

MANAGEMENT SYSTEM CERTIFICATE

Certificate no.:
C699816

Initial certification date:
13 January 2025

Valid:
13 January 2025 – 12 January 2028

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 Energy Management System standard:
ISO 50001:2018

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	Am Luneort 100, 27572 Bremerhaven, Germany	- Prototype validation on test benches- Validation and technology development, studies, and optimization
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	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	Postkamp 12, 30159 Hannover, Germany	- Validation and technology development, studies, and optimization - Implementation and analysis of numerical modeling and simulations
Fraunhofer-Institut für Windenergiesysteme IWES	Küppersweg 70, 26129 Oldenburg, Germany	- Validation and technology development, studies, and optimization - Implementation and analysis of numerical modeling and simulations
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

Site Name	Site Address	Site Scope
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
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