



## PLANNING & MANAGEMENT OF ENERGY INVESTMENTS

Thessaloniki, Greece

t : +30 2310 487 501

m : [info@estiaconsulting.gr](mailto:info@estiaconsulting.gr)

w : [www.estiaconsulting.gr](http://www.estiaconsulting.gr)



# ESTIA

## Company Presentation

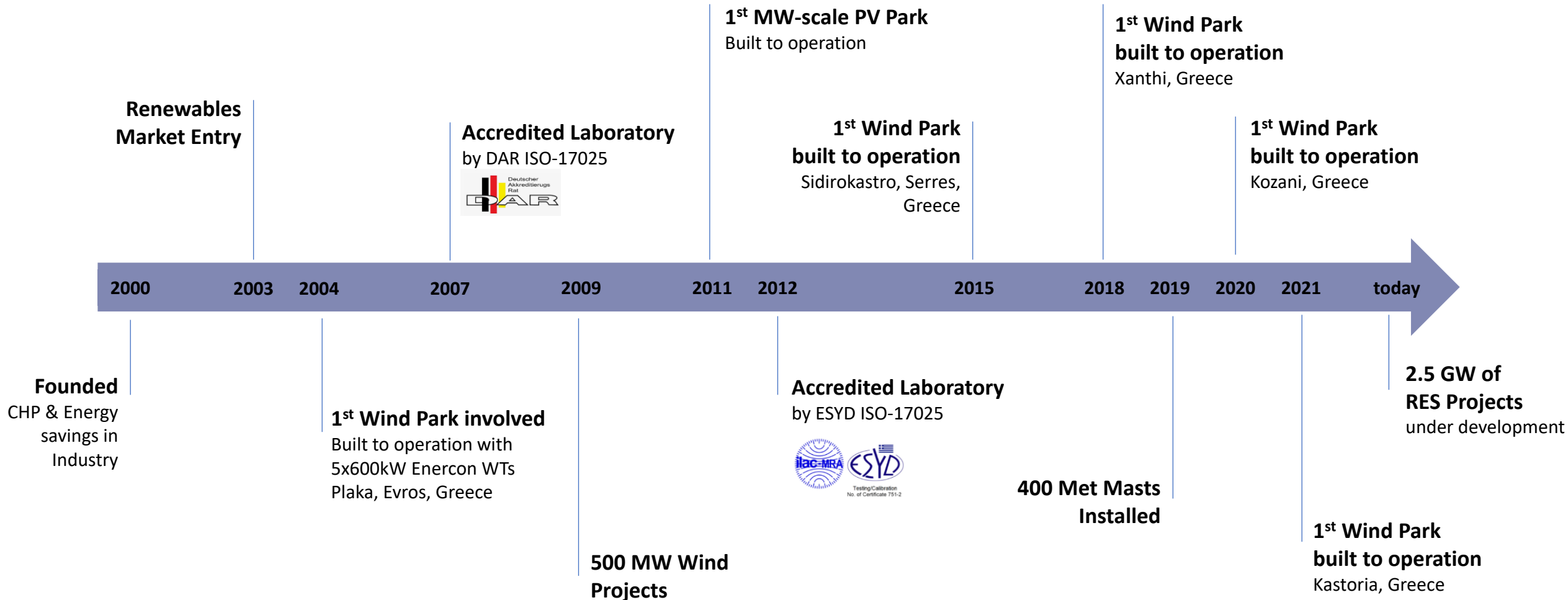
# ESTIA Timeline

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# ESTIA

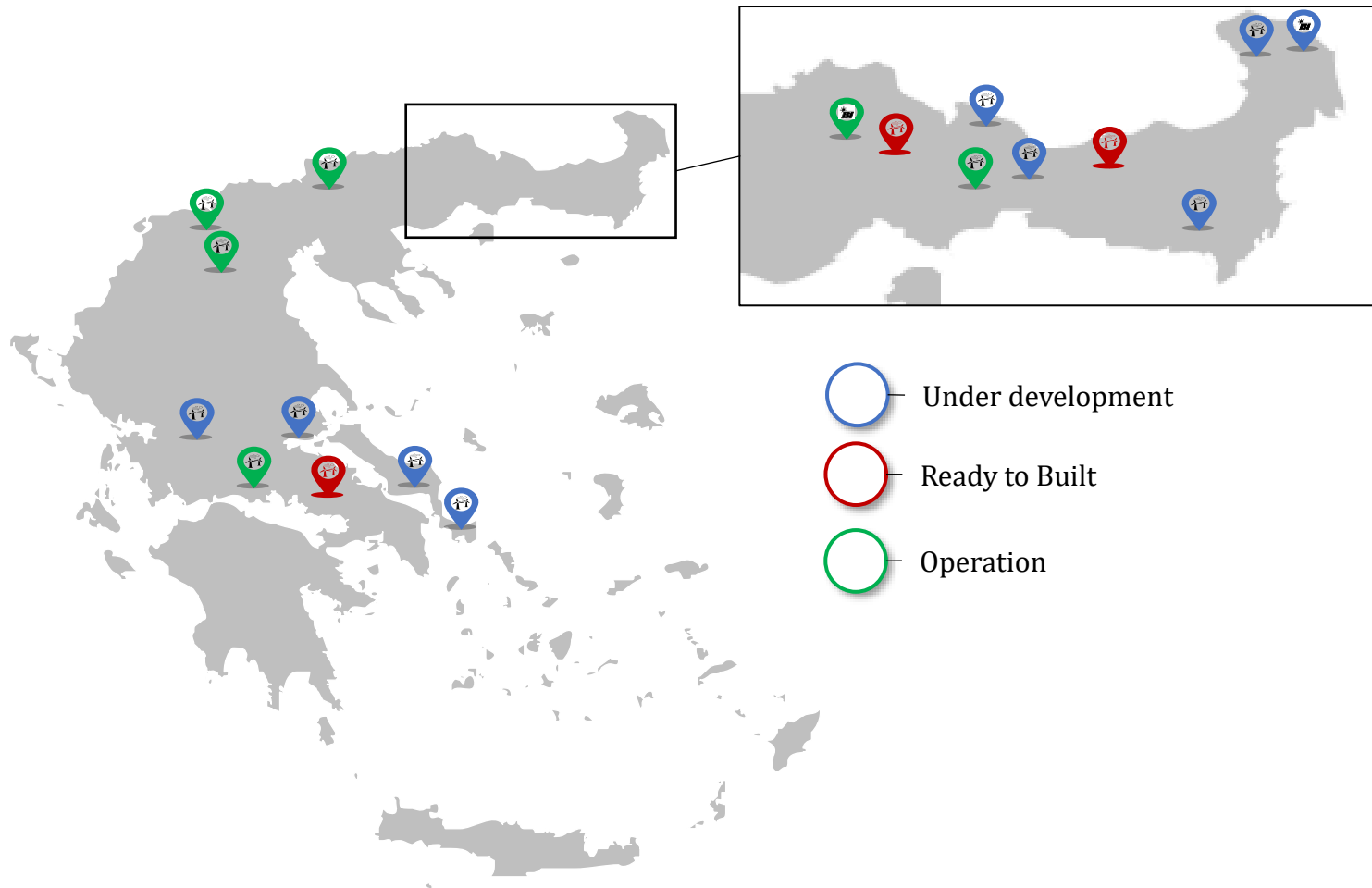
## Key Development projects

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### Clients:



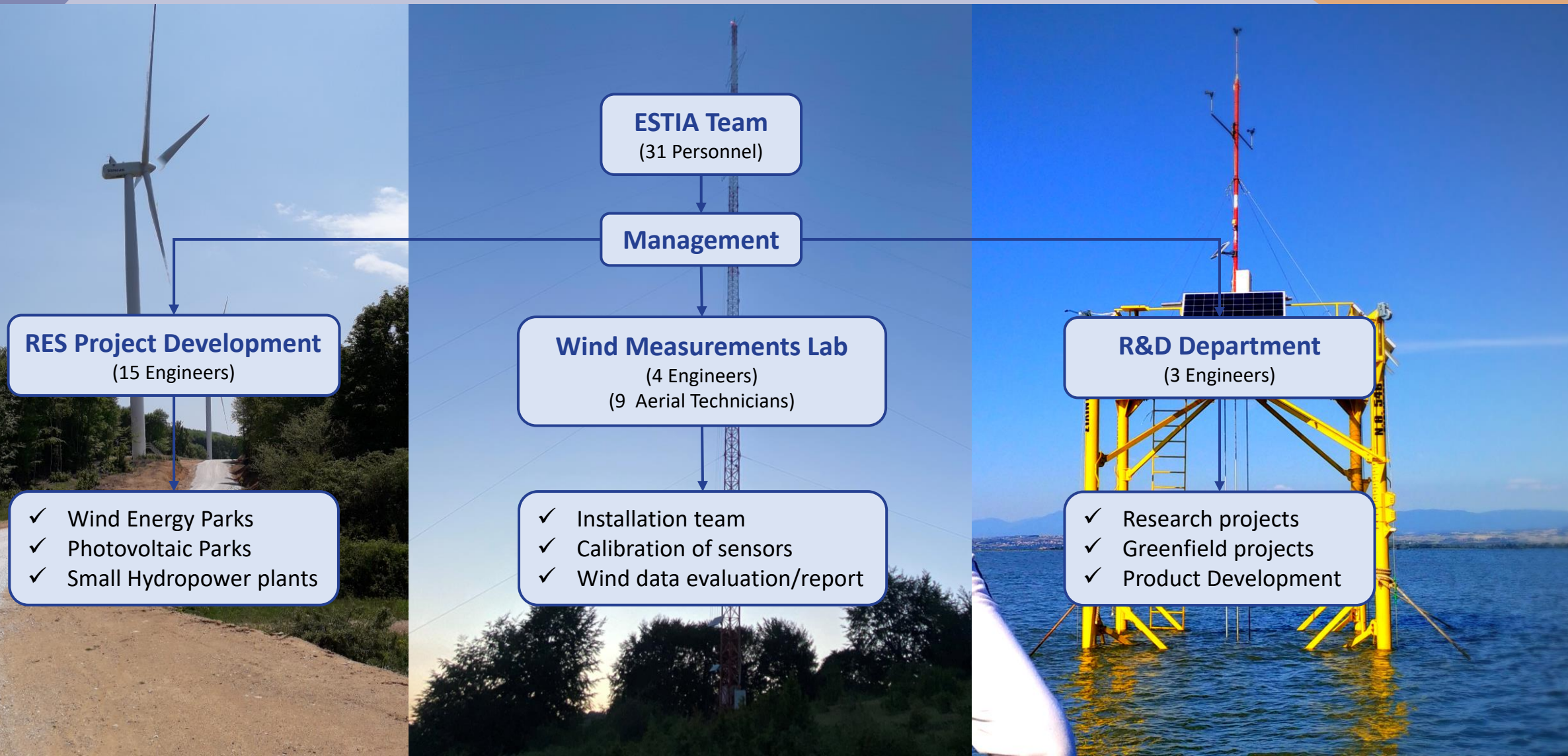
# Organisation Chart

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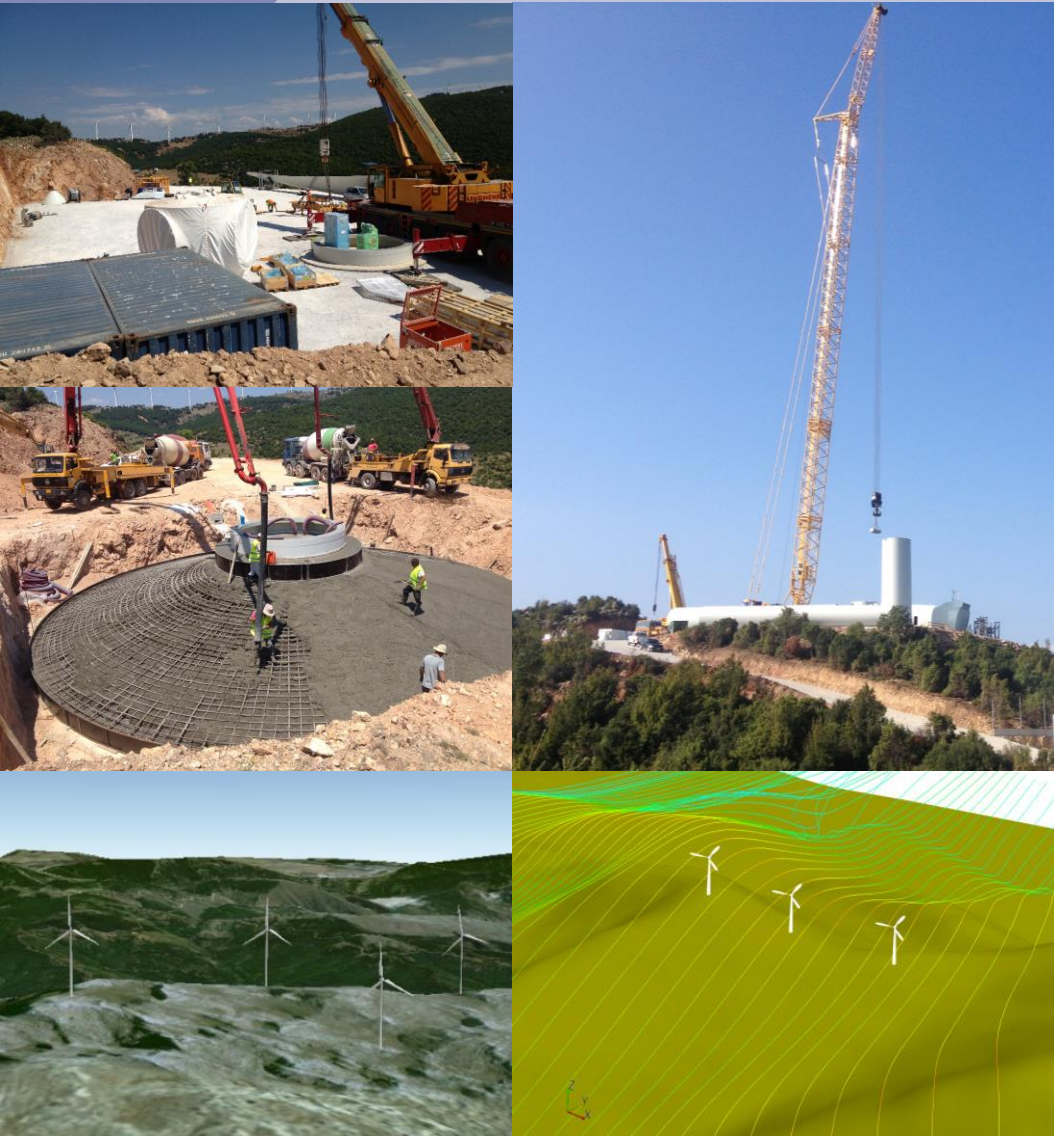
# RES Project Development

Thessaloniki, Greece

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w : [www.estiaconsulting.gr](http://www.estiaconsulting.gr)



- **Engineering of RES projects**  
site assessment, energy yield, micro-siting
- **Licensing / Permitting**  
environmental, grid-connection, operation
- **Detailed Engineering**  
CFD simulations, substations, access-roads
- **Due Diligence**  
of any renewables projects
- **Construction Management**  
procurement, planning, supervising

**ESTIA is your one-stop-shop for  
Renewables Project Development!**

# Wind Measurements Lab

Thessaloniki, Greece

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- **Accredited** wind measurements lab following international standards (IEC-17025)
- **>400 Met Masts** deployed (Greece, Italy, Albania, Bulgaria, Cyprus)
- **Up to 125m Met Mast** constructed hub-height measurements
- **>60 LIDAR** WRA campaigns  
ZX Lidars trusted service provider
- **Self-supported** wind masts designed and developed in-house



**More than 17 years of successful wind masts deployments regardless of place, weather conditions and height!**





# ESTIA's Calibration Laboratory

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## ESTIA's Calibration Laboratory

ESTIA's laboratory has established its own wind tunnel facility for calibration of wind sensors. The company's facility is accredited for calibrations according to the international standard **EN ISO/IEC 17025**.

Our laboratory offers calibration and certification for :

- **Cup Anemometer Calibration**
- **Wind Vane Calibration**

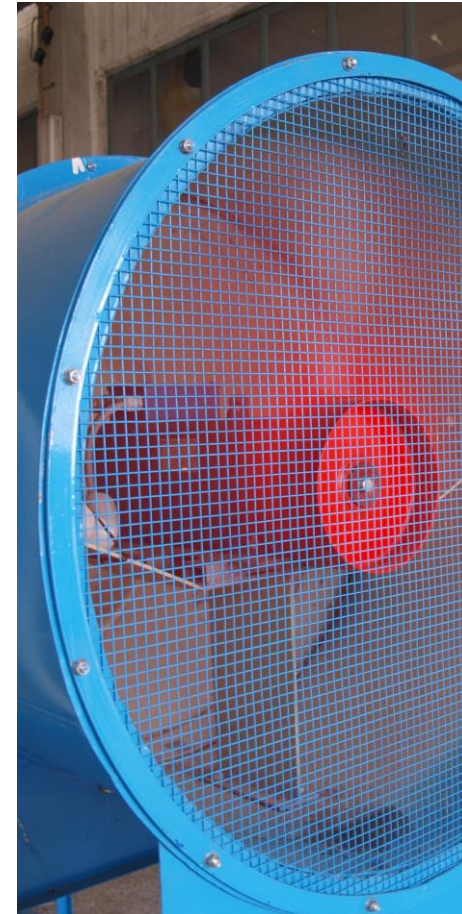


## Wind Tunnel Specifications

- 900mm x 900mm test section
- open-loop designation
- developed in-house
- 12m in length

## Laboratory Instrumentation

- Barometer – **KIMO** HTP
- Thermometer – **KIMO** TM
- Humidity meter – **KIMO** HTP
- Diff. Pressure Transducer – **SETRA**
- Data Logger - **National Instruments**
- Data Processing Software – **Signal Express**



# R&D Department

Thessaloniki, Greece

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w : www.estiaconsulting.gr



- **Research Projects**

National & European funding

- **Product Development**

Solutions for the wind industry







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# ESTIA

## Company Presentation

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