



# BEST PRACTICE EXAMPLES

## Eco Driving – Car Efficient Driving Course in the Basque Country

**Overview:** The purpose of the “Car Efficient Driving Course” is to save energy by reducing fuel consumption and as a result green house gas emissions, fuel expenses, car accidents etc. The course duration is about 4 hours containing theoretical and practical sections. Currently, more than 6000 people attended the course. For more information on this project, contact [oajuria@eve.es](mailto:oajuria@eve.es).

Target Audience				Actions			
	Children		Transport companies	X	Clean and Energy Efficient Vehicles		Traffic Management
X	Teenagers		Car sales people		Cycling		Car Pooling
	Students		Private companies		Transport Demand Management		Transport for People with reduced mobility
X	Adults		Other		Flexible mobility services	X	Eco Driving
X	Old Age Pensioners				Travel Awareness Event(s)		Walking
	Decision makers				Mobility management		Other
	Local and regional authorities				Public Passenger Transport		

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## Background & Objectives

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Ente Vasco de la Energía (EVE) is responsible for planning, coordinating and controlling activities and actions in the energy field of public sector in the Basque Country.

At present, EVE defines and implements its activities to pursue the achievement of the objectives set out in the paper 3E-2010 (Energy Strategy of Euskadi 2010) approved by the Basque Government in December 2004. These objectives include the development of renewable energy sources and improving energy efficiency in the Basque Country, consistent with the objectives of the European Union.

The mobility generated by residents in the Basque Country raises up to 5,464,160 journeys as average in a working day. The mode of transport mostly used for these routes is the private car, 58% vs. 38% for public transport. Private cars contribution to green house gas emissions is very high.

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## Implementation

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The courses consist of theoretical and practical 4 hours lessons divided as follow:

1. Practice Class

The students circulate through the established route and fuel consumption and average speed are measured.

2. Theoretical Class

Keys for an efficient way of driving are explained, as reflected in the manual that is delivered to each one.

3. Practice Class

Students circulate again on the same route by applying the gained knowledge in efficient driving and fuel consumption and average speed are measured.

4. Final Conclusions

Comparison of results and quantification of saved fuel and euros is done, as well as CO<sub>2</sub> emissions avoided.

5. Sending of Corresponding Diploma

The application of these simple techniques of driving enables one to save energy by reducing fuel consumption of the vehicle. It will improve both safety and air quality, as they are reduced, among others, the pollutant emissions of CO<sub>2</sub>.

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## Conclusion

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In global, more than 6 thousand people have attended the courses till now. Courses are given to the general public and also to future trainers, so in this way, the capacity to spread the knowledge is multiplied. The idea to collaborate with driving schools in the way of training future trainers has been of great importance too. General public's course duration is 4 hours and future trainer's, 5 hours.

The average results are shown in the next chart below.

<b>AVERAGE VALUES FOR THE TOTAL OF COURSES</b>	
<b>INCREASE IN SPEED (%)</b>	<b>-1,77</b>
<b>REDUCTION IN CONSUMPTION (%)</b>	<b>13,84</b>
<b>GENERAL SATISFACTION (0-10)</b>	<b>9,43</b>
<b>SATISFACTION FOR THEORY SECTION (0-10)</b>	<b>9,20</b>
<b>AGREE TO EXTEND PRACTICAL TIME (%)</b>	<b>66,94</b>
<b>TRAINER QUALITY (0-10)</b>	<b>9,46</b>
<b>REALISM OF THE TECHNICS (0-10)</b>	<b>8,71</b>
<b>RECOMENDS COURSE (%)</b>	<b>98,44</b>



**Pegatina para colocación en el vehículo**