

Research position wind turbine design

A convenient truth: the wind energy sector has expanded by 20% per year in the last decennia. This growth will continue as wind energy is the morning sun energy source.

The unit

The Unit ECN Wind Energy employs 40 researchers. The unit holds a strategic position in between universities and industry. More information is provided at www.ecn.nl/wind/.

Your position

You will be involved, as a project manager / researcher, in managing and executing national and international projects in the area of aero-elastic wind turbine design. You will be an important link between R&D and the industry. Your focus will on the development, validation and application of numerical models. The activities aim at further improvement of the design and analysis tools that are being developed and used by ECN. The software is used to analyse the dynamic response of wind turbines to turbulent wind conditions, including resulting loads, and evaluation of the aero-elastic stability.

Your profile

You have an academic degree in aerodynamics or structural dynamics and preferably several years of research experience in this area. Knowledge in the field of fluid-structure interaction is considered an advantage. You have evident capacities and affinity with analytical and numerical aspects. You have a commercial and pragmatic attitude and are a good team player. Moreover, you are fluently in speaking and writing in English.

Contact

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