

# WINDEX Course

## Understand and master the use of wind energy indexes

One-day professional training session dedicated to the use of wind energy indexes, for the monitoring of wind farm portfolios. Specially created for Asset Managers, it is open to wind farm operators.

Organised and coordinated by



**2024 sessions**  
in Paris

Tuesday January 30<sup>th</sup> (in French)

Tuesday June 4<sup>th</sup> (in English)

Tuesday November 19<sup>th</sup> (in French)

- What are the purposes of wind energy indexes?
- How to explain the production variations of my wind farms?
- How to assess the actual P50 of my wind farms?
- How to explain the deviation between theoretical and actual P50?
- How to check the stability of performance over time?

### Target Audience

Created by EOLTECH and METROL in 2016, this one-day professional training course is open to all professionals who wish to benefit from a starter tool to monitor and analyse their wind farm production capacities over time. In particular, this course is recommended for assets managers, project developers, operators, financiers and wind farm owners.

### Learning objectives

Beyond the theoretical framework, our case studies focus on the proper use of energy indexes. They illustrate wind energy index applications and highlight best practices. At the end of this training session, attendees shall be able to: put their wind farm production into perspective with the corresponding energy indexes, carry out a preliminary assessment of their wind farm effective production capacities with an energy index, understand energy index uncertainty levels, monitor and master the production capacities of different wind farms in operation over time.

### Methodology and tools

The training session lasts **7 hours of effective learning**. The lunch break enables to continue exchanges and discuss current news and wind power perspectives. The training support is provided in paper format only. Participants are strongly encouraged to bring their own laptop to follow the case studies. METROL delivers a training certificate and a copy of the attendance sheet at the end of the session.

### Number of participants

To create the best context for group discussions, especially during case studies, **the number of participants is limited to 10**.

### Schedule

<p><b>9h</b> Welcoming of the participants</p> <p><b>9h15</b> Training course objectives, introduction and context</p> <p><b>10h00</b> Part 1 Wind resource variability, Theoretical P50 vs Actual P50 Wind energy indexes definition and objectives First steps (practical cases)</p> <p><b>13h00</b> Lunch &amp; discussion on the context and development factors of wind energy</p>	<p><b>14h30</b> Part 2 Proper use of indexes and best practices Annual balance sheet and production capacity follow-up over time</p> <p><b>15h30</b> Part 3 Practical case studies on laptops and discussions on the results</p> <p><b>17h45</b> End of session</p>
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### Registration rules and general conditions

Please fill out our registration form which you can download from [www.metrol.fr](http://www.metrol.fr), and return it to METROL by email at [info@metrol.fr](mailto:info@metrol.fr). **The registration fee is EUR 876** (i.e. EUR. 720 + 20% VAT). We shall confirm your enrolment upon receipt of the registration form and full payment of the registration fee. Participants will receive a notification 15 days before the day of the session. General conditions can be downloaded on [www.metrol.fr](http://www.metrol.fr).

### Practical information




The session takes place in Paris at METROL's premises located 44 rue de la Quintinie - 75015 Paris (métro Vaugirard - Ligne 12)

### Eoltech and METROL


Founded in 2002, Eoltech is an independent consultancy firm focused on wind and solar resource assessment. With over 20 years of experience in this field, it has expanded its range of services to become the leading player in this sector on the French market. Eoltech is a trusted third party, fully independent from any project development, and therefore meets all the independence requirements for the wind and solar project financing phase.

Founded in 1984, METROL works primarily on behalf of institutional partners in the Renewable Energies and Energy Management sector. METROL is a professional training services firm specialized in turnkey organization and moderation of training sessions, seminars, conferences, round tables and is regularly appointed to conduct various independent expert assessments. The company also designs and organizes Energy Transition project orientation and promotion programs.



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