



European Energy Network

The voluntary network of European Energy Agencies - at the heart of the clean energy transition

Name and Country of EⁿR Member

EWA - Malta



Name of Project/Programme & Link to website

Learning your way to a Greener future

<https://www.energywateragency.gov.mt/>

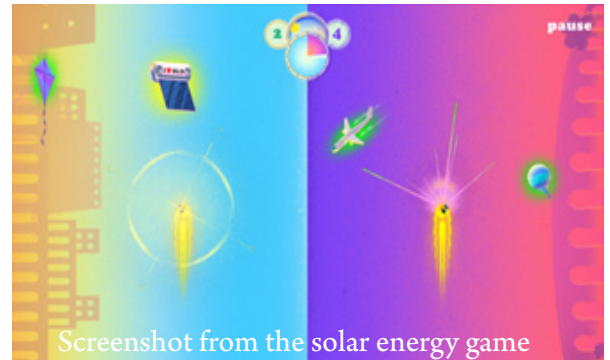
Description of Project

As part of EWA's commitment to educate citizens on energy and water conservation, the Agency has recently commissioned work to set up and install digital energy games targeting renewable energy and energy efficiency at its educational centre, Ghajn. The goal of the project is to provide children between the ages of seven (7) and twelve (12) with an interactive educational experience on renewable energy and energy efficiency.

Aim/Expected Impact of Project

EWA has commissioned two digital games; one on renewable energy and one on energy efficiency. The game on Renewable Energy is characterised by four (4) mascots and mini-games representing different types of renewable energy; Soakley the rain drop (representing hydro energy), Gusto the wind gust (representing wind energy), Beamster the sun beam (representing solar energy) and BeeGee the biogas (representing the biogas). Each with a different story, the characters aim to raise awareness on the different types of renewable energy sources.

The Energy and Efficiency game is characterised by two mini-games; one representing energy labelling and another one providing a simulation of daily behaviours around the house. The scope of the mini-games is to raise awareness among children about factors such as behaviour and appliance use that affect energy consumption in households. To win the games, players (i.e. children) must overcome the set challenges which demonstrate the importance of renewable energy and energy efficiency respectively.



Screenshot from the solar energy game



Screenshot from the biogas game

Whilst the games are designed to provide an interactive educational experience to children, the games also intend to demonstrate real-life scenarios and shall provide children with the basic knowledge to make energy conscious decisions.

Involvement of the Agency and Link to the EU Green Deal

- **Renovation Wave**
- **Smart Integration**

Project has been financed through EWA resources. EWA was also involved in the drafting of the project concept, in particular ensuring alignment to the national educational curriculum.