



Bruxelles, 17th December 2010

Dipartimento III – Governo del Territorio
Area Protezione Civile e Assetto Idrogeologico



Provincia di Ancona

G.O.E.S. Project

Good on Emergency Situation

070401/2010/579105/SUB/C4

Introducing the Project



G.O.E.S. – Good on Emergency Situation

Basic information

Starting date: 01/10/2010

Ending date: 30/09/2012

Duration: 24 months

Total budget: € 525.000,00

EC financial contribution: € 393.750,00 (75% of the total eligible cost)



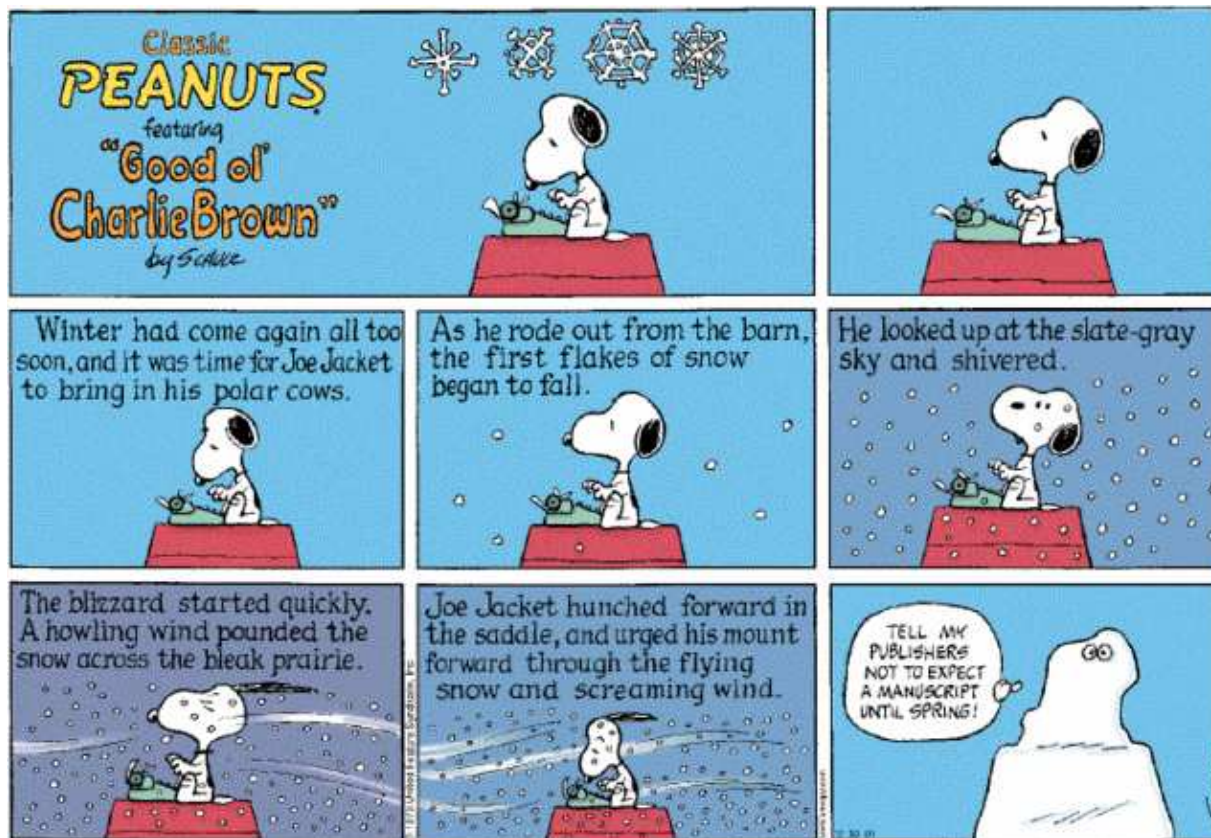
G.O.E.S - Good On Emergency Situation Coordinating Beneficiary and Associated Beneficiaries

	Provincia di Ancona	Coord. Benef. € 160.000,00
	Regione Marche - Security and Civil Protection Integrated Policies - SCPD Department	Ass. Benef. AB1 € 59.000,00
	Fundación Comunidad Valenciana - Región Europea	AB2 € 70.000,00
	Policía Local de Valencia	AB3 € 83.000,00
	Institute of Information Technologies Bulgarian Academy of Sciences	AB4 € 80.000,00
	Sofia Municipality	AB5 € 73.000,00



GOES – Good on Emergency Situation – Basic information

How is information in emergency situation?



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Big road means a lot of news

Minor roads have little information available but...

They are often the only way to go to work, school or medical centres

Slow traffic, traffic blocks could become a problem of civil protection

Heavy rain or snow, landslides could happen at any time and with short frequency



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- **What is the reason of this lack of information?**
- **How do we transmit news?**
- **Should we use new technology?**
- **How is the flow of news transferred from road operators to drivers or companies of public transport currently?**



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Project goals:

- To understand all the weak points in the present flow of information
- To improve number, quality and fastness of information from road operators to final destination after validation by the civil protection
- To create a network that collects daily all relevant information on road conditions related to any criticism and suggestions on alternative routes



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How to achieve these objectives?

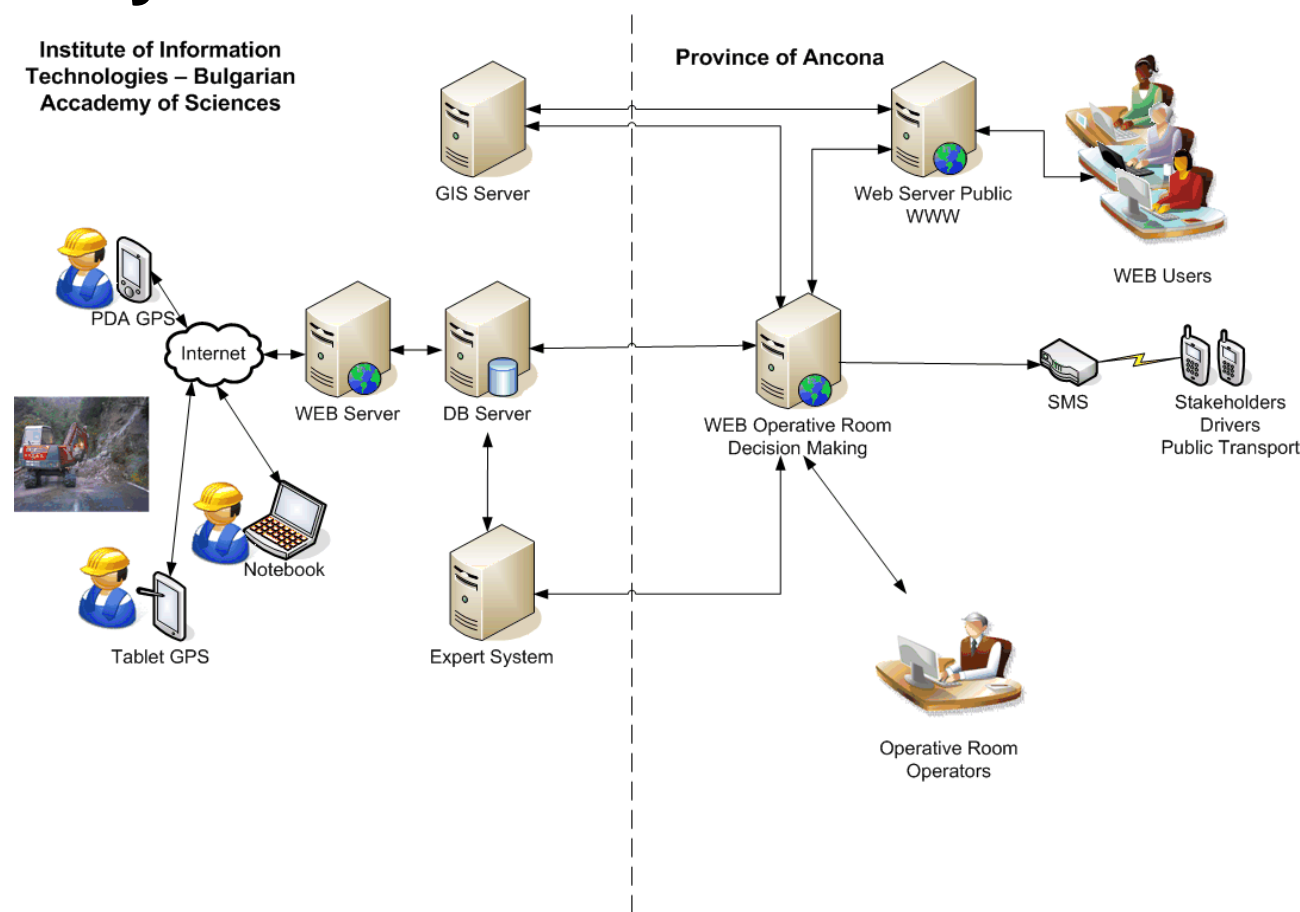
- Survey of the event by road operators using computer technology like “rugged computing devices” (e.g., palmtop, tablet and handled computers) to exchange information from the central operational rooms to the operators and vice versa
- Analysis of received information by an expert system and validation; transmission of the relevant information to the operative rooms of the civil protection and to drivers and companies of public transport and stakeholders.
- Storage of relevant events geo-referenced in a database connected to a digital mapping system.
- Development of statistics about the phenomena and their particular recurrences or about possible infrastructural vulnerability



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The system architecture

After creating the system architecture and training operators the data will flow automatically from road operators to operative rooms and stakeholders.





G.O.E.S. – Good on Emergency Situation Roles and responsibilities

Provincia di Ancona	Project coordination, collaboration to the software development, organization of a training course, logistic organization of the final meeting, publication of the results of the project.
Regione Marche - Security and Civil Protection	Collaboration to the software development, implementation of the regional civil protection website.
PLV – Policía Local de Valencia	Logistic organization of the kick-off meeting, system experimentation, training activity and system testing.
Fundación Comunidad Valenciana- Región Europea	Report editing, communication.
Institute of Information Technologies - Bulgarian Academy of Sciences	Designer of a standardized system for collecting sorting and transmitting information and correction of any critical aspect.
Sofia Municipality	Logistic organization, testing of the new system.



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Where will the system be tested?

Italy: the system will be tested throughout the Marche Region or in the area of the five provinces included in its territory, for a total of 9.694 km² and 1.470.581 inhabitants.

Spain: the system will be tested in the Municipality of Valencia (Area 232 km² and 800.000 inhabitants).

Bulgaria: the system will be tested in the Municipality of Sofia (Area 1.311 km² and 1.241.878 inhabitants).



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Project actions

- A** – Management and reporting to the Commission
- B** – Communication and international meetings (public events, etc.)
- C** – Preliminary study phase of the different ways of organizing services, traffic and information management
- D** - Design of a standardized system among the partners for the receipt, sorting, transmission of information on disasters relevant for navigable roads
- E** – Training of road works and civil protection
- F** – Experiments on systems designed and detection of any criticality
- G** – Making arrangements through start-up and ongoing use of the system



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Expected results

1. Optimizing systems for collecting and transmitting information concerning the civil protection (particularly on natural disasters that have a negative impact on the feasibility of the roads)
2. Faster response times to the emergency protection system
3. Dissemination of information to the stakeholders and the public
4. Creating a database of the natural disasters which impact on the feasibility of the road
5. Staff trained
6. Public events and partnership meetings aimed to the dissemination of project objectives and results



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First steps

10 Dec. 2010 – Subscription of the Grant Agreement

Jan/Feb2011 – Organization of the G.O.E.S. kick-off meeting in Valencia

January 2011 – Preliminary study phase of the different ways of organizing services, traffic and information management. Start of the data collection action.



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To continue....

Once the system connection has been created it will be used to convey other information coming from the whole territory, not only from the roads.

Staff will be continuously trained.

Identification of a senior person who is able to continue operations even if there is staff turnover.

The Province annual budget will incorporate sufficient financial resources for the maintenance of technological systems (web, software, device, server, etc.).



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Info on the project:

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Thank you for your attention!