

Energy & Transport Summit IV *digital*

Logistical aspects of offshore wind globalization

15th of December 2020



Profile and Company presentation

Profile and Company presentation:

- My name is René Damgaard. I am a Mechanical engineer with 15 years of experience in the renewable Energy industry.
- I started working for Siemens (SGRE) in 2005 and for the first 10 years of my professional career I traveled the world, whilst leading the construction of some of the biggest Wind Projects.
- After taking an internal promotion as Construction Project Manager, I started working on Offshore wind Project in Asia (mainly Taiwan).
 - Responsible for the transport, onshore pre-assembly, offshore installation, commissioning, service and handover to the owner.
 - All this included transport vessels, accommodation vessels, Installation vessels, helicopter transfer and emergency response plans.
- After executing more than 25 on and offshore Projects with Siemens, I was given the opportunity as a Global Head of Offshore and electrical High voltage at FairWind.

FairWind is a leading provider of one-stop solutions for the installation of offshore wind turbines throughout the world.

We have 1400+ dedicated technician, 230+ white collar back office staff in Denmark and Poland. We operate in 45+ countries and have our own training academy which conduct more than 6000 trainings yearly.

We can do full scope lump-sum contracts or work on hourly rate and we work with all the major wind turbine manufactures.

Presenter Profile

Energy & Transport Summit IV

Wind cross-value chain collaboration on shipping and logistics

René Damgaard

Current Positions

- Global Head of Offshore and High Voltage at FairWind

Highest Education

- People & Business Management, Business Administration & Management, General
- Siemens Core Learning Program

Work Experience

René has an international profile with 15 years industry and offshore experience through various roles on large scale Projects in the Renewable energy sector, having worked in several countries in Europe, US and Asia. He has been involved in the management and execution of more than 1.2GW onshore and 3GW offshore

FairWind

Industry

Offshore, wind, repairs, services, installation and technology solutions

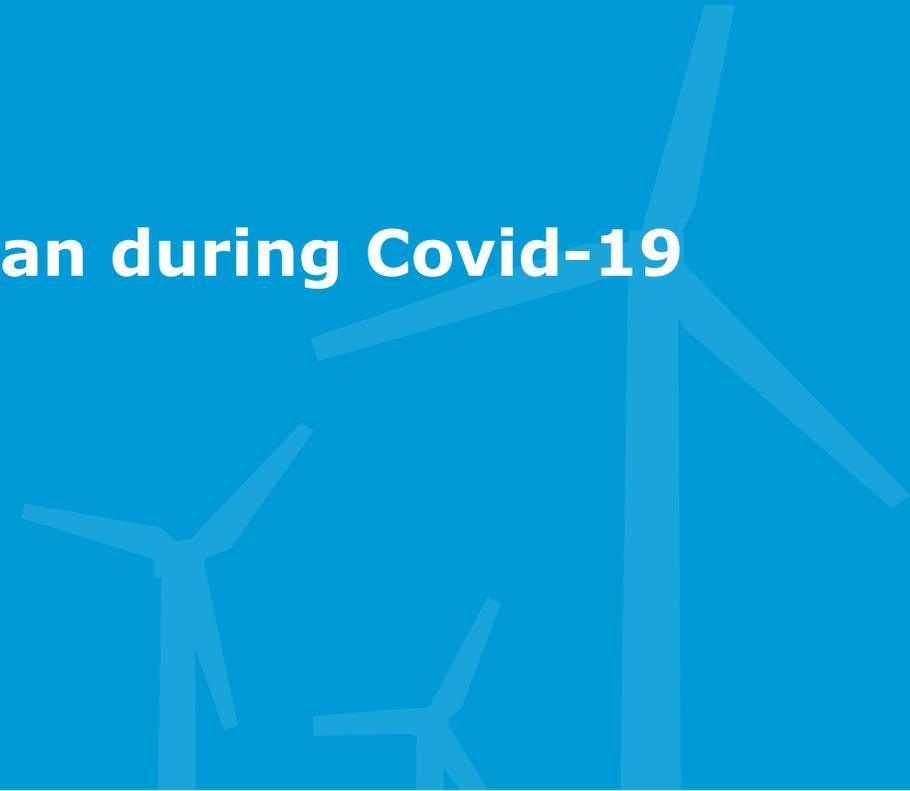
Goal

Our goal is the complete satisfaction of the customer's wind energy support needs

Products/Focus

FairWind is a leading provider of one-stop solutions for the installation and service of onshore and offshore wind turbines throughout the world.

Putting up offshore wind turbines in Taiwan during Covid-19



Covid-19 rules in Taiwan as of today:

- Upon arrival you are transported to a designated and approved quarantine hotel for 14 (up to 15) days full quarantine.
- Food is served 3 times a day and it is not allowed to leave the room.
There has been examples of individuals receiving fines up to 3000 Euro for failing to stay in their room.
- Hotel cost vary but in our case the average is 40kNTD for the full quarantine duration (1.200 Euro).
In 2020 the Taiwan government are supporting with subsidies, this may change in 2021.
- In average we have forwarded a claim to our client of 75kEUR per month and has done so since June 2020, where our Project started.
 - This depends on number of technicians in quarantine and the salary of those in quarantine.
 - We have an average of 40 technicians in Taiwan at all time on a 6:3 rotation (8:3 including quarantine).
- Following the hotel quarantine there is an additional of 7 days of self management, where you must wear mask and take your temperature twice a day. Temperature measurement is typically taken at site, morning and evening.

Visa and Work Permit



Visa and Work Permit

- Before the Change in law due to COVID-19, you were able to get a multiple entry visa for all types of Work permit (90 days up to 5 years).
- Now you can only get a multiple entry visa if you get an ARC (Alien Resident Certificate), which means you need to obtain minimum the 1 year Work Permit and to do so you must have 5 years of construction experience.
- Therefor we have not been able to use technicians with lower than 5 years experience, unless we can except, they only do one trip to the workplace.

In FairWind our Legal and compliance department are handling the additional administrative task put on us after the change in law.

All cost that are not directly related in the law changes, are to be handled as force majeure e.g., flight tickets which has increased with 60% since 2019.



FairWind
fairwind.com