

# Stability and Wake

The objective of this project is to model and explore the influence of atmospheric stability conditions on structural loading and production losses of wind turbines operating in wind farm conditions, and to use the developed model package for design of load alleviating control systems.

The capabilities of the package will be demonstrated by comparing predictions with full-scale wind farm data.

Deltager		Tilskud	Projekt deltager	Totale udgifter	%
		(1000 kr)	(1000 kr)	(1000 kr)	
1	Risø-DTU	3.654.357	644.887	4.299.244	85,00
2	DONG Energy	342.100	342.100	684.200	50,00
3	MEK-DTU	732.579	129.279	861.857	85,00
4	Vestas	0	1.065.960	1.065.960	0,00