



Indoor-Outdoor Positioning
for Emergency Staff

Grant Agreement No. 874391

D2.3: IOPES website

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Contributors	José Navarro (CTTC), Eduard Angelats (CTTC)
Reviewers	Celia Conde (PCF), M. Eulàlia Parés (CTTC)
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Table of Contents

1. Executive summary.....	1
2. Background.....	1
3. Project website	2
3.1. General	2
3.1.1. Access	2
3.1.2. Website updating	2
3.1.3. Hosting	2
3.2. Website structure.....	2
3.1.4. About IOPES.....	3
3.1.5. News	6
3.1.6. Publications	7
3.1.7. Contact	7
3.1.8. Members	7
4. Conclusions	7
5. Reference Documents.....	7

List of figures

Figure 1. IOPES website header	2
Figure 2. IOPES website footer.....	3
Figure 3. IOPES web with image slider screenshot.....	3
Figure 4. Background and goals screenshot.....	4
Figure 5. IOPES concept screenshot.....	4
Figure 6. Consortium partners and map screenshot.....	5
Figure 7. Project outcomes screenshot.....	5
Figure 8. Latest new and latest tweets screenshot.....	6
Figure 9. Example of published news	6
Figure 10. Example of presentation.....	7

1. Executive summary

This document is a description of the website of the IOPES project, which is the main channel of communication to reach the general public. The document is divided mainly in three different sections: the background, website structure and network infrastructure. The background section introduces the relation of the webpage within the activities of WP2 - Communication & dissemination and the goals of the website. The website structure and network infrastructure section describes the main functionalities and features of the web and provide a detailed description of its content as well as details about hosting and the tools used to update the web.

The IOPES website is available at the following URL: <https://iop-es-project.eu/>

2. Background

The IOPES webpage is one of the activities of the WP2 – Communication & dissemination, led by PCF. This work package intends to make the outcomes of the project known by other civil protection and civil protection and emergency teams' collectives besides those involved in the project itself. This will be achieved by means of the accomplishment of the following objective:

"To communicate the project existence, rationale, objectives, implementation structure and ensure visibility and to disseminate project's outputs and deliverables to enhance sustainability after the project conclusion" [RD1].

The web is the main channel of communication to reach the general public. In the framework of WP2, a project website is implemented for maintaining a constant public presence. In order to ensure an effective exploitation of the project and to promote the embracement of IOPES outcomes, a useful website is key.

To fulfill this goals, this activity contains the following tasks:

- Create a website with public information about the project and its evolution;
- The website shall include a news section;
- The project web portal shall make the progress and outcomes (Public deliverables, presentations, journal and conference papers) visible and downloadable to the public;
- The portal is easily accessible and useful to the various different audiences for IOPES
- The website is set up in a way all partners can actively contribute to the news feed;
- The website is currently not used as an internal repository for project documentation and information because there is another repository in place which is used instead;
- The website should follow the guidelines provided by the Manual of Visual Identity [RD2] by using the project logo, colors and visual template.

The output of this tasks is the IOPES' public website. The website contains all relevant information about the project. At the same time, the project website includes a link to the internal team site that will be used to help partners on managing all project task. The website presents the information about the project destined to the broader audience, while the team site (protected portion limited to the IOPES community) exposes the internal collaboration tools. These two parts are integrated and accessible starting from the same base URL. The team site, however, may be accessed also via the general URL teams.microsoft.com or using the application "Microsoft Teams" delivered by Microsoft Corp.

3. Project website

3.1. General

3.1.1. Access

The website is publically accessible on <https://iopes-project.eu/> . CTTC have the credentials to login and update the web content.

3.1.2. Website updating

The responsible for updating the webpage is the CTTC. Each WP leader will be responsible to communicate to PCF (WP2 leader), the relevant information related to the webpage to ensure that the webpage is up-to-date with the latest news and information. PCF will transmit this information to CTTC that will be responsible for updating the webpage.

The website needs to be updated at least twelve times per year. The website is only available in English.

3.1.3. Hosting

The IOPES website is hosted and located in CTTC's premises on a dedicated server. The webpage will be hosted during a period of no less than seven years, covering first two years (the project length) plus five extra years after project ends.

3.2. Website structure

The website is composed of a common structure that shows different contents depending of an option selected from the main menu.

The common structure has a header (Figure 1) that includes a project logo (left side), a menu bar and a search function; a central part with different varying content; and a footer with project social links, EU grant acknowledgement information, legal notice and privacy police (Figure 2).

The menu bar (Figure 1) contains five items, namely About IOPES, News, Publications and contact, that enables different content in the central part of the website. The About IOPES content act as a home or default content when an interested reader visits the webpage.



Figure 1. IOPES website header



Figure 2. IOPES website footer

3.1.4. About IOPES

The About IOPES section includes:

- A slider with a set of images from different emergency scenarios and a set of sentences emphasizing what IOPES is bringing (Figure 3);
- A brief description of IOPES background, goals and concept (Figure 4 and 5);
- Consortium partners' logos and their geographical location. If the logo from a partner is clicked, a new page is opened showing a description of the partner, contact and partners' social links (Figure 6).
- A brief description of project activities and project outcomes together with a timeline showing major milestones (Figure 7).
- Latest news and tweets subsection. This subsection is updated automatically once news and tweets are published (Figure 8).

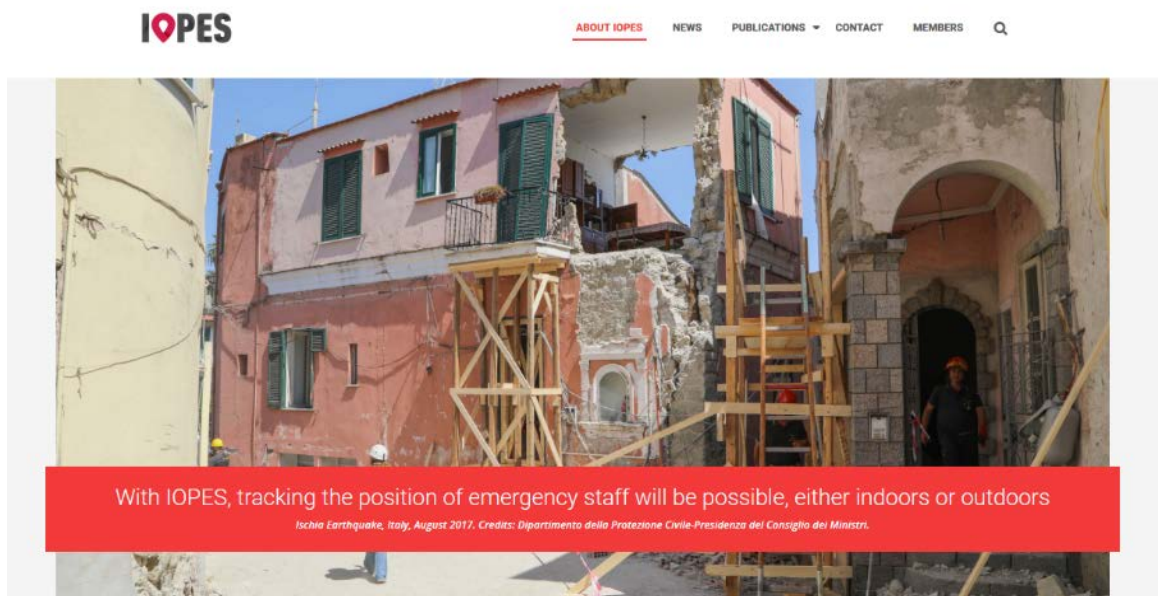


Figure 3. IOPES web with image slider screenshot

BACKGROUND

The IOPES is a two-year project co-funded by the European Commission, Directorate-General Humanitarian Aid and Civil Protection (ECHO), under the call **UCPM-2019-PP-AG**.

The 2019 Call for Proposal (Preparedness projects) focused on strengthening preparedness for responding to multi-sector emergencies, including health, CBRN, environment and marine pollution in Europe and its Neighbourhoods. IOPES targets the specific objective number two: Developing operational tools to facilitate emergency response.

GOALS

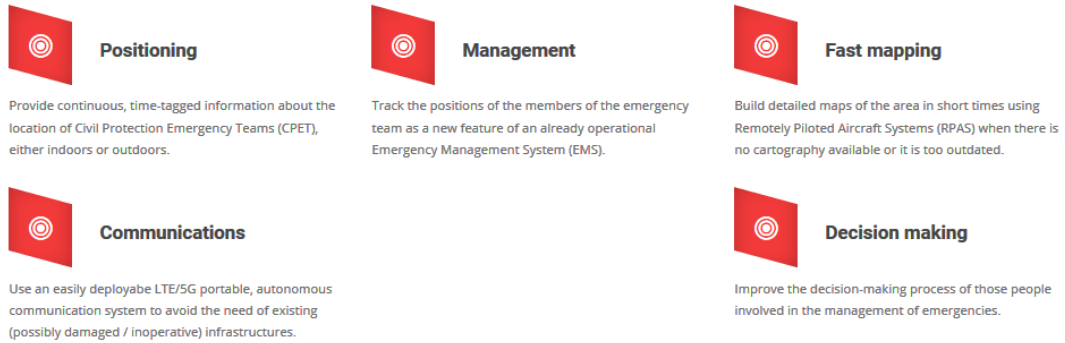


Figure 4. Background and goals screenshot

CONCEPT

The IOPES project integrates wearable positioning technologies, LTE/5G portable and easily deployable communications, a seasoned IT-based emergency management system as well as fast mapping products in order to track the positions of the members of emergency teams, no matter whether they are indoors or outdoors, willing to strengthen the preparedness of civil protection and emergency teams involved in several kind of disaster-related operations.

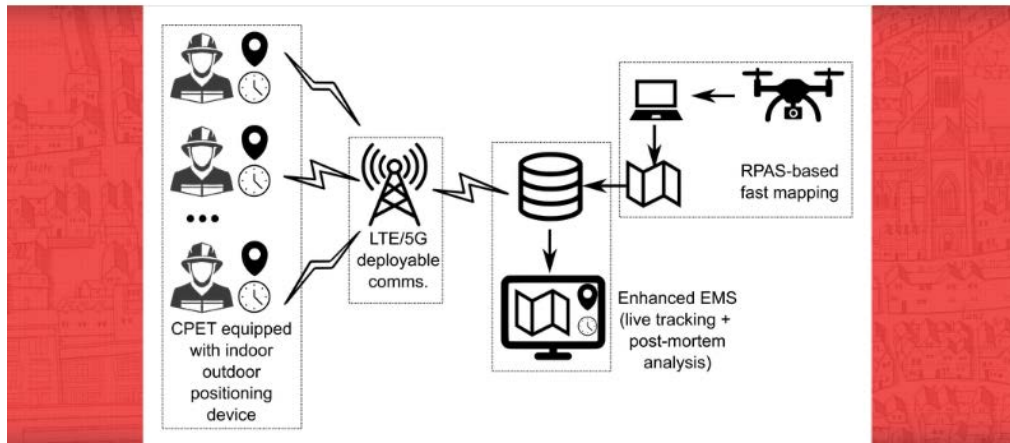


Figure 5. IOPES concept screenshot



Figure 6. Consortium partners and map screenshot

OUTCOMES

The first outcome of the project will be an IT-based solution, that is, an enhanced Emergency Management System (EMS) able to track emergency teams in real time.

The data collected by this EMS lead to the second outcome of IOPES: the later dissection of such information to trace the behavior of the teams, linking variables as time, position & events, making possible a post-mortem analysis of the emergency and thus the development or refinement of strategies aiming at the improvement of emergency management.

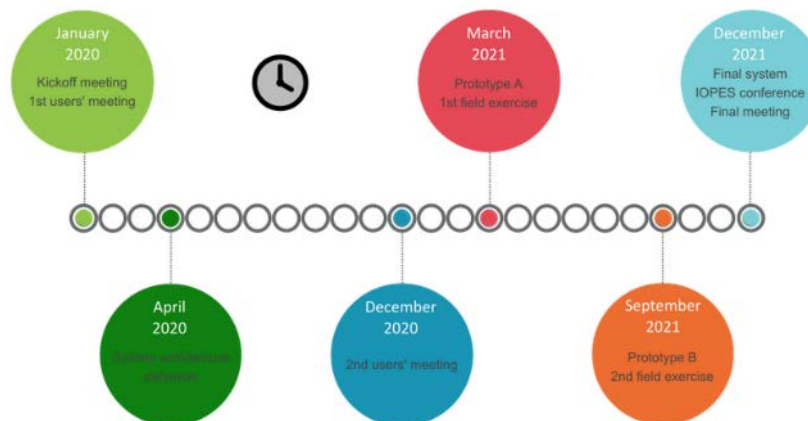


Figure 7. Project outcomes screenshot

LATEST NEWS

- F E B**
21
2020
10:15

IOPES presented in DG-ECHO
 On February 12th, 2020, the IOPES project was presented in Brussels at the European Commission - DG ECHO facilities during the Kick-off-Meeting fro selected...
- J A N**
16
2020
09:09

The first IOPES' users meeting took place in Castelldefels (Barcelona)
 On January 16th, 2020, the IOPES Consortium held the first End User meeting in the premises of the Centre Tecnològic de Telecomunicacions de Catalunya (CTTC)...
- J A N**
15
2020
11:50

IOPES kickoff meeting held in CTTC's premises in Castelldefels (Spain)
 The IOPES kickoff meeting took place at the premises of the Centre Tecnològic de Telecomunicacions de Catalunya (CTTC) in Castelldefels (Barcelona, Spain) on...

LATEST TWEETS



Figure 8. Latest new and latest tweets screenshot

3.1.5. News

The news section is separately accessible also through the menu and include all the news of the project, not only the latest ones. Each of the news (Figure 9) can be printed on sent by e-mail.

News

IOPES presented in DG-ECHO



Published: 21 February 2020

On February 12th, 2020, the IOPES project was presented in Brussels at the European Commission - DG ECHO facilities during the Kick-off-Meeting fro selected projects under the call UCPM-2019-PP-AG.

During the meeting, IOPES members had the opportunity to present the project, the main goals and main planned activities together with all selected projects. Interesting and constructive discussions were generated among meeting participants, including DG-ECHO members and selected project participants. During the meeting, the Emergency Response Coordination Centre (ERCC) was visited too.

[Click to download](#)



Figure 9. Example of published news


3.1.6. Publications

The publications section is split in the following sub-categories through a pop-up menu:

- Project deliverables. All public deliverables as well final project final report could be downloaded by any interested reader.
- Presentations and published papers in events, conferences or journals, showing the IOPES concept, technology, main results etc. All material could be downloaded by any interested reader (Figure 10).
- Communication material including project brochure and project video. All material except video could be downloaded by any interested reader.

Presentations & papers

IOPES project presentation

 Published: 14 February 2020

TOPIC: IOPES project presentation in the context of the Kick-off-meeting of selected projects under the call UCPM-2019-PP-AG

LOCATION: European Commission – DG ECHO, Brussels, Belgium

[Download](#)

Figure 10. Example of presentation

3.1.7. Contact

The contact section allows to put in contact any interested person with the consortium by providing project coordinator details or by filling a contact form.

3.1.8. Members

Reserved area for consortium members. A sign in button forward the consortium members to the project site in Microsoft teams.

4. Conclusions

This document presents the design of the IOPES website. The current design is considered as a starting point, and will evolve during the project reflecting the developments and results of the project. Future evolution of the web may include also a project video, main results section, information of related projects and a gallery section including images from the functional exercises planned in WP5.

5. Reference Documents

[RD1] IOPES – D1.1 Project management plan – Version 1.0.

[RD2] IOPES – D2.1 Manual of Visual Identity – Version 1.0.

IOPES

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