



أكاديمية اتصالات  
etisalat academy  
Skills | Solutions | Results

# GREEN BUILDINGS AND ENERGY EFFICIENCY FOR A SUSTAINABLE DEVELOPMENT



Bet on energetic buildings that save costs and improve the sustainability of the environment

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## OVERVIEW

The Kyoto Protocol, and the resulting **Directives** led to a turning point in the manner **energy efficiency management programs** are conducted in buildings.

This training program will focus on the analysis of the **Services Companies Buildings with a High Consume of Energy** (Malls, Hotels, Banks, Municipal, Technology and Governmental Buildings), the knowledge of the legal and regulatory framework to be aware, the development of measures related with savings and efficiency, the establishment of goals, and a proper maintenance strategy, taking the opportunity of an European Framework Benchmarking.

The focus will be on the **European Benchmark**, and particularly the viewpoint from Southern Spain's cutting edge knowledge in this field, and its resulting key learning points will be the objective of this training, in which participants will learn about key elements required to fulfilling sustainability goals, such as those contained in the Plan Abu Dhabi 2030.

## CONTENT:

- Module 1:** Energy classification in buildings, passive systems
- Module 2:** Efficient use of water in buildings, feasibility study of solar installations
- Module 3:** Promotion of efficient energy use, measures to optimize, certifications, energy audits and applicable solutions
- Module 4:** The business of energy services, legal aspects
- Module 5:** Practical examples and real cases

## METHODOLOGY OF TRAINING:

We believe that in the methodology of training is where we will be able to differentiate us further from other proposals, as we put forward an internationally recognized first-world approach:

### Guest speaker roundtable:

Prominent, successful professionals in energy efficiency will participate as guest speakers to discuss trending topics.

### Plant visit:

Students will experience first-hand the management of energy efficiency through direct contact with a manager from a cutting-edge organization, including a site visit.

### Class discussions:

Students will be asked to voice their thoughts and pro-actively participate in the training to keep them engaged, and to clarify their doubts.

### Practical applicability:

Trainers will be encouraged to ask students proactively for how they will use the material once back at their organizations, so as to target specifically relevant learning points for their daily task (e.g. performing a master plan for sustainable development).

### Innovation:

This training program focuses on its uniqueness and is fully oriented to provide the trainee with tools and examples that will help them enhance their own skills in handling sustainability.

FACILITIES, MATERIALS AND ADDITIONAL ACTIVITIES



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## METHODOLOGY OF TRAINING:

Additionally, we can offer **value-added services** that are **optional**, but that have yielded positive results with other customers in similar situations:

- **Personalized memory stick** containing slides, data and graphics used during the training
- **Coaching** sessions
- Additional site visit to Abengoa, one of the premier engineering firms, and a world leader in renewable energy, at its global headquarters in its Technological Campus Palmas Altas



## EXPERIENCE OF THE TRAINER:

Prof. Dr. Servando Álvarez Domínguez, head of Energy Engineering Dept., University of Seville (main trainer)  
In addition, the training will feature four guest speakers from leading solar energy and energy efficient businesses, think tanks and the Public Administration Topics will include examples of Public Administration programs, key trends and successful business models in energy efficiency

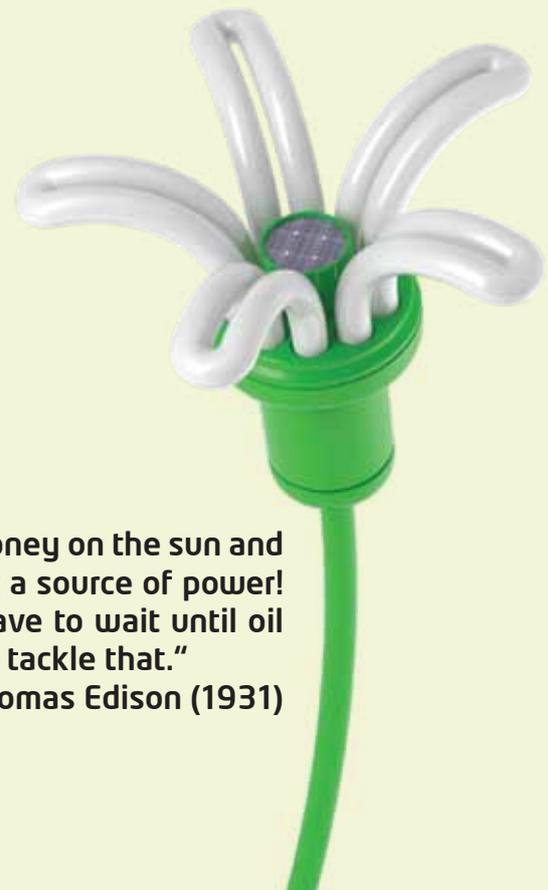


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## ACTIVITY PROPOSED:

Facilities tour (Andalusian Agency for Energy), one of the most advanced buildings in Europe, which produces 75% of the energy it needs to operate—guided by one of the responsible design engineers



**"I would put my money on the sun and solar energy. What a source of power! I hope we don't have to wait until oil runs out before we tackle that."**

**Thomas Edison (1931)**