**Article focus: A brainstorming exercise**

In one or two sentences, answer each of the following questions. Please be sure that your answers are appropriate for a general audience.

1) Why is your field important?

*My research is on investigating mutual wake effects in clusters of wind turbines, where wakes have to be understood as the “shadow” arising behind a turbine due to the extraction of energy from the wind. This topic is of high relevance, as wind energy forms a cornerstone in the European policy on clean energy, especially for a country like the Netherlands where there is an abundance of wind.*

2) What has already been studied in your field?

*We know much about the wake just aft of the turbine as it is important for the design of the rotor itself. This wake regime is known as the near-wake.*

3) What has not been studied? Why is this gap significant?

*However, relatively little is known about the wake further downstream (in other words: the far-wake), where wakes influence the performance of surrounding wind turbines. In addition, most studies have focussed on turbines with their rotor pointed directly at the wind, but in reality rotors are oriented with a certain inclination angle to the wind: the yaw angle, which affects the wake development.*

4) How does your research relate to this gap, and what is the goal of the current article? *Be sure to write a sentence that begins “The goal of this article is to […],” followed by a strong and specific verb (“propose,” “theorize,” “develop,” “investigate,” “discover”).*

*The goal of this article is to develop a deep understanding of existing knowledge on the far-wake behaviour of wind turbines that are operated in yawed conditions.*

5) What have you done, or what are you doing, to achieve this goal?

*I have carried out a literature research on the topic, I am doing numerical simulations of the wakes, and next year I will be commence with a campaign in the wind tunnel. Nevertheless, I want to focus the content of the current article on the literature review alone.*

6) What is the working title of your article?

*Review of aerodynamics and engineering models for wind turbine wakes in yaw*