

# MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:  
10000416886-MSC-RvA-DEU

Initial certification date:  
21 September 2019

Valid:  
29 September 2025 – 20 September 2028  
Expiry date of last certification cycle:  
20 September 2025  
Date of last re-certification:  
22 August 2025

This is to certify that the management system of  
**Fraunhofer-Institut für Windenergiesysteme  
IWES**

Am Seedeich 45, 27572 Bremerhaven, Germany

and the sites as mentioned in the appendix accompanying this certificate

has been found to conform to the Environmental Management System standard:  
**ISO 14001:2015**

This certificate is valid for the following scope:

- **Prototype validation on test benches**
- **Validation and technology development, studies, and optimization**
- **Implementation and analysis of numerical modeling and simulations**
- **Standardized and customer-specific measurement campaigns**

Place and date:  
Barendrecht, 29 September 2025

For the issuing office:  
DNV - Business Assurance  
Zwolsseweg 1, 2994 LB Barendrecht,  
Netherlands



**Erie Koek**  
Management Representative

## Appendix to Certificate

### Fraunhofer-Institut für Windenergiesysteme IWES

Locations included in the certification are as follows:

| Site Name                                                                         | Site Address                                    | Site Scope                                                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Fraunhofer-Institut für Windenergiesysteme IWES                                   | Am Seedeich 45, 27572 Bremerhaven, Germany      | Central function                                                                                                                                                                                                                      |
| Fraunhofer-Institut für Windenergiesysteme IWES                                   | Am Seedeich 45, 27572 Bremerhaven, Germany      | - Prototype validation on test benches- Validation and technology development, studies, and optimization- Standardized and customer-specific measurement campaigns- Implementation and analysis of numerical modeling and simulations |
| Fraunhofer-Institut für Windenergiesysteme IWES                                   | Großer Westring 2, 27572 Bremerhaven, Germany   | - Prototype validation on test benches - Validation and technology development, studies, and optimization - Implementation and analysis of numerical modeling and simulations                                                         |
| Fraunhofer-Institut für Windenergiesysteme IWES                                   | Am Luneort 100, 27572 Bremerhaven, Germany      | - Prototype validation on test benches- Validation and technology development, studies, and optimization                                                                                                                              |
| Fraunhofer-Institut für Windenergiesysteme IWES                                   | Merkurstrasse 13, 30419 Hannover, Germany       | - Prototype validation on test benches- Validation and technology development, studies, and optimization- Implementation and analysis of numerical modeling and simulations                                                           |
| Fraunhofer-Institut für Windenergiesysteme IWES                                   | Am Fallturm 1, 28359 Bremen, Germany            | - Validation and technology development, studies, and optimization - Standardized and customer-specific measurement campaigns                                                                                                         |
| Fraunhofer-Institut für Windenergiesysteme IWES                                   | Am Schleusengraben 22, 21029 Hamburg, Germany   | - Prototype validation on test benches - Validation and technology development, studies, and optimization                                                                                                                             |
| Fraunhofer-Institut für Windenergiesysteme IWES                                   | Am Haupttor 4310, 06237 Leuna, Germany          | - Prototype validation on test benches - Validation and technology development, studies, and optimization                                                                                                                             |
| Flughafen AD8 (Windenergieanlage)_Fraunhofer-Institut für Windenergiesysteme IWES | Am Luneort 15, 27572 Bremerhaven, Germany       | Test Center                                                                                                                                                                                                                           |
| Hangar I (PQ4Wind)_Fraunhofer-Institut für Windenergiesysteme IWES                | Am Luneort 15, 27572 Bremerhaven, Germany       | Test Center                                                                                                                                                                                                                           |
| Hangar II (Bojen)_Fraunhofer-Institut für Windenergiesysteme IWES                 | Am Luneort 15a, 27572 Bremerhaven, Germany      | Service Center                                                                                                                                                                                                                        |
| Hangar IV (Lagerhalle)_Fraunhofer-Institut für Windenergiesysteme IWES            | Am Luneort 15, 27572 Bremerhaven, Germany       | Storage                                                                                                                                                                                                                               |
| Hangar V (HLB)_Fraunhofer-Institut für Windenergiesysteme IWES                    | Am Luneort 15, 27572 Bremerhaven, Germany       | Test Center                                                                                                                                                                                                                           |
| Rotorblatthalle 90m_Fraunhofer-Institut für Windenergiesysteme IWES               | Großer Westring 7, 27572 Bremerhaven, Germany   | Test Center                                                                                                                                                                                                                           |
| Rotorblatthalle 70m_Fraunhofer-Institut für Windenergiesysteme IWES               | Kleiner Westring 16, 27572 Bremerhaven, Germany | Test Center                                                                                                                                                                                                                           |

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| Site Name                                                                   | Site Address                                            | Site Scope                 |
|-----------------------------------------------------------------------------|---------------------------------------------------------|----------------------------|
| Rotorblatthalle 115m+_Fraunhofer-Institut für Windenergiesysteme IWES       | Großer Westring 4, 27572 Bremerhaven, Germany           | Test Center                |
| Alte Werft_Fraunhofer-Institut für Windenergiesysteme IWES                  | Kleiner Westring 19, 27572 Bremerhaven, Germany         | Test Center                |
| Metall- und Holzhalle_Fraunhofer-Institut für Windenergiesysteme IWES       | Großer Westring 10, 27572 Bremerhaven, Germany          | Storage                    |
| Seismik_Fraunhofer-Institut für Windenergiesysteme IWES                     | Westkai 34, 27572 Bremerhaven, Germany                  | Service Center and Storage |
| Mehrzweckhalle (HilGridCop)_Fraunhofer-Institut für Windenergiesysteme IWES | Am Luneort 100a, 27572 Bremerhaven, Germany             | Test Center                |
| Grubehalle_Fraunhofer-Institut für Windenergiesysteme IWES                  | Carsten- Börger- Straße 2-8, 27572 Bremerhaven, Germany | Storage                    |
| HLL Elektrolyseplattform_Fraunhofer-Institut für Windenergiesysteme IWES    | Am Haupttor 4115, 06237 Leuna, Germany                  | Research                   |

