MELOGIC

An integrated methodological framework for emergency logistics

NEWSLETTER #1 **JANUARY 2016**

General Information about the project

Recent natural disasters in Europe (e.g. earthquake in Kefallinia Island in Greece, severe and extended floods in Italy, France, Great Britain, and Germany) stressed the importance of the design and operation of efficient and effective relief distribution networks, and revealed the limitations in preparedness policy, in terms of disaster logistics operations, at local and regional level.

Objectives

⇒ Categorization of main emergency logistic problems from civil protection authorities point of view
⇒ Creation of an e-library (data repository) of best practices and lessons learnt in emergency logistics
⇒ Modelling of emergency logistics problems and development of efficient methods to solve them
⇒ Design and development of a toolbox that will improve preparedness levels against natural emergencies
⇒ Theoretical and practical training of users and decision makers
⇒ Communication Plan and activities for diffusing emergency logistics importance to stakeholders

"MELOGIC Project aims at ***addressing emergency logistics problems in order to provide an integrated, easily applicable methodological framework for optimizing logistics preparedness operations****"*

Introduction and detailed discussion of the Project

Kick—Off Meeting

- Took place in Nicosia (CY) at the premises of the European University Cyprus, that is the Co-ordinator of the Project
- 17th—18th of February 2015
- Initial Decisions have been made & Project officially started

Discussing Training Methods during the Kick-Off Meeting

Actions—means involved

Level 1: Identification and categorization of logistics problems (location-allocation models, resource allocation, evacuation models, and inventory control) in the preparedness phase,

Level 2: Identification, mapping, and exploration of various pre-disaster realistic applicable scenarios/strategies and creation of a library in the form of "living document" to be used by civil protection authorities in planning, training and management phases.

Level 3: Development of algorithmic tools to address the aforementioned logistics problems and implementation of toolbox to support pre-disaster preparedness operations, and training activities.

Level 4: Provision of theoretical training in emergency logistics operation to all key players.

Level 5: Practical training via the toolbox (by using certain what-if scenarios in selected areas) for demonstrating/challenging the effectiveness of the proposed intervention/strategies and a small scale

Involvement of five partners from five European Countries

- European University Cyprus, as the co-ordinator (Cyprus)
- University of the Aegean (Greece)
- Hanken School of Economics (Finland)
- Red Cross Italy (Italy)
- NGO—Caritas (Spain)

Dissemination Actions involve publications in Local, National & European Mass Media.

Please vist our www.melogicproject.eu website which is constantly renewed with news about our project and emergency logistics in general.

Examples of our Posters and Leaflets for the Dissemination Purposes

Training Events to take place

* ***Scenario 1 - Evacuation from a small village to a larger village and supply of provisions to evacuees***
* ***Scenario 2 - Evacuation from three small villages to a town and supply of provisions to evacuees***
* ***Scenario 3 - Item supply to intervention groups***

Expected Outcomes

Creation of an integrated plan guide in terms of relief logistics operations for disaster management and guides for each partner's area of intervention for selected cases.

Provision of significant support to local and regional authorities for tackling operational problems that arise during the preparedness phase (via the establishment of best-practices library).

Better management of human resources (professionals, volunteers, national and international teams) and material/equipment in emergency situations.

A practical toolbox that will support decision making in planning/ preparedness procedures of the local/regional authorities.

Pilot/demo actions that will further enhance the experience of local/regional authorities in handling preparedness activities of natural disasters

Contact Us

Should you require further information on the MELOGIC Project, please contact us in the address below:

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