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EXHIBITOR FORUM

# Vestas®

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Topic: Significance of wind & site studies – The importance of quality wind

All over the world, people must prepare to use new forms of energy. Wind power is a renewable, predictable and clean source of energy. Substantial capacity can be built up quickly, offering the energy independence demanded by the world's largest and fastest-growing economies. This is why we call wind power, modern energy.

If you are considering investing in a wind power plant, choosing the right location is crucial to success. Thus, from the start, it is important to identify the various circumstances that may substantially affect the cost structure of the project.

Certain knowledge about wind resources is essential for analysing power production and rate of return for a wind power project. This knowledge is usually based on detailed measurements taken from several measuring masts in the area where the wind power plant will be constructed. At a minimum, data measurements must be evaluated in terms of terrain, final layout of the wind power plant, as well as historical measurements and data on wind conditions in the area. The better the decision-making documentation, the easier it is for you to reduce the investment risk, evaluate rate of return and ensure stable production of wind power for at least the next 20 years.