

# Efficient Driving Courses

2011

 **University**  
University of Valladolid  
**Country**  
Spain

**Location**   
Urban

**Size**   
20,000-30,000

**Mobility Organizational Structure**   
*Office for Environmental, Quality and Sustainability*

## Summary

Various practical and free efficient driving courses in collaboration with the Regional Energy Authority, for the whole university community, including lecturers, investigative, services and administration staff and students.

## Aims

The efficient driving courses were designed to reduce the energy consumption associated with the use of private vehicles. It was also aimed at improving comfort, increasing safety, reducing maintenance costs and CO2 emissions into the atmosphere.

## Stakeholders

EREN (Local energy authority).

## Background

Not available.



### Description

The application of a few simple techniques results in up to 15% fuel savings. In general terms, a driver who covers 15,000 kilometres a year can save about 200 Euros. Efficient driving improves comfort and increases safety as it is based on anticipative and foresighted driving that reduces fuel consumption, maintenance costs and CO2 emissions into the atmosphere.

For the courses, a contract was signed with driving schools specialised in efficient driving to provide teachers and vehicles. The management of human resources was carried out by the staff of the Office for Environmental Quality.

Each course was simultaneously presented to a maximum of 3 students by a specialised instructor and was structured as follows:

1. Presentation of the course. (Approximate duration of 5-10 minutes)
2. First drive around the circuit using their own style. Each student drove around an established circuit for approximately 20

minutes and recorded the speed and fuel consumption parameters.

3. Theory class explaining the basic concepts of efficient driving. Approximate duration 90 minutes.
4. Demonstration drive around the course: The instructor follows the same route, explaining the concept, so that the students have hands-on experience. Approximate duration 20 minutes.
5. Second drive around the efficient driving circuit: Each student repeats the same initial circuit after receiving the training. The same parameters are recorded compared to the initial ones. Duration of the circuit for each student: 20 minutes.
6. Analysis of results and conclusions (15 to 40 minutes). The data (individual and overall) is entered a computer and the results briefly analysed.



### Indicators

- Number of courses provided.
- Degree of satisfaction.

 Results

Wide acceptance, with the offer being completely covered. This course was made available to 120 people on the Valladolid campus and 20 people on the Palencia campus. It has been presented over several consecutive years.

 Expense

10.000 €.

 Financing

EREN and University of Valladolid.

 Findings

Not available.

 Pictures



Fig.1. Poster used to promote the driving courses.

 Links

<http://www.uva.es/export/sites/uva/7.comunidaduniversitaria/7.09.oficinacalidadambiental/index.html>

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