

Offshore Wind Farms: Trends and Visions International Competition

The competition is aimed at two groups of entrants:

- secondary school students, and
- undergraduate, postgraduate and doctoral students.

The honorary patrons of the Competition are His Magnificence Rector of the Maritime University of Szczecin and the Marshall of the Western Pomerania Province. Academic staff members of the Maritime University of Szczecin as well as a number of commercial companies operating in the offshore wind farm industry, have taken patronage over content-related aspects of the competition.

Scope of the competition:

- A PowerPoint presentation of a maximum of ten slides, maximum viewing time — ten minutes, discussing the development of offshore wind energy
- Entrants can present the most futuristic solutions and ideas for the development and utilisation of offshore wind farms and the related technologies. These can range from logistic systems to be used in the construction and operation of wind farms, through electric, power electronic, IT, mechanical, diagnostic, automation and robotic systems, to marine biology in the broadest meaning of the term, including changes in the ecosystem, prevention of environmental changes harmful to marine life, as well as opportunities offered by offshore wind farms.
- At Stage 1, entrants will send in, by email, a presentation of a maximum of ten slides, and a brief description of selected key aspects of their concept. The idea should be shown in a concise yet relatively detailed manner to raise the interest of the competition committee and be expanded on in stage 2 of the competition. The proposed concept can be based on currently non-existent systems, which may be developed in the future, e.g., given the development of certain material, electronic or diagnostic technologies, specialised craft, etc.
- Entrants who qualify for stage 2 will present their idea to a larger forum. In the 2020 edition, considering the COVID-related safety concerns, the live presentation will be done online on an indicated web-based communications platform. In the future editions, stage 2 is expected to be held before a wide European or world forum of individuals interested in the development of offshore wind farms.
- The PowerPoint slides should be captioned in English. Secondary school Entrants will be permitted to choose the language of their oral presentation at stage two (English or Polish). Undergraduate, postgraduate and doctoral students are required to use English at both stages of the Competition.

Prizes:

Apart from in-kind prizes, the first ten winners among the secondary school students will be awarded 'virtual admission' to a course of their choice at the Maritime University of Szczecin (admissions to certain courses may require the fulfilment of certain conditions, e.g., concerning physical health). Additionally, the Marshall of the Western Pomerania has funded in-kind prizes (an electric scooter, a

tablet...) for the first three winners among secondary school students from the Western Pomerania Province, regardless of the standing in the general classification.

Deadlines:

PowerPoint presentations (accompanied by a short description) for stage one of the competition should be sent in by email to konkurs@am.szczecin.pl by 27 November 2020. Stage 2 of the competition will be held in mid-December 2020.