



ISLA RENOVBABLE

Project and Mobile Application about the importance of Renewable Energies in island territories



ISLA RENOVBABLE PROJECT

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 IslaRenovable

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Web page:



// THE PROJECT

With the project Isla Renovable, co-financed by the Spanish Foundation for Science and Technology - FECYT (Ministry of Economy and Competitiveness), ITER and AIET intend to spread the importance of renewable energies in island territories, due to the singularities associated with the isolated electric systems.

HOW?. Through the development of a multi-platform interactive game and of supplementary didactic materials, that can be used by teachers in order to show how an isolated electrical system works and the importance of its management.

Furthermore, promotion and training sessions will be held with groups of secondary students and with teachers of the island of Tenerife and the project Web page will collect a wide range of interesting resources related to renewable energies in islands.

// THE OBJECTIVES

1. To disseminate the importance that renewable energies have in island territories
2. To inform about the environmental and economic benefits of renewable energies
3. To make the electricity generating technologies based on renewable energies more comprehensible and to awake young people's scientific vocation
4. To explain the operation of the electrical system
5. To use innovative communication channels to disseminate scientific and technological contents to a non-specialized public
6. To make teaching tools available for educators, in order to facilitate their teaching work in renewable energy matters

// THE GAME



In the ISLAND 100% game, users start on a virtual island exclusively powered by conventional energy sources and its aim will be to achieve the highest penetration of renewable energies in the electric system, at reasonable costs, taking into account different factors (renewable resource, budget or the different sale options for the generated energy). It has three levels of difficulty, which correspond to islands of different population, energy consumption or renewable resources.

The game is available in English and in Spanish languages for its download as a mobile application for both Android and iOS devices, as well as to be played online from the project website.

DOWNLOAD IT

Android:



iOS:



PLAY IT

Online:

