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Erasmus+

## ERASMUS+ KA2 SAFED PROJECT

### SAFETY: FIRE&DESIGN: SIMULATION FOR FIRE SAFETY TRAINING-SAFED

Nº. 4 – March-2021



**E- LEARNING PLATFORM**



**PARTNERS \ 3 COUNTRIES**



**PILOT TRAINING**



**INTERNATIONAL MEETINGS**

**SAFED**  
SAFETY FIRE DESIGN



THIS PROJECT HAS BEEN FUNDED WITH SUPPORT FROM THE EUROPEAN COMMISSION UNDER THE ERASMUS+ PROGRAMME. THIS PUBLICATION REFLECTS THE VIEWS ONLY OF THE AUTHOR, AND THE COMMISSION CANNOT BE HELD RESPONSIBLE FOR ANY USE WHICH MAY BE MADE OF THE INFORMATION CONTAINED THEREIN - ERASMUS+ PROJECT "SAFETY, FIRE & DESIGN: SIMULATION FOR FIRE SAFETY TRAINING-SAFED" 2018-1-ES01-KA202-050316

## SAFED MARCH 2021 MILESTONES

Javier Boira (CPIFP Corona de Aragón)

We reach the end of the project. It has been a journey of 2 and a half years shared closely among great partners from Spain, Greece and Cyprus. The consortium balances great academic professionals (Universities and Quality professionals) and committed professional workers. Among them, firefighters, security and protection personnel, and volunteers who dedicate their day to day's work to our safety and well-being.



It has been a very hard-working time, very satisfying, though. The final intellectual outputs products will remain as know-how in each partner while also remains as available products for use by any professional service that wants to start a new training experience model. It consists of an e-training platform with a set of modules with a whole series of manuals explaining the concept for our e-training experience, allowing any service to adapt the e-training expertise to his service's specific case.



Due to the development of information technologies that today are commonly available in our work and homes, this e-training approach can be deployed and used anywhere in Europe with ease. Moreover, the evolution of our way of life in Europe requires this type of training solutions. The pandemic that we all have suffered during this last year, being a disgrace, has highlighted the need and usefulness of this kind of e-training solutions and our idea's correctness.

During those two and half years of great experience, apart from the work carried out through email communications, and professional dedication, we have had the following events in common:

- 3 Transnational meetings (Greece and Spain)
- 7 formal video-conference virtual transnational meetings
- 2 transnational training events (Spain)
- One transnational on-line virtual training event (Cyprus)
- 3 Multiplier events (Greece, Cyprus and Spain)
- 3 Final Conferences (Greece, Cyprus and Spain)



During the project, we accomplish the engagement of key actors (career officers and volunteer firefighters, experts, trainers,

stakeholders) to understand critical knowledge and capability gaps so as to form a basis for the construction of focused training material to promote operational best practices (IO-1).

Then, in order to train as many firefighters as possible from both the career and volunteer departments, an e-training platform has been developed, hosting the training modules. The e-training platform provides synchronous and asynchronous teaching. Interactive courses designed by certified educators offering high quality training sessions, imitating traditional classroom learning, while asynchronous learning modules enhance self-study or revision. Online courses, open to all, easy to use, engaging and user-friendly (IO-2).

After this work was tested and approved according to our quality system, the training modules were envisaged to allow for different levels of trainee experience and knowledge through customized learning paths (IO-3).

Finally, the final product of the SAFED project consisting of a collaborative, evidence-based training model has been tested (Pilot-trainings) and documented on the need to address existing gaps between the task at hand and current firefighting strategies and tactics, translating knowledge into practice and resulting in a safer and more effective firefighting operations that reflect the modern fire environment (IO-4).

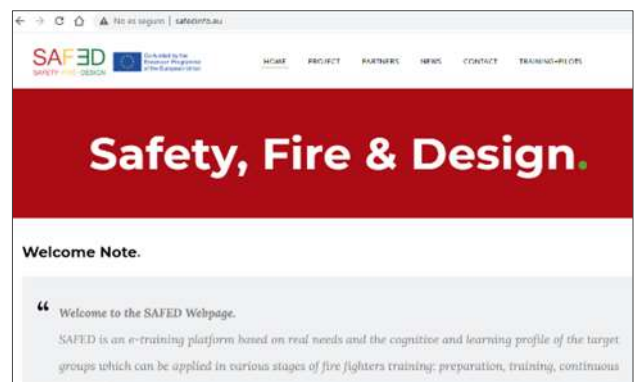
I would finally like, as coordinator, to thank the commitment of all the partners in a consortium that worked hard but joint in the same direction, with great enthusiasm, despite the extra work that the year of the pandemic has meant.



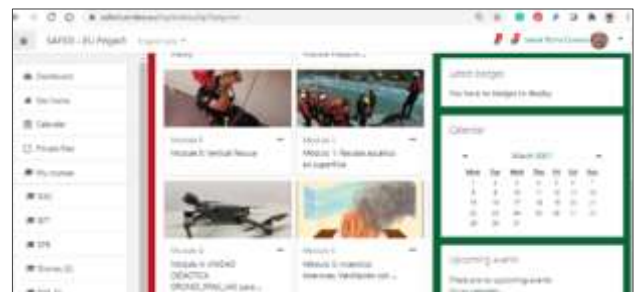
## SAFED – LINK TO THE FINAL PRODUCT

The web page of the project has been the “common place”, an entry point and also an excellent communication tool between partners and among participants. You can access searching the web or writing the URL safedinfo.eu.

Web-page: <http://www.safedinfo.eu/>



e-platform: <https://safed.cerides.eu/>

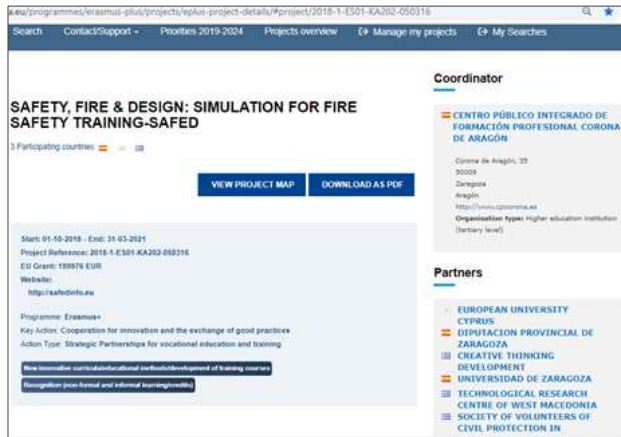


The e-platform hosts the virtual learning materials. More than 80 professional firefighters and 230 volunteering organizations from Spain, Greece and Cyprus tested the e-platform during January and February of 2021. These tests highlight the ease of use for trainers and trainees and their flexibility and utility.

*Project-results-ErasmusPlus platform:*

From this European project’s platform we can download the final products, access the documents and reports of the project describing procedures and thoroughly explanations of our methodology. It is the official web-site from the

European Union Erasmus+ Programme open products.



It is available online at the following URL:

<http://ec.europa.eu/programmes/erasmus-plus/projects>

Regarding the dissemination of the information, the approach adopted has consisted on the following activities planned in the project:

- World Wide Web presence through project website, partners' websites, social media and publications in relevant forums and blogs.

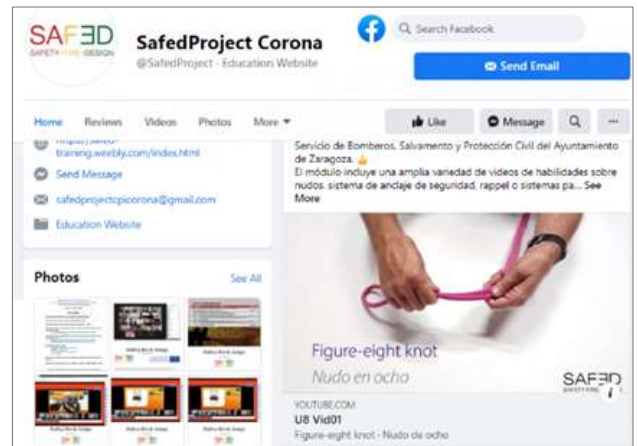


- Media coverage in newspapers, newsletters, publications.
- Organization of local events, contacting and engaging stakeholders with strong capacity for dissemination.

#### Dissemination sites:

- Facebook:
  - @safedproject
  - @dpzaragoza – search “safed”
  - @FireServiceCyprus – search “safed”
  - @Crethidev – search “safed”

- @EuropeanUniversityCyprus
- @unizar.es
- @univwm
- @cpifpCoronaDeAragon

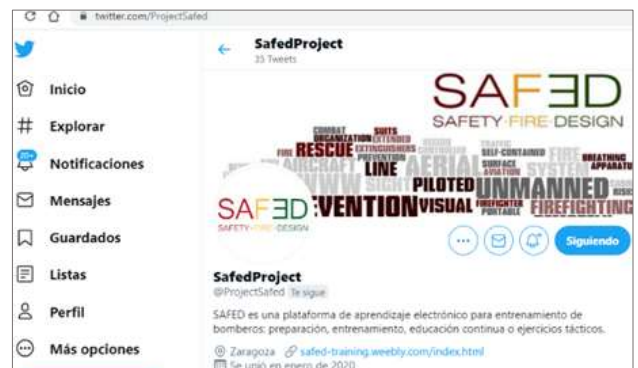


- Youtube:

- Safed Project
- Safed-Project

- Twitter:

- @projectsafed



- Instagram:

- Instagram.com/Safed\_project
- Instagram.com/SafedProject

- LinkedIn

- linkedin.com/in/césar-garcía-hernández-180b5113



## PROJECT EVENTS



### TRANSNATIONAL MEETINGS:

- M1 – KICK OFF MEETING 28-NOV-2018
- M2 – GREECE 10-JUL-2019
- M3 – SPAIN 06-FEB-2020
- Mv1- virtual 26-MAY-2020
- Mv2 - virtual 24-JUN-2020
- Mv3 - virtual 29-JUL-2020
- Mv4 - virtual 18-SEP-2020
- Mv5 - virtual 16-DEC-2020
- Mv6 - virtual 02-MAR-2021
- Mv7 - virtual 23-MAR-2021

### COMMON TRANSNATIONAL EVENTS:

- C1 SPAIN SEPT-2019
- C2 SPAIN FEB-2020
- C3 CYPRUS-virtual NOV-2020

### MULTIPLIER EVENTS: Training promotion events.

- GREECE (Athens) 11-JUL-2019
- SPAIN (La almunia) 18-DEC-2020
- CYPRUS (Cerides-virtual) 22-JAN-2021

### FINAL CONFERENCES:

- SPAIN ( El Burgo de Ebro) 18-MAR-2021
- CYPRUS (virtual-Cerides) 30-MAR-2021
- GREECE (virtual) 30-MAR-2021

Módulo: RAS

Total Participantes: 21

Total horas dedicadas: 156,8

Instructor: David Garcés

Media de horas por alumno: 7,5

Media de horas en la plataforma por alumno: 3,5

Alumnos que superan el módulo y obtienen certificado: 16



Conference on  
Sustainable  
Simulation for  
Fire Safety

SAFED  
SAFETY · FIRE · DESIGN

## PILOT TRAININGS

During the months of January and February we developed the test of the e-platform through the e-training test of the Pilot trainings. More than 80 professional firefighters and 230 volunteering organizations from Spain, Greece and Cyprus tested the e-platform in January-February of March 2021. Those tests highlights the ease to use for trainers and trainees and his flexibility and utility.



Trainees worked with the aid of a professional trainer on selected modules. They performed simulations into his own facilities, uploading into the platform the pictures and reports of their exercises. The process has been evaluated and a former report has been prepared, which is available through the European Erasmus-Plus products platform. During the Final conference, some simulations in open air have been realised. The outcomes have been thoroughly evaluated by the instructors.





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**Práctica 1: Revisión ERA**

TAREA 2: COMPROBAR ALARMA ACÚSTICA

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**Foto 4**

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**5. INTERCAMBIO LÍNEA AIRE ENTRE COMPAÑEROS.**

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**MAPA CAMINO 300 (m...)**

Primer desarrollo de la 1ª y la 2ª sesión de DSE Párr

**TAREA 3**

Tras revisar el espacio aéreo en la página Enarea drones, verificamos que la zona a mapear no se encuentra en una zona de alertas o áreas aeronáuticas a vuelo de drones, así que se tomarán las medidas necesarias para cumplir la normativa establecida a tal efecto.

**PRACTICAS DE EQUIPOS DE PROTECCIÓN RESPIRATORIA**

1. Realizar revisión de un equipo de respiración autónoma, comprobando alarma acústica, presión, estado, etc.
2. Colocación ERA en la espalda, verificar estanqueidad de máscara y practicar la conexión y desconexión del pulmón automático.

*La revisión incluye la comprobación de que los atalajes de pecho y cintura están listos para su uso y no apretados*

*La práctica (estanqueidad y conexión-desconexión) se realizó tanto sin guantes como con guantes*

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**2. SUELTA RÁPIDA LÍNEA DE VIDA CHALECO.**

3. Realizar lanzamiento de cuerda de rescate a un punto fijo (a unos 8 m de distancia).

**Práctica 4: Lanzamiento cuerda punto fijo**

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**CERTIFICADO DE APROVECHAMIENTO**

**RELEVANTE**

Equipo de protección respiratoria

**- Evaluation form**  
**- Certificate of attendance**

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**Práctica 3: Rastreo.**

3. Realizar un rastreo en acción con SPV y PMA por el pasillo. Calcular el uso de 30 minutos de práctica.

TAREA 3: RASTREO EN ACCIÓN CON SPV Y PMA POR EL PASILLO

Se produce un consumo de (254lit - 203lit)

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**3. LANZAMIENTO CUERDA DE RESCATE.**

El objetivo es introducir la bolsa de rescate en el cabo a...