

The new Fundación Moeve Chair Awards have been granted at UCA for energy transition and biodiversity

- **Five students from the University of Cádiz have stood out and won the award**
- **The awards ceremony will take place at the end of January at the Algeciras School of Engineering**

The Fundación Moeve Chair at the University of Cadiz (UCA) has announced the winning students of its awards in the 2024 edition. They have been recognized for their outstanding end-of-studies projects in the energy transition and biodiversity categories, highlighting their relevance and applicability.

Fernando Cortés Córdoba's work has been awarded first place in the Biodiversity category by the Fundación Moeve Chair for *Designing a bioreactor for the production of polyhydroxyalcanoates (PHA) using mixed crops from acidogenic effluents of the invasive algae (Rugulopteryx okamurae)*, and Emma Gómez Fernández's work *the Study of hydrothermal liquefaction of an invasive species of marine macroalgae and basic sizing of a pilot plant to carry it out* has been awarded second place.

On the other hand, in the Energy Transition category, José Calderón Solís has been recognized for his capstone project, *Development of Innovative Thermochromic Materials Based on VO₂ Using Laser Technology*. The second prize has been awarded *ex aequo* to Emmanuel Benjamín Tavira Zambrano and Tomás González Narvaez for their *Continuous Hydrogen Production through Gasification in Supercritical Water of Phenol and its Application in Epoxy Resins Obtained from the Liquefaction of Aeronautical Waste of Composite Materials and Prototype of Photovoltaic Plant with Energy Storage Tower by Gravity* projects, respectively.

The awards ceremony will take place at the Algeciras School of Engineering (ETSIA) at the end of January 2025.

Since its foundation in 2005, the Chair's activity has focused on promoting and incentivizing aspects regarding education, research, technology

transfer and dissemination, currently focusing on social innovation and student development. The relationship between the University of Cadiz and Moeve dates back to the founding of the Algeciras University School of Technical Industrial Engineering. Since then, the two institutions have collaborated on numerous occasions, and have signed a wide range of specific agreements.

The Fundación Moeve chairs

The Fundación Moeve Chairs at the Universities of Cadiz, Huelva and La Laguna are continually strengthened thanks to the contributions and involvement of the company's professionals as well as the academic institutions committed to improving research, training, knowledge flow and innovation.

Fundación Moeve Chairs have helped thousands of students to approach the professional world and bring university professors closer to the reality of the energy sectors. Knowledge and experience exchange between Moeve professionals and university teachers and students has led to the professional enrichment of all of them. For all these reasons, Moeve stands out as a valuable partner to these universities.

Fundación Moeve is a non-profit, general interest organization whose goal is to carry out work aimed at serving the needs and priorities of the local communities where its founder, Moeve, conducts its activities. Fundación Moeve's scopes of action are people, biodiversity, and social innovation.

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