

# Wind Energy 360° - Operational aspect of wind power

In two days you'll learn a lot about wind power: market, rules and roles, turbine systems, different makes and models, loads and risks, and also efficient operational strategies. Speakers have best level experience in industry and real life examples. Large amount of time is allocated for networking.



There has been construction boom of windpower in Finland and numbers keep rising. This shows also in ranks of people working in industry. Not only developers and designers, but operation managers, service supervisors and team leaders. This seminar is aimed for new professionals and people who are shifting to operational part.

Book your seat and step into most interesting part of wind power!

**Early bird discount 980 eur +(VAT), until 30.9.2024 monday, 1.10.2024  
normal Price is 1250 eur+(VAT)**

## Who is the training suitable for?

This seminar is aimed for new professionals and people who are shifting to operational part.

Wind farm employees  
municipal decision-makers  
owners and financiers of wind turbines  
those who are responsible for maintenance  
those who are responsible for use  
those who are responsible for occupational safety

## Content of the training

### Windpower globally, Wind power in Finland

Market situation, history and trends  
Main challenges, transition and China factor

### Loads created by wind

Wind turbine's main components

Loads affecting turbines in operation, short and long term stresses  
Main components and configuration options

### Grid code & reserve power market

EU market, special features in Finland  
New market for reactive power, frequency and power reserves  
Remote control functions, costs and benefits.

### Turbines in Finland

Review of all main turbine types available in Finland

### Profit generation, stakeholders

Different power supply contracts, incentives and compensations  
Different stakeholders, their requirements and motives .

### Availability

Definitions, exclusions

## **Operation of winfarms**

Stakeholders & roles  
Functions  
Responsibilities

## **Safety in wind turbines**

Roles and responsibilities  
Risks & management  
Training and supervision

## **Systems in turbines**

Detailed review of all main systems and related problems  
Maintenance works

## **Maintenance strategies**

Proactive vs. reactive maintenance  
different levels of maintenance  
Efficient maintenance  
Networking  
\*during the day

## **Contact**

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## **Experts**

### **Jukka Kauppinen**

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## **Upcoming trainings**

### **Wind Energy 360° - Operational aspect of wind power**

**Location:** Helsinki

**Timespan:** 21.-22.1.2025

**Register by:** 6.1.2025

**Duration:** 2 days

**Hinta:** 1 250,00 € VAT 25,5 % The full price including VAT 1 568,75 €

## Lisätietoa

### Wind Energy 360° - Operational aspect of wind power

21.1.2025 - 22.1.2025

Helsinki

#### Tiistai 21.1.2025

Wind Energy 360° - Operational aspect of wind power 1. päivä

Helsinki

#### 9.00-10.00

Windpower globally/Wind power in Finland

Feodor Gurvits, Airice Oy

- Market situation, history and trends
- Main challenges, transition and China factor

#### 10.00-10.45

Networking

Feodor Gurvits, Airice Oy

#### 10.45-11.30

Loads created by wind

Feodor Gurvits, Airice Oy

Wind turbine's main components

- Loads affecting turbines in operation, short and long term stresses
- Main components and configuration options

#### 11.30-12.30

Lounas

#### 12.30-13.15

Grid code & reserve power market

- EU market, special features in Finland
- New market for reactive power, frequency and power reserves
- Remote control functions, costs and benefits

#### 13.15-14.00

Networking

Feodor Gurvits, Airice Oy

#### 14.00-15.00

Turbines in Finland

Feodor Gurvits, Airice Oy

- Review of all main turbine types available in Finland

#### 15.00-15.30

End Discussion

Feodor Gurvits, Airice Oy

- Summary, answers to public questions, discussion

#### Keskiviikko 22.1.2025

Wind Energy 360° - Operational aspect of wind power 2. päivä

#### 9.00-9.30

Profit generation, stakeholders

- Different power supply contracts, incentives and compensations
- Different stakeholders, their requirements and motives

**9.30-10.00**

Availability

- Definitions, exclusions

**10.00-10.45**

Networking

Feodor Gurvits, Airice Oy

**10.45-11.30**

Operation of winfarms

Feodor Gurvits, Airice Oy

- Stakeholders & roles
- Functions
- Responsibilities

**11.30-12.30**

Lounas

**12.30-13.15**

Safety in wind turbines

- Roles and responsibilities
- Risks & management
- Training and supervision

**13.15-14.00**

Networking

Feodor Gurvits, Airice Oy

**14.00-14.45**

Systems in turbines

Feodor Gurvits, Airice Oy

- Detailed review of all main systems and related problems
- Maintenance works

**14.45-15.30**

Maintenance strategies

Feodor Gurvits, Airice Oy

- Proactive vs. reactive maintenance
- Different levels of maintenance
- Efficient maintenance

**15.30-16.00**

End Discussion

- Summary, answers to public questions, discussion