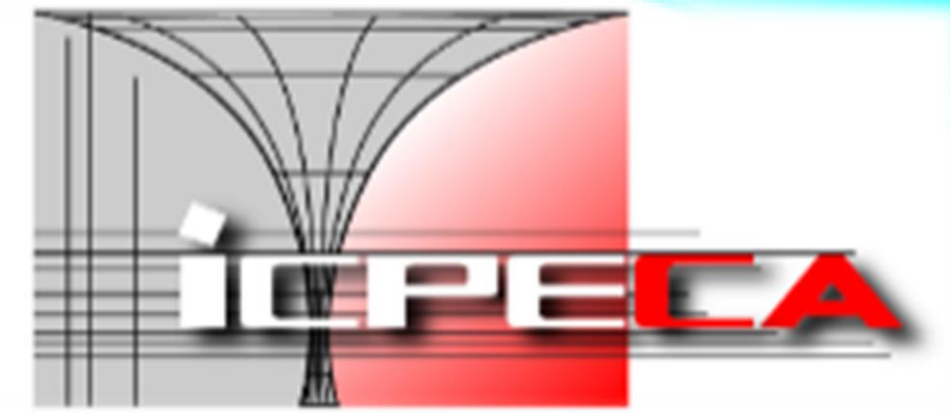




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National Institute for R&D in Electrical Engineering Bucharest, ROMANIA



PhD. Chihaiia Rares – Renewable Sources and Energy Efficiency Department



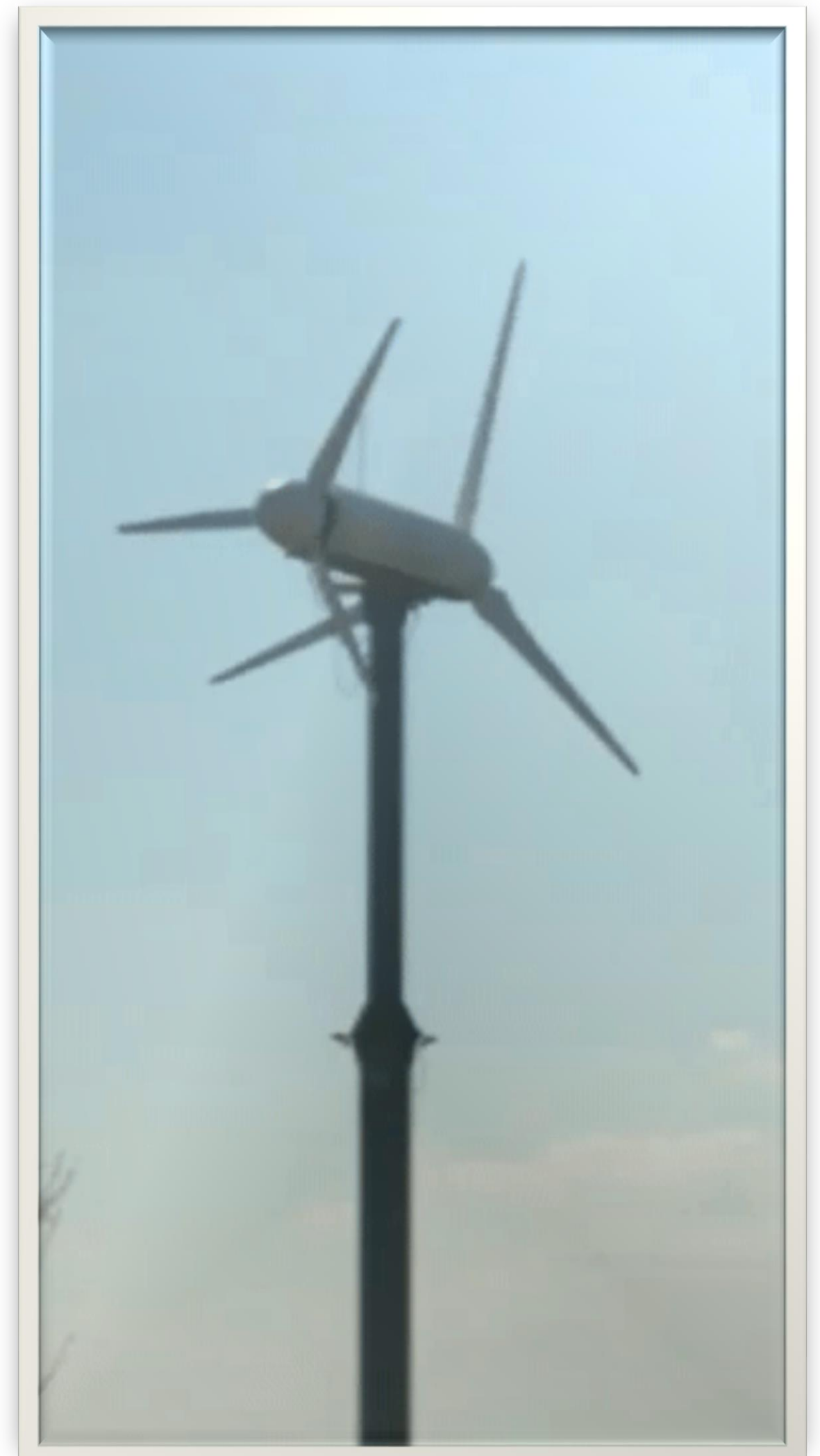
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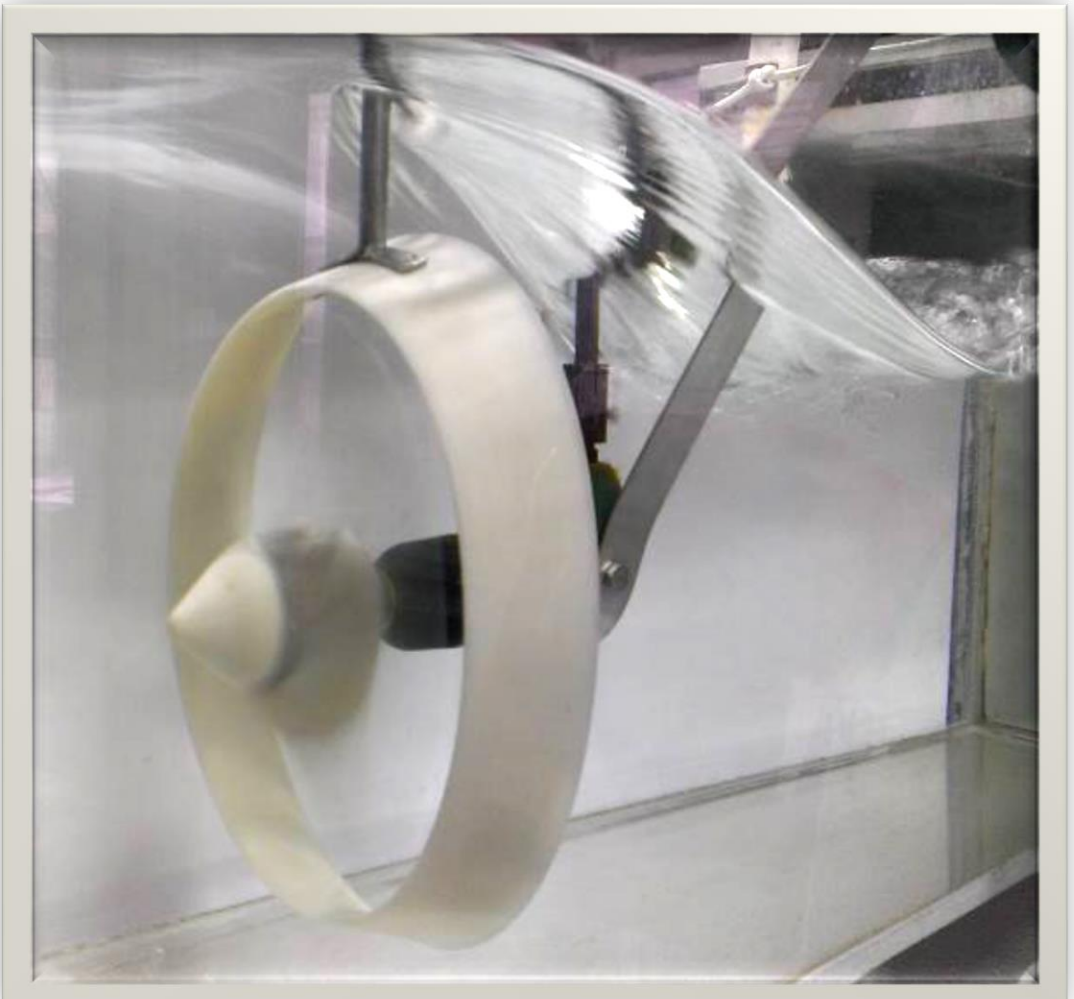
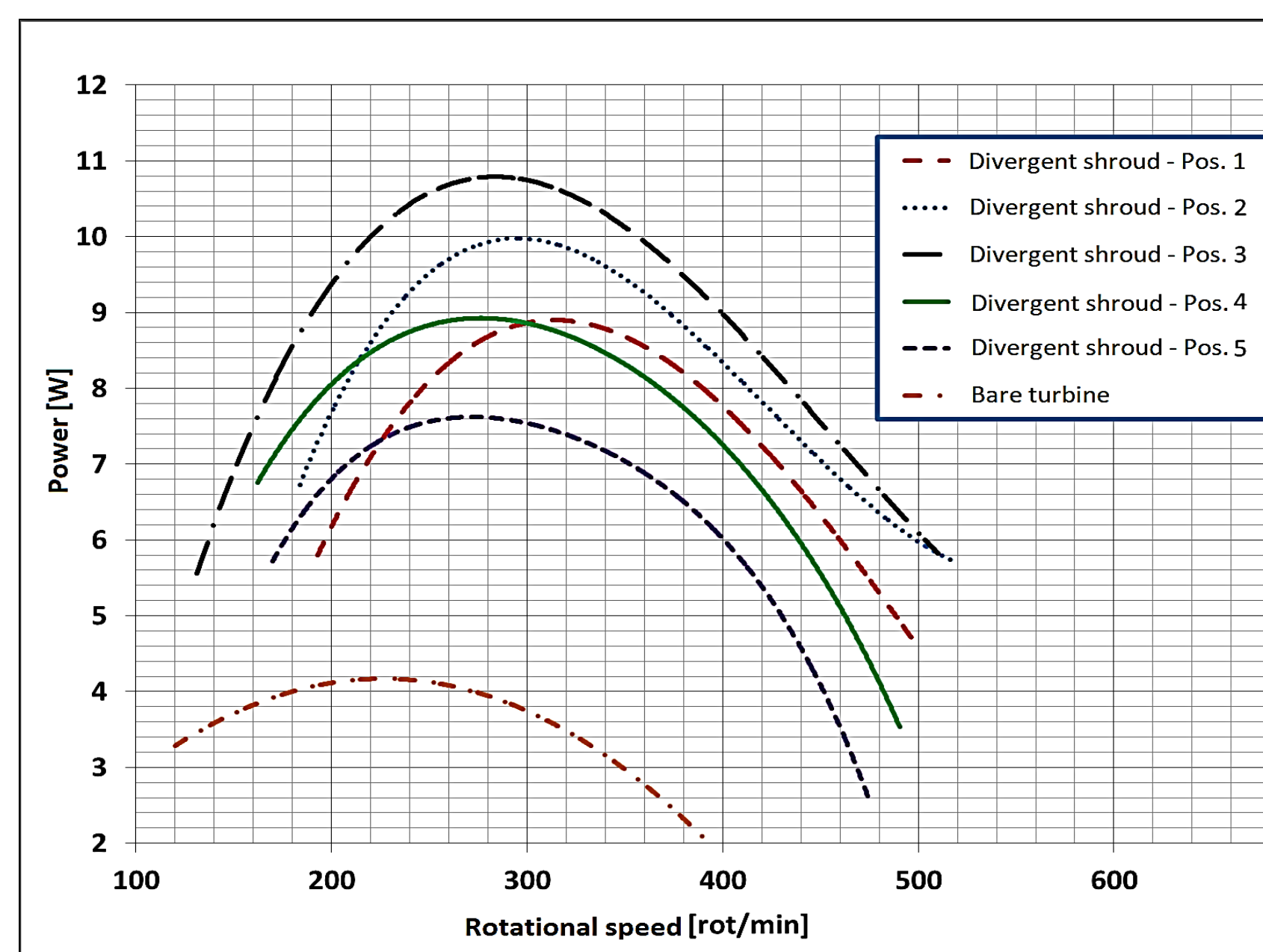
Renewable energy harnessing using innovative systems for a clean environment

General information. The department of Renewable Sources and Energy Efficiency (DSREE) promotes and carries out applied research concerning production, use of energy and efficiency of the conversion facilities for the benefit of private and public companies. The following research and development activities are addressed: use of renewable energy sources (wind energy conversion, hydraulic energy conversion, wave energy conversion, solar energy conversion) for electrical power generation. Holding an important scientific basis, ICPE-CA occupies a well-defined national position, being placed among the most active and efficient research units. Infrastructure direct public link: <https://erris.gov.ro/ICPE-CA-Renewable-Sources>

Unconventional wind turbines.
Prototype for a counter rotating turbine



Hydrokinetic turbines tested in water channel



Ecological water intakes – scale models

