



# Offshore Wind Turbines

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**LIC**engineering A/S has been involved in the development of cost efficient steel foundations for the new generation of larger offshore wind turbines. Design of mono pile steel foundations has been performed. Calculations of hydrodynamic loads on the shallow water foundation, including the effect of breaking waves have been performed



**LIC**engineering A/S is developing a cost efficient flange connection to be used offshore for connection between wind turbine tower and a driven mono pile.



## Who is LICENGINEERING?

**LICENGINEERING** A/S is an engineering company specialized in fluid and structural dynamics, subsea-, soil-, and marine engineering, and underwater acoustics. It delivers specialized services comprising analyses, design, project supervision, and project administration. Further, it supplies complete systems of underwater acoustical equipment for monitoring of fish or for measurements of velocities, waves, currents and turbulence. A large part of the turnover comes from research and development for the industry. The company has a staff of 25 persons.



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