



NAFTES Vision

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NAFTES in a nutshell

- **Project Name:** Naval Fire Fighting Training & Education System
- **Project Acronym:** NAFTES
- **Programme:** Erasmus+
- **Key Action:** Cooperation for innovation and the exchange of good practices
- **Action Type:** Strategic Partnerships for vocational education and training
- **EC Contribution in Euros:** 245,358
- **Start Date:** 03.10.2016
- **End Date:** 02.10.2018
- **Duration:** 24 months

More info...

- **Naval Fire Fighting and Education System**
- **Description:** Holistic training for firefighters in naval environments
- **Target groups:** Professional firefighters, first responders, advisers working in crisis management sector, teachers and trainers from vocational education providers.
- **Partners**
 - GUnet (Coordinator) – GR
 - HMoD – GR
 - Danaos Shipping – CY
 - IES Solutions – IT
- **Website:** www.naftes.eu

Key concept

- Complement (& not replace) existing training operations with cutting edge tools and methodologies to enhance quality of training in terms of:
 - Quality of experience for both trainees and teachers
 - Quality of training material (rich media content)
 - Accessibility of content (remote training)
 - Reduced training period
 - User-friendly content preparation tools

Partners roles

- **GUnet**

- Coordinator, e-learning platform and online courses, augmented reality software and equipment

- **HMoD**

- User needs, content creation, fire fighting simulator, organisation of workshop, assessment

- **Danaos**

- operational needs, content creation, organisation of workshop, assessment

- **IES Solutions**

- Content creation & translation, software development

Main Objectives

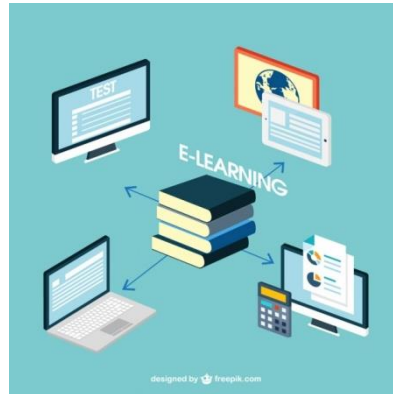
- To enhance existing Vocational education & Training methodologies in naval fire fighting operations
- To apply, test and validate a novel training approach combining classroom and on-site training
- To demonstrate NAFTES approach in real-world scenarios
- To assess, in selected operational environments, how the full NAFTES system configuration fulfills user needs
- To organise training workshops in 3 countries (GR, CY, IT)
- To run the user trials and receive feedback
- To validate system behavior through user acceptance tests
- To produce a complete validation report and finalize the NAFTES system

NAFTES Training Phases

- **Introductory training**



- **E-learning**
(theoretical training)



- **Hands-on training**
(on site)



Key Technologies

- **Media rich interactive material**
 - Multimedia, collection of case-studies, supportive material, video conferencing,...
- **E-learning platform**
 - Online courses
 - Content preparation tools
- **Augmented Reality equipment (glasses, head-up display)**
 - AR equipment and applications

NAFTES WPs

WP1. Project Management

WP2. User needs: specification and analysis

WP3. Development of didactic products

WP4. Training and pilot testing

WP5. Publicity and dissemination

WP6. Exploitation of results

WP7. Evaluation

NAFTES Results

O1 – User needs report

Requirements for: (i) educational interactive material for training in all phases, (ii) e-learning platform, (iii) augmented reality equipment and software

O2 – Fire fighting toolbox

Interactive, media-rich online courses deployable in the online platform.

O3 – Online platform and Augmented Reality application

(i) Web portal for the remote training of firefighters, (ii) augmented reality application for on-site training of specialized personnel.

O4 – Validation report

Assessment in relation to the established project performance indicators (PPI), project related risks and the efficiency of their mitigation approaches, end-user feedback (i.e., online platform users, trainees), steps to be followed to overcome possible difficulties.

O5 – Final project report

All the project activities will be documented in detail (technical issues, evaluation outcomes, dissemination results, exploitation plans, best practices and guidelines...).

Multiplier Events

- In each country of the partnership, dissemination workshops for people working in the respective domain will be held. Specifically, the following multiplier events will be organized by the project partners:
 - E1** – Workshop in Greece
 - E2** – Workshop in Cyprus
 - E3** – Workshop in Italy
- Workshops aim to present and train professionals on the NAFTES platform in order to reveal its strengths in real applications.
- **Target groups:** Commercial/military ship crews and, with proper adjustment, virtually any kind of engineering premises prompt to risk of fire.



Thank you for your attention!

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