



EU DATA ACT:

**New Legislation
Enables Secure Data
Sharing for The Wind
Industry - Leading to
More Transparency,
Less Risk and Less
Downtime**

EU DATA ACT

Growing turbine size, combined with limited liabilities in modern Full-Service Agreements, exposes owners, insurers, and banks to more and more risk.

Downtime risks are increasing not only due to higher expected revenue loss, but also due to longer downtime periods for component exchanges, as logistics are more complex for bigger wind turbines as well.

These days, it is common that insurers are asked for a duration of liability of 18 months or more. As we deploy more and more modern wind turbines, we also expose those hard-to-manage risks to the markets. One can ask how long it will take until the appetite in the insurance market for underwriting modern wind turbine risks diminishes.

Data-driven predictive maintenance is a proven and acknowledged method for reducing machine failure-related downtime risks, thereby keeping wind turbine risks manageable.

The EU Data Act

For years, wind park owners and operators have **faced challenges accessing the operational data of their wind turbines**. SCADA, CMS, or blade sensor data have often been restricted or costly to obtain, resulting in low transparency and **blind spots in operations**. The uncertainty of data ownership has resulted in missed opportunities **for both owners and OEMs**.

Since **September 12, 2025**, wind turbine operators (“Users”) gain **free, and direct access to all “wind turbine data” generated by the turbines they operate**. This represents a fundamental shift in data access and control. All “wind turbine data” (sensor data from the turbine or third parties sensor providers, like SCADA data, blade monitoring data, wind farm controller data, other measurement data like LiDAR, data from converter stations, communication equipment (router, firewall)) must be structured, machine-readable, secure, and continuously available at no additional cost. Third parties require the owner's permission to use such data.

The **EU Data Act** now generates a clear legal framework of data sharing and ownership, enabling a fundamental shift in the industry towards more transparency, collaboration and innovation for the benefit of **all** stakeholders.

What to do now?

- **Be aware that SCADA data is your asset.** Reconsider existing arrangements for data or OPC access. Talk to us or other experts with a specific understanding of the Data Act in order to ensure free and secure access to the data your wind turbines generate.
- **You have a right to ask what kind of data is generated** and potentially accessible.

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- **Define how and with whom you want to share your data**, including third party service providers, partners, and insurers. Especially your OEMs need permission from you to use your wind turbines data. This is highly important so that they can operate and maintain your turbines.
- **Leverage your data strategically** to strengthen O&M stability, support AI and insurance solutions, and reduce downtime. With the new legislation, there is a very big potential to get more data from sensors, enabling you to do even more predictive maintenance, reducing risks and downtimes.

How Turbit Can Support You

Please note that we are not providing legal advice. The views expressed in this letter reflect our understanding of the topic, but they do not constitute a legal assessment or guarantee. But we work intensively at the intersection of data, operations, regulation and insurance. We are in regular exchange with relevant authorities. If you want to understand how to put the EU Data Act into practice and benefit from it - for your wind park, we can support you.

Together with industry partners, we founded the working group Daten stärken Wind to ensure that the opportunities created by the EU Data Act benefit the entire wind industry. We believe more data and more transparency will result in the benefit of all stakeholders in the industry, including OEMs and third party service providers.

The EU Data Act is active. The new legislation promotes more secure data sharing and greater transparency, which strengthens O&M stability, improves risk management for insurance, and increases investor confidence in wind energy.

Feel free to contact us, if you want to join the working group, or if you have any other questions.

Resources and Further Information

- Daten stärken Wind: [datenstärkenwind | eu data act](#)
- Wind. Daten. Wirkung. Podcast: [Wind. Daten. Wirkung.](#)
- Data Navigator Podcast: <https://open.spotify.com/show/0nao7ONcd52S8OzriQEvG4?si=3f7f827bdb864ac0>
- EU Data Act Webinar: [The EU Data Act Webinar: Key Insights and the Path Forward for the Wind Industry](#)
- Blog Post: [EU Data Act - a Game Changer for the Wind Energy Sector](#)
- Data Act expert: Dr. Hubertus von Roenne, hubertus.vonroenne@datasharingsolutions.com