



COMPANY PROFILE

Field measurements, LiDAR and engineering analysis for wind projects

2EN supports wind projects from campaign design and field measurements through data quality, flow modelling and energy yield assessment. We combine meteorological masts, Vertical LiDAR, Scanning LiDAR and engineering analysis around the needs of each site and project.

FROM FIELD DATA TO PROJECT DECISIONS

MEASURE • MONITOR • ANALYSE • ASSESS

35+ years

Technical experience

Since 1988

Continuous company activity





COMPANY PROFILE

2EN at a glance

Long-term field experience combined with specialist measurement and analysis capability.

35+ years

Technical experience

25+

People in the 2EN team

1000+

Meteorological mast installations

40+

LiDAR & Scanning LiDAR campaigns

FIELD CAPABILITY

Measurement infrastructure, campaign operation, data analysis and wind resource assessment

Our work covers measurement infrastructure, campaign operation, data analysis and wind resource assessment. 2EN supports wind projects in Greece and internationally, including remote, complex-terrain, coastal and offshore-oriented applications.

Field measurements · LiDAR campaigns · Wind resource assessment · Projects in Greece and abroad

Four connected areas of technical capability.

01 Wind measurement campaigns

Campaign design and operation using meteorological masts, Vertical LiDAR and Scanning LiDAR, including logistics, power, communications, monitoring, maintenance and reporting.

02 Meteorological masts & infrastructure

Design, manufacture and installation of tubular and lattice masts, sensor configurations and autonomous power systems for remote or demanding sites.

03 Vertical & Dual Scanning LiDAR

Vertical wind profiling across multiple heights and wind-field reconstruction at remote or offshore target areas, supported by in-house tools for geometry, monitoring, processing and quality control.

04 Wind resource & energy yield assessment

Long-term correction, vertical and horizontal extrapolation, flow modelling, gross and net AEP, loss assessment, uncertainty analysis and P50 / P90 production estimates.

One connected measurement chain

The measurement objective, field setup and final engineering use of the data remain connected throughout the project.



We can manage the complete process or support individual stages, including projects with existing measurement data.



Measurement quality is supported by accredited methods, certified systems and active technical engagement.

01 ISO/IEC 17025

Accredited Wind Measurement Laboratory for wind speed and direction; LiDAR wind speed scope extended in 2025.

02 MEASNET

Member since 2019, with active participation in the Site Assessment Expert Group.

03 Certified management systems

ISO 9001, ISO 14001 and ISO 45001 certified management systems.

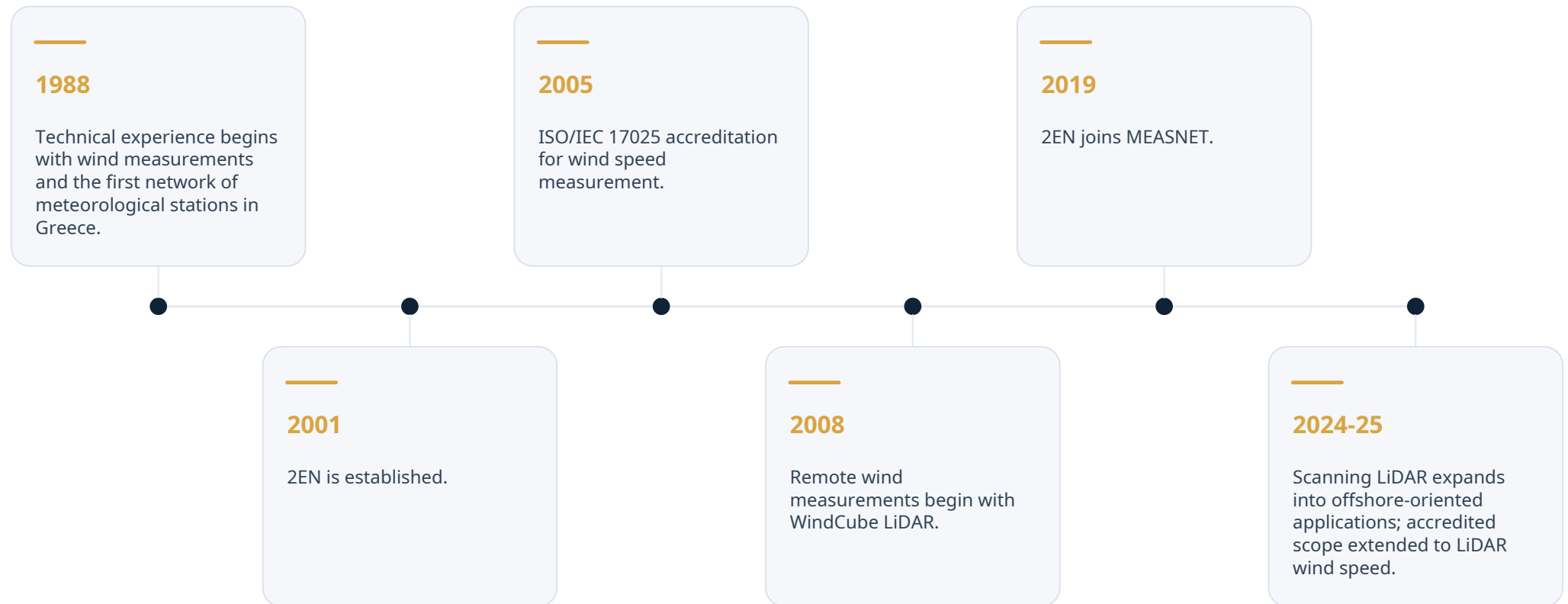
04 IEA Wind Task 52

Participation in technical activities related to LiDAR, Scanning LiDAR and evolving measurement standards.

ISO/IEC 17025 · MEASNET · ISO 9001 · ISO 14001 · ISO 45001 · IEA Wind Task 52

Selected milestones

A technical path built around wind measurement, field infrastructure and LiDAR.



Field experience, specialist measurement technology and engineering analysis - connected within one team.