

**T3\_70 MULTIMEDIA APPLICATION FOR THE CONSERVATION OF ENERGY IN A WORKING ENVIRONMENT THROUGH THE USE OF A RENEWABLE ENERGY SOURCES (RES) HYBRID SYSTEM**

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The creation of a simple or an interactive multimedia (MM) system can improve the presentation of a project and, in the case of the conservation of energy, it can highlight the numerous possibilities of the RES and help non-expert users be acquainted with them. The use of text, graphics, images, animations, video, and sound provides a more impressive and more complete way of presentation. This paper focuses on the development and implementation of an MM application for the saving of energy in a working place through the use of photovoltaic elements, a wind generator and geothermal heat exchanger. In particular, the mentioned RES, the MM applications together with all the special features that safeguard their proper function are illustrated and included in the present application. The study reveals: - The importance of RES. - The appropriateness of the MM presentation for informing potential users. - The appropriateness of the MM application in physics classes related to RES resources and RES exploitation.