

Is IT Green: Article Nr. 1

ENERGY SAVING research of information technology in enterprise

Project partners:



Project Is IT Green is dealing with **reduction of the IT/IS energy usage footprint in organisations**, especially targeting those individuals who are responsible for IT & IS resources in European SMEs (i.e. IS/IT specialists or managerial staff). The aim is to teach individuals to take opportunities for **saving costly energy resources** within their businesses and help to improve their business' competitiveness.

An important part of our efforts is to develop 'Is IT Green' **serious game** which will incorporate e-learning materials into the game. E-learning material and the serious game will be translated in all partner languages (Bulgarian, Italian, Spanish, Turkish, Portuguese, Swedish and Slovenian).

Serious games are simulations of real-world events or processes designed for the purpose of solving a problem. Although serious games can be entertaining, their main purpose is to train or educate users. Serious games will sometimes deliberately sacrifice fun and entertainment in order to achieve a desired result from the player. The dynamic nature of virtual environments also causes "active participation by the player". Serious games can have other names, including immersive learning simulations, digital game-based learning, gaming simulations, etc. What sets serious games apart from the rest is the focus on specific and intentional learning outcomes to achieve serious, measurable, sustained changes in performance and behaviour.

The objective of our serious game is to educate and teach the player about the various issues associated with energy in a context which is true to life when starting a new business and there is always an opportunity to improve existing processes, to make them more environmentally friendly.

www.isitgreen.eu



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The serious game was made for the **Is IT Green** project: a partnership of European members seeking to provide free energy efficiency resources and training to IT professionals, SMEs in the IT sector and the general public, thereby enabling them to reduce energy waste and save money at the same time.

The **Is IT Green** game has been designed to facilitate first steps into Assessment/Audit of IT Facilities for Energy Consumption: to raise awareness of common energy inefficiencies, along with solutions, to understand the link between eco-friendly practices and monetary savings, acting as a bridge for the e-learning materials and website. The game is comprised of two levels, one based on a SME IT Office environment and another concerning data-centres. Each level is split up into three separate sections of gameplay. These sections represent the processes of AUDIT, TARGET and OPPORTUNITIES respectively.

Everyone - including the environment - wins!

21st century learning experiences need to reflect the lives of 21st century workers! While there is still scepticism that something called a game could be anything more than entertainment, we hope that we will get serious results with a serious game.

Please visit isitgreen.eu in order to learn more and check out our free resources on energy efficiency!

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