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EXPRESSION OF INTEREST

Hereby, ELECTRICOM SA expresses its intention to collaborate with ICPE-CA Bucharest and UTCB for further development and preparation of technological transfer of the *Ducted counter-rotating wind turbine with passive flow control devices*, by itself or together with any other company interested in this field.

In this regard, a project proposal which addresses this topic, will be submitted by the above-mentioned organizations under Experimental Demonstrative Projects Call - PN-III-P2-2.1-PED-2021, in order to reach the technology readiness level 4 (TRL 4), experimental model validated in laboratory.

The project aims to combine the experience in complementary areas of research of two distinct R&D teams in order to create an improved potential product in the renewable energy sources conversion field. Thus, the project aims to complementary address the improvement of energy efficiency conversion of wind turbines by creating a common hybrid solution based on the use of counter-rotating wind rotors and of a multi-slots profiled diffuser that passively controls the flow. The first topic was previously studied by ICPE-CA, while the second topic was analyzed by UTCB.

ELECTRICOM SA has been active in the energy field in Romania for over 50 years. We have ensured our continuous presence and stable position on the market due to the professionalism and permanent active involvement of those who built the company and who now guide its evolution on the road to innovation, facing the new challenges of the field. With a long-term vision, ELECTRICOM has built and continues to build sustainably. The development aimed permanently to meet the requirements of all, creating and using state-of-the-art products and technologies.

ELECTRICOM SA
Director/Administrator,
BONCIU SORIN

