

Fundación Cepsa awards prizes to the best projects of its educational programs in Huelva

- **An electrolyzer that produces green hydrogen built by five students from the IES Rábida of Huelva wins the Energy Campus prize**
- **Students from the province have submitted more than 60 papers on the future of energy and hundreds of drawings about the Primera de Palos Lagoon**

Once again this year, Fundación Cepsa presented the "Energy Campus" and "World Wetlands Day" awards in Huelva. These educational programs, focused on the future of energy and environmental education, served in the 2022/2023 academic year to round out the education in these subjects of 2,962 primary and secondary school students in the province of Huelva.

With the Energy Campus program, Fundación Cepsa provides teachers and students from 36 secondary schools in Huelva with educational material to help them learn how the current energy system works and learn first-hand about the challenges posed by the ecological transition and decarbonization. One of the objectives of the Campus is for students to imagine what the future of society will be like, encouraging them to go beyond existing norms through their creativity. To this end, they are encouraged to participate in a competition with innovative and imaginative projects.

An energy self-sufficient cultural center in the heart of the port of Huelva, running shoes that charge a cell phone battery with their owner's strides, a wind turbine built with recycled materials, and a plant that produces hydrogen from solar panels. These are some of the more than 60 projects presented in this challenge proposed by Fundación Cepsa.

For Narciso Rojas, head of Fundación Cepsa in Huelva, "it is wonderful to see the creative potential of the young people in our province. We invite them to think beyond the boundaries of what is possible, and they have done so in a mature and very imaginative way. These types of actions teach us that innovation flourishes when the right conditions of motivation and safety are in place. They were not afraid to make mistakes and that helped them develop their imagination to the fullest."

The winners of first prize of the Energy Campus were Alejandra Fernandez, Luz Garrido, Rocío Maltrana, Valeria Rodríguez and Estefanía Suarez, students of the Instituto Rábida of the capital. The team of students built a mini solar-powered hydrogen electrolyzer. When the electrical circuit is closed, you can see the hydrogen and oxygen bubbles produced by the water molecule

breaking. It can be said that the first green hydrogen bubbles produced at the La Rábida Energy Park were the product of the work of five high school students from Huelva.

In addition, of the more than 300 drawings and photographs of the Primera de Palos de la Frontera Lagoon, a wetland recovered and maintained by Fundación Cepsa, the winner of the first prize was Ana Brito, from the Pedro Alonso Niño school in Moguer.

Fundación Cepsa keeps open the possibility that more institutes and schools in the province can participate in its educational programs, which are continually being renewed in their contents and are mainly aimed at raising environmental awareness and enhancing the imagination and creativity of the youth.

Fundación Cepsa is a general interest, nonprofit entity whose aim is to carry out initiatives that serve the needs and priorities of the local communities where its founder, Compañía Española de Petróleos S.A. (Cepsa), conducts its activities. The areas of action for Fundación Cepsa are social, environmental, and scientific-educational.

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