



Actions of the Hellenic Institute of Transport on Road Safety

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Brief profile of HIT

- The Hellenic Institute of Transport was established in March 2000 as part of the Centre for Research and Technology Hellas (CERTH) under the auspices of the General Secretariat for Research and Technology.
- HIT conducts basic and applied research, provides support to policy and decision making, offers specialized training and education in the field of transport.





Research activities of HIT on Road Safety

Traffic safety related research activities include:

- Vehicle safety technology (mainly active safety).
- Human behaviour studies, by means of real-life and simulator tests.
- Traffic enforcement.
- Training and education on road and transport safety.
- Training and education on work zone safety
- Specialized data collection and analysis
- Development of national road safety indicators.





Recent Outreach

Road Safety Event- Athens, 21-
22 February, 2011

Organized by the *Hellenic
Institute of Transport* –
HIT

and

the Forum of the *European
Road Safety Research
Institutes* - FERSI



Participation of HIT in EU road safety related projects (indicatively)

SENSATION

ASK-IT

BOB Campaign

IN-SAFETY

PEPPER

GOODROUTE

WATCH-OVER

DRUID

TRACE

ShLOW

TELEFOT

APROSYS

PREVENT

SAFERIDER

2-BE-SAFE

SAFEWAY2SCHOOL

DaCoTA

PROLOGUE

Contribution of HIT to traffic safety

- Conduct of innovative research on active and passive safety topics.
- Extensive publication of research findings in international journals and conferences regarding traffic safety (more than 45 references since 2005).
- Develop a e-learning tool on work zone safety specifications
- Organize seminars for engineers on work zone safety issues.
- Contribution to teaching Traffic Safety at universities.
- Extensive public awareness campaigns in Greece (e.g. BOB campaign), visits to schools and public events to discuss road safety issues using the mobile simulator.
- Organisation and implementation of national media campaigns.



Traffic safety research equipment (1/6)



**Static and Dynamic
Simulator**

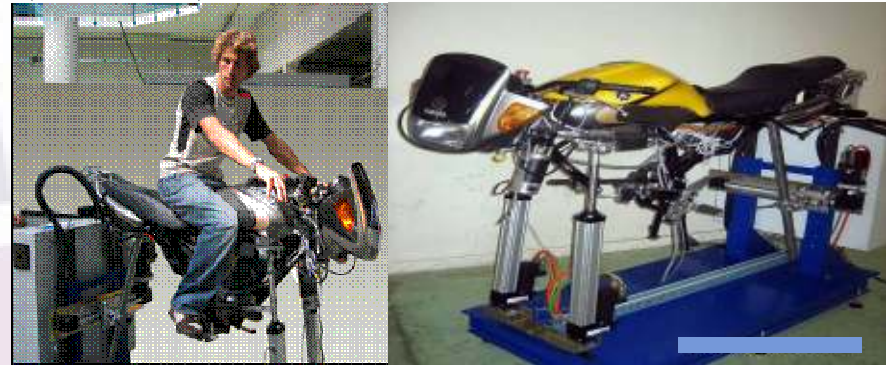


Test vehicle



VR unit

Traffic safety research equipment (2/6)



Dynamic PTW Simulator



2nd Test vehicle



PTW Test vehicle

Traffic safety research equipment (3/6)



**Demonstration Van
Road Safety Campaigns**

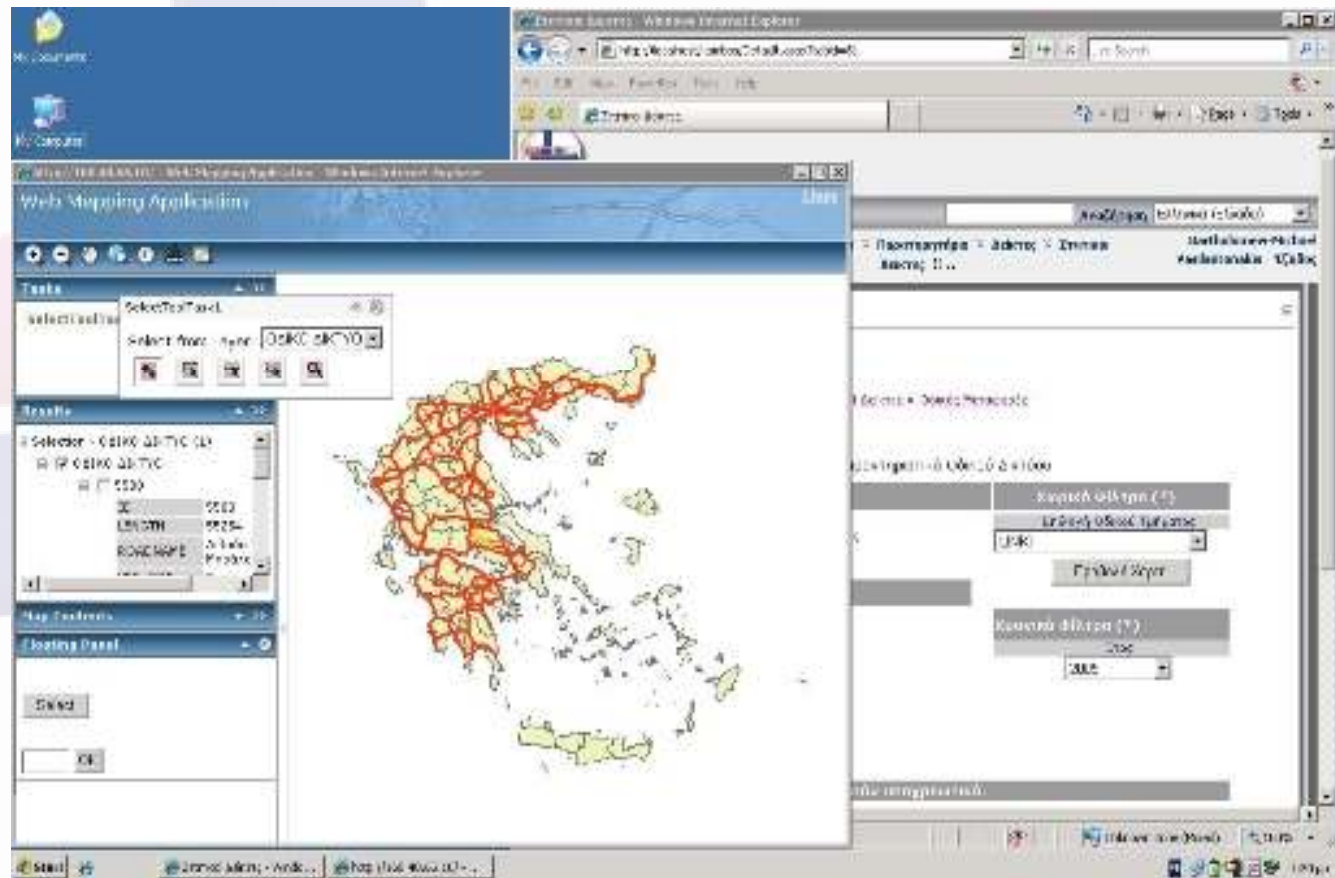


Traffic safety research equipment (4/6)



**Environmental and traffic
management mobile lab**

Traffic safety research equipment (5/6)



**H.I.T. Portal: Data
Management and Process**

Traffic safety research equipment (6/6)



Work Zone Safety e-learning tool



PREVENT



“DEVELOP A TRAINING PROGRAMME TO IMPROVE WORK ZONE SAFETY”

Objective: provide appropriate training to the main actors involved in work zone accidents: the workers and the drivers

Ultimate goal: to increase safety around road work zones and reduce the number of work zone related accidents.

Activities:

- Develop high quality, relevant learning material used in work zone worker training and driver education
- Use innovative training material and mechanisms, ICT tools and enhance current curricula
- Make training easily accessible and more attractive to potential users.



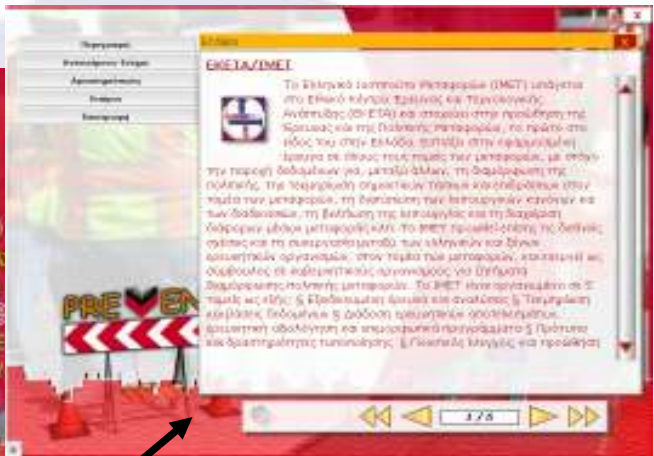
PREVENT outputs

- Handbook for Training of workers and drivers instructors
- Multimedia training tool with interactive and self-test functions
- An educational and promotional video

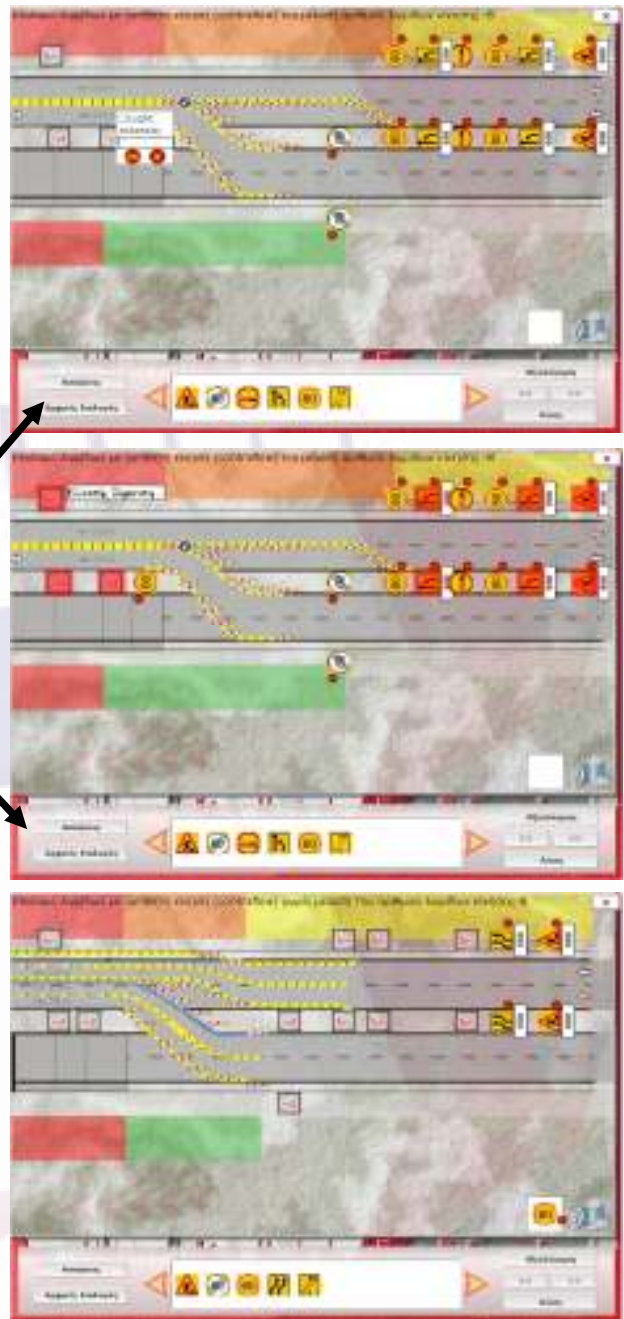




Theoretical background



Self Assessment Tests





PREVENT in practice...

Co-financed by the Greek Ministry of Environment and public Works: training course to the Ministry, engineering staff

National Center of Public Administration and Local Government (N.C.P.A.), Institute of Training: Participation to the educational seminars, concentrated on the “Traffic Control in the Urban Regions”.

Public Authorities: training of Municipal Police Officers and Traffic Policemen.

Seminars carried out: “Road Safety in Road Work Zones: The Educational Material PREVENT” to Thessaloniki, Athens, Patra, Larissa, Kozani.

Scientific conference presentations:

- 2nd International Congress in Transportation research, Athens 2004
- 3rd Congress of Road Safety in Greece in October 2005





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