

Eco-driving Courses for drivers of the EMT, Madrid, Spain

Topic Transport and Environment

Summary

1000 bus drivers of the EMT (Transport Municipal Company) are going to receive a course of eco-driving to diminish around 15 % the use of fuel.

Case Study

Introduction

Thanks to the eco-driving courses financed by the Madrid Regional Government with 224.000 Euros, the drivers of the EMT (Transport Municipal Company) will put into practice a new and more sustainable way of driving. They will thus contribute to decrease the emissions of pollutant gases and to improve the air quality in the region.

Basic facts

The training courses, of 8 hours, have both practical and theoretical parts, and are given in buses which can measure the level of fuel consumption. At the end of the course, each driver receives a "Guide of efficient driving" made by the Institute for the Energy Diversification and Saving (IDAE).

Other advantages of these courses are that they contribute to the reduction of noise generated by buses; they increase the comfort and security of the passengers, and reduce the costs of maintenance of the vehicles.

Users and stakeholders

1000 bus drivers of the EMT (Transport Municipal Company) are going to receive a course of eco-driving in 2007.

Implementation set-up

This initiative is part of the 106 measures of the Blue Plan or the Air Quality and Climate Change Strategy (2006-2012) to reduce progressively the CO₂ emission to achieve 4,5 million tons in 2012. The Blue Plan foresees to start in 2007 5.000 courses of ecological driving for private cars and industrial vehicles, and 25.000 more until 2012, which will expect a total saving of 62.000 tons of CO₂.

Future prospects and conclusions

If all the EMT drivers applied what they learn, the company would save 10 % in fuel per year. This results in saving 2,7 million Euros and 5.326.463 of liters of oil.

Every saved liter means 2,6 kilograms less carbon dioxide emitted. In one year the EMT might avoid approximately 14 tons of CO₂.

<http://www.osmose-os.org/>

Web links

<http://www.emtmadrid.es/news/news.html?id=661>

http://www.elpais.com/articulo/madrid/EMT/cambio/climatico/elpepuespmad/20070611elpmad_5/Tes

Author contact details

Irene Vergara, POLIS
polis2@polis-online.org

City or region

Madrid

Country

Spain

Submission date

29-8-2007