

# **2008 TAIWAN INTERNATIONAL SCIENCE FAIR**

**CATEGORY : Engineering**

**PROJECT : Shoulder Of The Road**

**AWARDS : Engineering Third Award**

**SCHOOL : Emirates Science Club**

**FINALISTS : Mohamed Ahmed Abdulla Kodarzi**

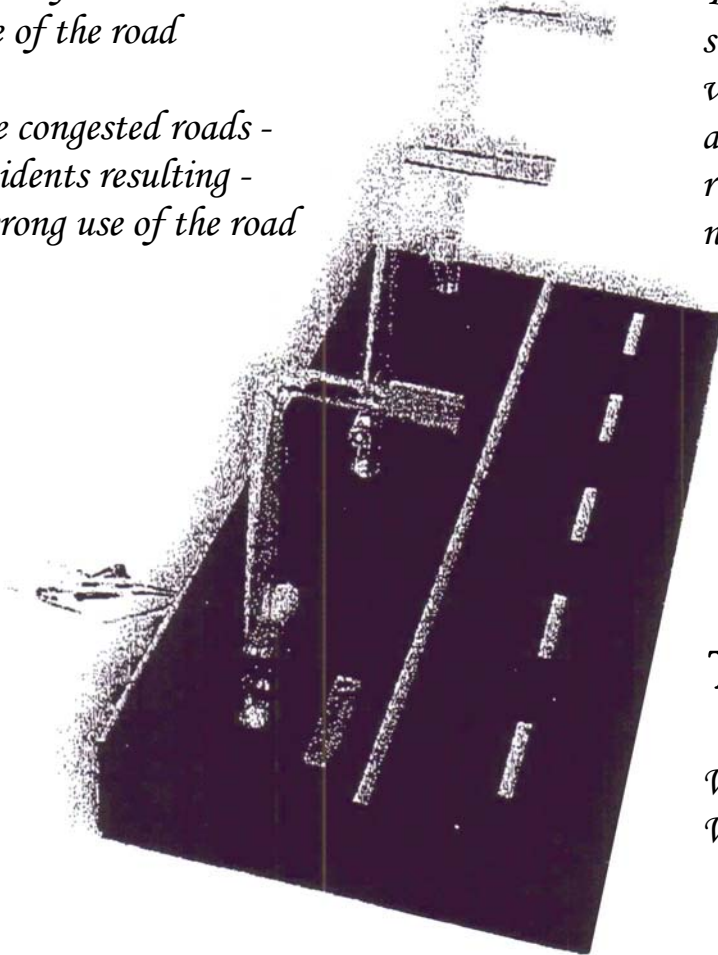
**COUNTRY : Albania**

# Shoulder Of The Road

## Aims of the project

*Prevent youth from the -  
reckless use of the road  
.shoulder*

*.Reduce the congested roads -  
Reduce accidents resulting -  
from the wrong use of the road  
.shoulder*



## Idea of the Project

*The control system based road  
shoulder constantly and actors  
vis notice of the existence of  
any prejudice to the safety of  
road users to take the  
necessary action against them*

## The beneficiaries of the system

*With health-Bouts  
With emergency situations*

## The way the system works

*When any vehicle parked on the road shoulder remote sensors sensing the vehicle body and the issuance of the initial reference point against the vehicle on the shoulder of a road..And after a period of time known by the concerned and at the same time the system to identify the site and send information to the authority concerned in turn, take the necessary*

## 評語

- 1) 本作品以作者之本國高速公路路況及該國青少年習於將小客車放置高速公路路肩，以致常造成嚴重車禍等問題。
- 2) 本作品使用光感測器並配合燈光操作序列(sequence)預先警告走路肩之車輛前有停滯之車輛，以避免車禍之產生。且路面上貼感測線條以調控車行量，也是不錯的想法。