



Post-Brexit trading opportunities and challenges in the UK wind energy industry 30.03.2022, Edinburgh

## **AGENDA**





## Y Introduction

- ★ ENERCON Management Team
- Y Regional Organisation
- ★ Western Europe Region Figures

#### ★ Market Overview

- Y Europe Onshore Wind
- ★ Market Overview Great Britain

## Y Capabilities

- Y Product Portfolio
- → Project Management & Service
- Y Supply Chain Transformation

## Y Brexit Challenges

## **NEW ENERCON BOARD**









Martin Prillmann

## **CEO** Chief Executive Officer



Jürgen Zeschky

#### **CSO** Chief Sales Officer



Ulrich Schulze Südhoff Global Sales

Management

Techn. Marketing & Bus. Development

Global Competence Center Service

Central and

Northern Europe

Central Asia /

Middle East /

Africa





Western Europe

**North America** 

Southern Europe / Latin America

**ENERCON** REGIONS

**Asia Pacific** 

Frederic Maenhaut



COO

Chief Operating

Officer

Jost Backhaus





Jörg Scholle

**CFO** Chief Financial Officer



Michael Jaxy

## As April 1st 2022, new dual leadership for CSO:

- End-to-end customer-related functions: Sales & After-Sales, Project Management, Service
- Lead ENERCON Regions

## **REGIONAL ORGANISATION**







## MISSION WESTERN EUROPE



Operate and perform as **ONE empowered regional ENERCON team** across the functions Sales & After Sales,
Project Management and Service



Establish ENERCON Regions **team set-up** aiming at sustainable **cost-efficient structure**, clear and strong responsibilities and **power of decision** in the region



Maximize customer satisfaction by being a reliable, trustful, close partner which is selling, installing, and maintaining ENERCON wind turbines cost-competitive, in time and quality



Setup a **flexible**, **innovative organization** with **fast** and **result oriented ways of working** which is able to manage challenges successfully







launched on June 4th 2021.







# WESTERN EUROPE REGION FIGURES









10 GW capacity

5,000 wind turbines

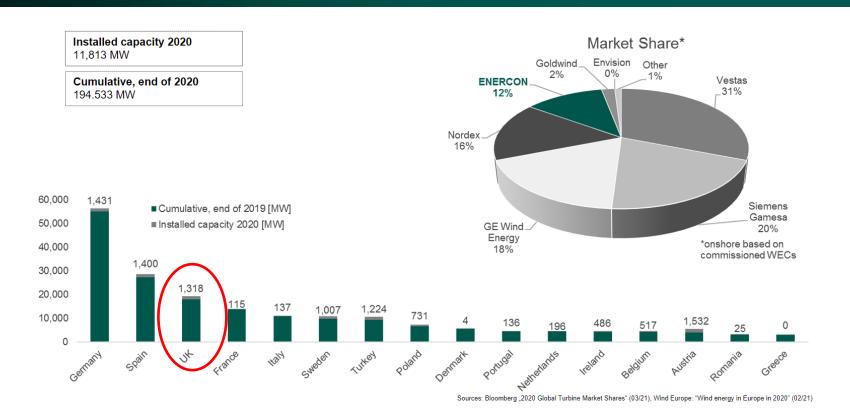
1,400+ employees with wide range of skills & experience

70 service stations

- High market shares
- Historical presence & proximity to customers
- Strong technological capabilities
   Prototypes in the Region:
- E-115 EP3 E3, 4.2 MW (in BE)
- E-138 EP3, 4.2 MW (in NL)
- E-160 EP5, 4.6 MW (in NL) awarded
   "Best Turbine 4.5 MW+ 2020" by Windpower Monthly
- Large network of Service Stations
- Unique Know-How: near-shore wind farms, industrial zones, powered-plants, repowering

# MARKET OVERVIEW – EUROPE ONSHORE WIND





# MARKET OVERVIEW – GREAT BRITAIN



#### June 2015



March 2020



March 2022



# MARKET OVERVIEW - GREAT BRITAIN

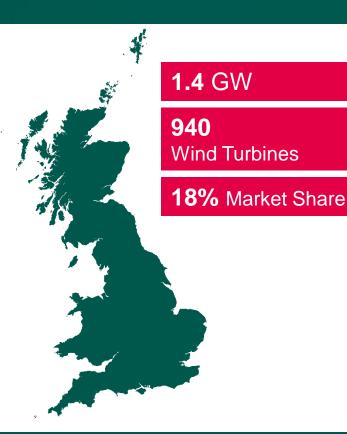


## **GB Market**

- Government tariff cuts in 2015 encourages small subsidy free market
- Subsidy free grows through corporate PPAs, backed by very high electricity price
- Government CFD auctions now returning, boosting market for 2023 onwards
- Strong commitment now to onshore wind
- Market will return to peak of 5 years ago, between 1000-1500 MW a year

## Our strengths

- Established since 1995
- Turbine sweet spots according to tip heights:
  - E-115 4.2 MW @ 125m tip
  - E-138 4.2 MW @ 150m tip
  - E-160 5.5 MW @ 200m tip
- Very close cross country regional relationships within ENERCON
- Can leverage partnerships with customers with multi-country interests



# PRODUCT PORTFOLIO



EP5  E-160 EP5 E2 5,500 kW  E-160 EP5 E3 5,560 kW  E-115 EP3 E3 2,990 / 4,200 kW  E-115 EP3 E4 4,260 kW  E-82 E4 2,350 / 3,000 kW  E-82 E2 2.000 / 2.300 kW  You can find		IEC/EN IA (strong)	-	IEC/EN IIA (medium)	IEC/EN IIIA (weak)	
EP3 E-115 EP3 E4 4,260 kW  E-82 E4 2,350 / 3,000 kW  E-82 E2 2.000 / 2.300 kW  You can find	EP5					
EP2 You can find	EP3			E-138 EP3 E3 4,260 kW	<b>E-138 EP3 E2</b> 4,200 kW	
E-70 E4 2,300 kW  Last contract signature: 12/2022  Last contract signature: 12/2022  Last contract signature: 12/2022  all the WEC data here:	EP2	<b>E-70 E4</b> 2,300 kW		<b>E-92</b> 2.350 kW	all the WEC	ŧГ

- With our broad portfolio we are pursuing our goal of offering at least one competitive wind energy converter in every power class.
- GB Trends EP2 phasing out, EP3 increasing, EP5 entering

## PROJECT MANAGEMENT

ENERCON REGION

Experienced multidisciplinary team with +120 members across the 6 countries in the region.

**Proximity to the clients** for optimization of projects from permitting phase to tendering, interface management or special engineering solutions, and increasing the attention to customer expectations.

Full expertise in project management for construction of wind projects:

- from "delivery & installation" projects, to full EPC and Turn Key contracts, including electrical and civil infrastructure.
- Complex locations, as industrial/harbor/dikes sites, especial transport or crane solutions.

Regional organization > faster reaction, local decision-making and a direct and optimized interface with all corporate functions as supply chain or engineering.



## SERVICE



#### **PAST**

- Y Global decisions using averages; i.e. GB is different
- Y Changing market, politics, economics + pandemic = impact to our works

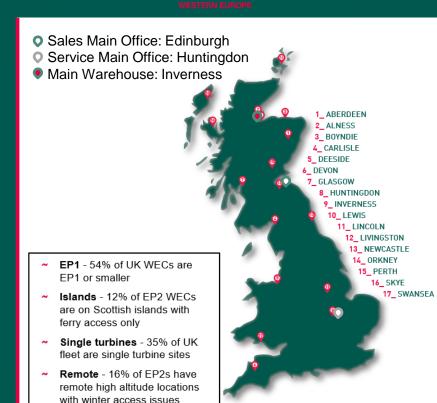
## **TODAY**

- Region takes control!
- Y Key topics = support, responsiveness, customer centric approach!
- Y Significant increase in field and support, +20 FTE

## **FUTURE**

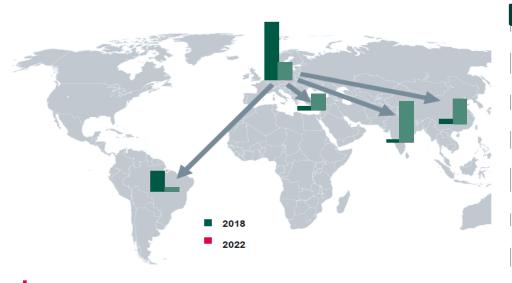
- Y Dedicated clusters; Field Area Manager / Technical Support / Coordinator
  - → close to our Technicians and close to YOU
- Y Support and growth for GB 2022/23
- Y Service levels to ENERCON standards and market expectation

**DELIVER WHAT WE PROMISE!** 



## **SUPPLY CHAIN TRANSFORMATION**





Component		Value Add	Act. 2019	Target 2022
Blade		Buy¹	11%	70%
		International <sup>2</sup>	58%	> 100%
4		Buy	0%	<b>&gt;</b> 40%
Hub		International	0%	> 40%
Nacelle		Buy	0%	> 25%
Nacelle		International	0%	> 35%
Generator		Buy	6%	> 55%
Generator		International	32%	> 70%
		Buy	0%	> 25%
E-Module		International	0%	> 35%
Tower		Buy	53%	> 100%
TOWEI	LAX	International	69%	> 100%
Steel & Castings		Buy	25%	> 80%
		International	40%	> 80%

- Implemention of global supply chain with capacities in best cost countries for EP3-EP5: secured contracts with external suppliers for key components in India and China
- EP2: 100% manufactured in Europe
- EP3: 67% (towers based on best landed costs)
- EP5: 40% (towers based on best landed costs)

## **BREXIT CHALLENGES**



#### **Global mobility**

- Difficulty in bringing teams to work on UK projects. Complex visa and business visitor rules.
  - Mitigated by significant admin and focus on UK talent

#### **Spare parts**

- General delays, volatility and uncertainty in bringing spare parts to UK. UK Customs hold some of our consignments at the border for inspection – particularly if they are "dangerous goods" e.g. Capacitors; batteries etc.
- Previously in 2021 our German Freight Forwarder (Schenker) was not able to handle deliveries into the UK immediately post Brexit and they suspended their services.
  - Mitigated by higher stock levels, better planning, better risk management

#### **Material supply**

- Delays in material coming from our factory in Portugal to the UK
  - Mitigated by higher stock levels, better planning, better risk management

#### **Company structure**

- Significant additional admin & cost due to requirement to set up 2x new UK Limited companies to replace the Branch organisation
  - Costs need to be absorbed

# TO SUMMARISE







