

"A challenge for science" receives the Educaweb Award for Academic and Professional Guidance in the category of projects presented by Companies

- The "A challenge for science" project encourages young people to pursue careers in science and technology by proposing innovative challenges in engineering.
 - The Companies category is endorsed by the Bertelsmann Foundation.

Madrid, December 2, 2022. The "[A challenge for science](#)" project was recognized in the 15th edition of the [Educaweb Awards](#) for Academic and Professional Guidance in the Companies category. The initiative, developed by the [Sener Foundation](#) in collaboration with [Sener](#), aims to promote science and technology careers among high school students by presenting and solving innovative challenges in engineering.

The jury determined that "A challenge for science" is suited to the target audience, achieves its goals and is a project that is expected to continue.

The [presentation ceremony](#) took place on December 1 at a virtual event attended by the Director of the Sener Foundation, Rosana Madroñal, who thanked Educaweb for the award. She also noted that *"we are proud to receive this award from Educaweb, an entity that specializes in academic and professional guidance, for A Challenge for Science. This is a project where, through real engineering challenges, we try to show students what an engineer's average workday is like and, in short, what their work could be like tomorrow if they decide to study engineering in college."*

During the award ceremony, the CEO of Educaweb, Josep Lluís Segú, stressed that these awards recognize *"those projects that are laying the foundations for the future and that really serve to meet the needs of the citizens of this society, which is facing new challenges."* And he added that *"the challenge of guidance is to make available to people, both young and old, the information and itineraries that will be used to train the professionals we are going to need."*

What is "A challenge for science"?

"A challenge for science" is a project of the Sener Foundation in collaboration with Sener that seeks to promote science and technical careers among young people. It involves presenting actual engineering challenges to high school students. The students then have to find solutions to the problems faced daily by an engineering company. The students' solutions are subsequently evaluated by SENER personnel and other external collaborators with expertise in these areas of engineering, and the best ones face off in a final between schools.

It is Sener employees who, through a voluntary program with the Sener Foundation, take the project to the school where their children study, or where they themselves studied, present the project and the challenges to the participants, and monitor the students throughout the entire process of designing the solution.

The innovation of the project lies in the types of problems or challenges presented to the students. These are real challenges, the same ones faced by professional engineers, but tailored to the intended audience. By presenting these challenges and developing their own solutions, we make students aware of the typical problems we face as a society and how they can be solved by applying engineering and technology.

Some of the challenges posed to the students involve implementing the circular economy, improving health through engineering, reducing the carbon footprint, alleviating the problem of space trash or issues related to smart cities. This way, the young participants are able to see first-hand how science, technology and engineering serve people in order to improve their quality of life.

This project is being done in collaboration with the [Spanish Foundation for Science and Technology](#) (FECYT), which is part of the Ministry of Innovation and Science.

Educaweb Awards 2022

The Educaweb Awards for Academic and Professional Guidance were launched in 2008 to mark the 10th anniversary of Educaweb. Their goal is to reward the best academic and professional orientation projects in order to highlight and showcase the work done, often anonymously, by guidance professionals.

In this year's edition, the following awards were presented:

- IMPLIKA-Educaweb Award for Professional Training for the Integrated Polytechnic Vocational Training Center of Cartagena, in Murcia, for its Orienta vocational project: Looking to the Future.
- The Dualiza-Educaweb Award in the Professional category, sponsored by CaixaBank Dualiza, went to The (in)visible engineer, by Núria Salán Ballesteros.
- The Educaweb Award in the Institutions category went to neoSKILLS VR, a virtual reality simulator for diagnosing and developing soft skills, developed by neoCK. The Human Revolution, an organization from Extremadura.
- The Guiding City Honorable Mention, which acknowledges and shines the spotlight on a city in the world that has a comprehensive and coordinated project for academic and professional orientation, went to for Bologna (Italy) for its Centro Risorse per l'Orientamento Maria Luisa Pombeni. Città Metropolitana de Bologna.
- The 10th Enric Renau i Permanyer Honorable Mention for applied social research in education, training and work went to the Barcelona Open Data Initiative.

[More information on the projects.](#)

About Educaweb

[Educaweb](#) is a portal specializing in academic and professional guidance that, since 1998, has provided users with information on the best educational path to follow to achieve their professional and life goals. Its portal, which has a search engine with more than 30,000 courses and 20,000 training centers, offers free content, tools and services.

Educaweb has managed to stand out as an essential tool in the search for training and information, with almost 27 million visits in 2021, 2 million more than in 2020, and about 900,000 registered users in the past year.

About the SENER Foundation

The [Sener Foundation](#) was created in May 2002 by the Sener Engineering Group and the Sendagorta family to promote humanitarian initiatives and activities. Over its years of activity, the Sener Foundation has been working in social services at the community level by developing social responsibility in professional activities, training people, and promoting research at the highest level.

The activities carried out by the Sener Foundation include encouraging scientific research at the highest level by presenting prizes, such as the [Award for Best Doctoral Thesis in Engineering](#), sponsoring the Air Force Award for university aerospace research, and supporting [R&D projects](#) in technology centers and universities. Similarly, the Sener Foundation promotes [corporate volunteering](#) among Sener staff and encourages young people to pursue careers in science.

About Sener

[Sener](#) is a private engineering and technology group founded in 1956, which seeks to offer its clients the most advanced technological solutions and which enjoys international recognition thanks to its independence and its commitment to innovation and quality. Sener has 2,350 professionals on five continents.

Sener combines the activities typical of Aerospace and Engineering and has ownership stakes in companies working in the power generation field. Sener Aerospace has more than 50 years of experience and is a top-tier Space, Defense and Science supplier. Sener Engineering has become a world leader in the areas of Infrastructure, Energy and Marine.

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