants and corresponding purchasing groups
- Develop data visualizations (monthly SpendCube reports) to improve understanding of purchasing structures and spend allocation for internal stakeholders
- Support procurement evaluations and ad-hoc analyses for ongoing projects and business initiatives

Research Assistant | Cologne University of Applied Sciences

Faculty of Spatial Development and Infrastructure Systems, Germany | Mar 2023 – Aug 2023

- In-depth research in Nigerien cooking practices to estimate energy demand for cooking
- Designed an isolated PV system focusing on reducing reliance on biomass fuels and improving sustainability

Renewable Energy Specialist | EVN PECC3

Renewable Energy Development, Vietnam | Aug 2017 – Feb 2020

Deliver pre-feasibility and feasibility study reports for onshore wind and solar projects, including:

- Conduct site assessments and resource analysis, including socio-economic and environmental considerations
- Support clients throughout the agreement submission and approval process, coordinating required documentation and stakeholder inputs
- Design solar power plants (by using PVsyst) and perform project financial modelling and project valuation

Education

Master of Science | Renewable Energy Management

Cologne University of Applied Science, Cologne, Germany | Sep 2021 - Oct 2024

Bachelor of Science | Industrial Economics

Hanoi University of Science and Technology | Sep 2012 - Aug 2016

Strengths and Expertise

- **Software & Tools:** MS Office Suite (Outlook, Word, Excel, PowerPoint), Thinkcell, Office 365, Power BI, SAP (PLM/ERP), 8D Problem Solving, ProcessWeb (Author trained), RegulationWeb, LCOE calculation, RCA Analysis, PVsyst
- **Project management**: Project coordination, Risk Management, Document control, Scheduling, Stakeholders management, Project Financial Analysis

Trainings

Global Wind Organization – Basic Safety Training Offshore

RelyOn Nutec Amsterdam, the Netherlands | Oct 2024

- GWO Working at Heights
- GWO Manual Handling
- GWO Sea Survival
- GWO First Aid
- GWO Fire Awareness

8D Problem-Solving Method

FMEAplus Academy, Germany | Mar 2026

Training on 8 Disciplines problem-solving method, focusing on identifying root causes and preventing recurrences

Visa status

EU Blue Card

Eligible to work in European nations following EU BLUE CARD Programme

References are available on request