

2017



Naval Fire Fighting Training
& Education System

Newsletter #1

Welcome to NAFTES

The EC support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors and the Commission cannot be held responsible for any use which may be made of the information contained therein



A. Scope and Objectives

The present newsletter aims to provide a brief summary of the main activities that have been undertaken during the first months of the NAFTES project. NAFTES is an Erasmus+ project aiming at enhancing the quality of the training of ships crews, both military and commercial ones, on firefighting operations. The training will be performed through an on-line platform, called NAFTES, that will include the use of rich media, innovative preparation tools and AR (Augmented Reality) equipment, such as AR lens.

The NAVAL FIRE FIGHTING TRAINING and EDUCATION SYSTEM (NAFTES) is a holistic framework for the training of crew and officers in simulated fire conditions in representative ship engineering compartments. NAFTES assumes three different facets structured around the Fire Fighting Simulator and Crew Evacuation Simulator (Damage Control School) of the Naval Training Command of the Hellenic Navy. The FFS, a central component in the Damage Control School, has been in operation since 2006 and adopts a conventional training workflow which will be radicalized through NAFTES. The Hellenic Navy (participating organization in NAFTES through the Hellenic Ministry of Defense, HMOD) intends to broaden the use and extend the scope of this unique training platform to commercial shipping companies from all around the globe. Therefore, NAFTES is considered of paramount importance to the Greek shipping industry, one of the most important sectors of the Greek economy which currently undergoes a serious crisis.

B. Partners



- (Coordinator) Greek Academic Network – GR



HELLENIC REPUBLIC
Ministry of National Defence

- Hellenic Ministry of Defence – GR



- Danaos Shipping – CY



- IES Solutions – IT

C. Vocational Education & Training

NAFTES relies on three very important technical components tightly coupled to deliver a rounded whole. Such components are the e-learning management system (open and extensible to meet the needs of modern training programs), the AR applications (installed and operated in crew carried, fully networked devices) and the context awareness mechanism that capture the location of the trainee. Therefore, NAFTES will provide the technological means of radically improving the training processes currently followed in DCS. The AR component will allow trainees to be engaged in complicated drills/scenarios. Trainees will be guided throughout the complex engineering structure to precisely execute fire-fighting and/or evacuation drills. More elaborate versions of the AR component will be provided to the leaders of the trainee groups or instructors in order to provide an immediate overview of the training context (the drill progress, the spatial distribution of the trainees, etc.) as well as the current status of the fire-fighting effort.

NAFTES foresees 3 types of training based on different educational material and technologies.

1. **Introductory training** using **rich-media didactic material**
2. **Classroom training** using **NAFTES e-learning platform**
3. **Hands-on training** through **Augmented Reality applications**

D. Kick-off meeting

The official kick-off meeting of NAFTES took place at the GUnet Media Centre of the Greek Academic Network on November, 30th, 2016. During the event, the project partners had the chance to analyse the project goals and set-up an effective collaboration plan.



Kick-off meeting Group picture.

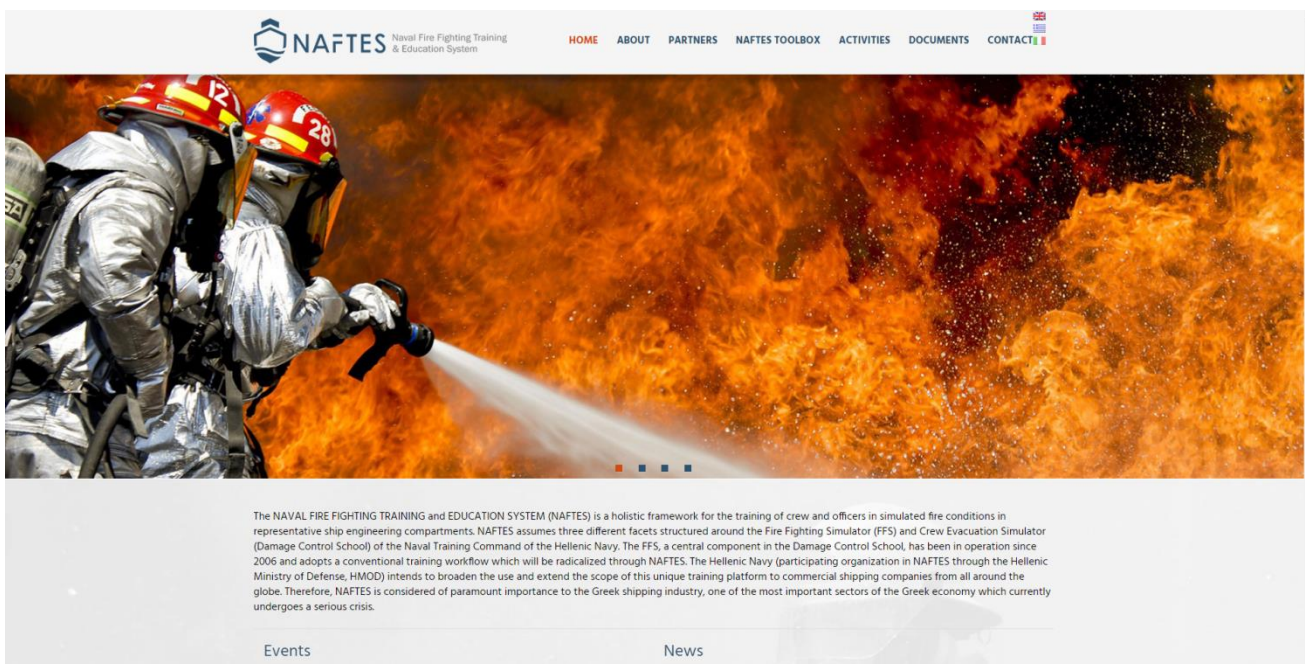
E. Events and Workshops

The project will organize 3 Training Events and 3 Dissemination Workshops in which end-users and stakeholders will have the chance to interact with and validate the capabilities of NAFTES. The events will take place in each one of the three participating countries (GT – CY – IT) organized by the respective project partners.



F. Dissemination


Project Web page hosts all necessary information on the project activities and deliverables and can be found at <http://www.naftes.eu/>. GUnet created also Facebook, Twitter and LinkedIn accounts where project results and findings are promoted.




NAFTES website.

The project produced also a leaflet (brochure) that will be used during the dissemination activities and events.


PARTNERS




HELLENIC REPUBLIC
Ministry of National Defence




GU net
AKADHMATKO ΔΙΑΔΙΚΤΥΟ
www.gunet.gr






SCIENTIFIC COORDINATOR
Greek Academic Network (GUnet)
Lazaros Merakos

E-MAIL: info@naftes.eu


 /naftesproject

 @naftes_project

 NAFTES project




www.naftes.eu



NAFTES

Naval Fire Fighting Training & Education System



NAFTES Naval Fire Fighting Training & Education System

ABOUT NAFTES

NAFTES aims at enhancing the quality of the training of ships crews, both military and commercial ones, on fire fighting operations.

The training will be performed through an on-line platform, called NAFTES, that will include the use of rich media, innovative preparation tools and AR (Augmented Reality) equipment, such as AR lens.

VOCATIONAL EDUCATION & TRAINING

The NAFTES project will develop the following didactic products:

- A rich-media toolbox consisting of interactive educational material
- A multi-lingual e-learning portal for personalised distance learning
- An Augmented Reality application for hands-on training

<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="background-color: white; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">✓</div> <div style="text-align: left; padding-left: 10px;">Introductory training</div> </div>	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="text-align: right; padding-right: 10px;">Rich-media didactic material</div> </div>
<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="background-color: white; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">✓</div> <div style="text-align: left; padding-left: 10px;">Classroom training</div> </div>	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="text-align: right; padding-right: 10px;">NAFTES e-learning platform</div> </div>
<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="background-color: white; border-radius: 50%; width: 20px; height: 20px; display: flex; align-items: center; justify-content: center;">✓</div> <div style="text-align: left; padding-left: 10px;">Hands-on training</div> </div>	<div style="display: flex; align-items: center; justify-content: center; gap: 10px;"> <div style="text-align: right; padding-right: 10px;">Augmented Reality applications</div> </div>

TRAINING EVENTS & WORKSHOPS

The project will include 3 Training Events and 3 Dissemination Workshops in which end-users and stakeholders will have the chance to interact with and validate the capabilities of NAFTES.

The envisioned training events aim to train professionals in Greece, Cyprus and Italy. NAFTES envisions specific training sessions in each country adapted to the host country and professionals characteristics. Workshops aim to disseminate the final products of NAFTES to a wider audience compared to the training events (i.e. key actors and stakeholders).

