



HyResponse

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HyResponse's homepage publically available

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European Hydrogen Emergency Response training programme for First Responders

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1 Introduction

This document reports on the development and the launch of HyResponse's website. According to the description of work (DoW) the project's website including its confidential area for internal communications between the project's partners should be developed and maintained by UU partner. In month 6 HyResponse's homepage should be publically available. The website www.hyresponse.eu and HyResponse's homepage constitute an actual deliverable.

This document outlines the general structure, tentative content and capabilities of the website as a virtual space both for the members of the consortium and general public. The following report refers to the version of the website that was online on 28.11.13. The HyResponse's website will be improved and updated in due course. The report on the final version of the website (D7.1) will be produced in month 35.

2 General information

The HyResponse's website is a requirement of the DoW. The website (its homepage and password-protected area) was due on month 6 (November 2013) of the project. The first draft version was presented to the consortium members in September 2013. Partners were also provided with login details to access the members' zone. Since then the website was modified and was effectively online on the 28th of November 2013.

The website consists of two main areas:

1. The public area of the website, which contains publicly available information about HyResponse project.
2. The internal area of the website protected with a user name and a password. This confidential area serves as an internal communication platform for the partners.

The domain name for the website is <http://hyresponse.eu>. It is hosted externally by 123-reg.co.uk. The duration of the domain name availability is 10 years. According to the DoW the website may be sustained after the project by ENSOSP partner.

3 Public area of the project website

The public area of the website has been designed to be the main source of information about the HyResponse project for interested persons and stakeholders. The main content is subdivided in nine sections in the navigation bar. Eight sections can be accessed by the public. The members' zone provides an access to internal communication area of the website and available only to the project partners.

The homepage briefly describes the project. A slideshow located at the homepage demonstrates the most common FCH applications, potential hazards associated with hydrogen fires and some training aspects relevant to first responders. Some illustrations for the slideshow were taken from Google images, others were purchased from iStockphoto (<http://www.istockphoto.com/>).

Figure 1 shows the homepage of HyResponse website.

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The screenshot shows the homepage of the HyResponse project. At the top left is the HyResponse logo, which includes a fire-fighter icon. To its right is the text 'First responder educational and practical hydrogen safety training'. Further right is a small graphic of a periodic table element for Hydrogen (H, atomic number 1, symbol H, name Hydrogen, atomic weight 1.00794). Below the header is a navigation bar with nine tabs: Home, Educational training, Operational training, VR training, Emergency Response Guide, Contacts, Events, Members, and Links. The main content area features a heading 'Welcome to the HyResponse project's website' followed by a paragraph of introductory text. Below the text is a photograph of firefighters in full gear using high-pressure water hoses to spray a car. At the bottom of the main content area, there is a short paragraph and a contact invitation. The footer contains three links: Home, Contact Us, and General disclaimer, along with logos for the European Union and New Energy World JU.

HyResponse First responder educational and practical hydrogen safety training

Home Educational training Operational training VR training Emergency Response Guide Contacts Events Members Links

Welcome to the HyResponse project's website

HyResponse is a 'Coordination and Support Action (CSA)' project supported by EC Fuel Cell and Hydrogen Joint Undertaking and aiming to establish the World's first comprehensive training programme for first responders, i.e. a European Hydrogen Safety Training Platform (EHSTP), to facilitate safer deployment of FCH systems and infrastructure. The core training programme is threefold: educational training, including the state-of-the-art knowledge in hydrogen safety, operational training on mock-up real scale hydrogen and fuel cell installations, and innovative virtual reality training reproducing in detail an entire accident scenario, including influence of first responder's intervention. Three pilot training sessions will be organised during the project. The Emergency Response Guide, explaining details of intervention strategy and tactics, will be developed and included into the pilot training sessions to receive attendees' feedback. The Advisory and Consultative Panel will be established to engage as much as possible European stakeholders and provide highest outreach of the project results. The Panel membership will be open to first responders, site operators, representatives and hydrogen industry, and car manufacturers throughout Europe. A website will stay active for training of new comers after the end of the project. EHSTP will train first responders to deal with all safety aspects for a range of hydrogen applications, including passenger vehicles, buses, forklifts, refuelling stations, backup power, stationary fuel cells for combined production of heat and power, etc.

You will be able to find on this website the deliverables of the HyResponse Project, International Curriculum on hydrogen safety training for First Responders, Emergency Response Guide, links to relevant resources and RCS, information on the HyResponse pilot training sessions, workshop, etc.

Would you have any question on the HyResponse Project or this website, don't hesitate to contact us.

[Home](#) [Contact Us](#) [General disclaimer](#)

HyResponse project is a Coordination and Support Action funded by Fuel Cells and Hydrogen Joint Undertaking and supported by the European Commission under the 7th Framework Programme. Project reference: 325346.

New Energy World
JU
fuel cells & hydrogen for sustainability

Figure 1. A screenshot of HyResponse's homepage

3.1 Page layout

Each page of the website has four areas. A header (at the top of the page) will include the logo, which is currently under development by ENSOSP partner. In the pilot version of the website the logo is substituted with an image of a fire-fighter. In addition, the header reflects the title of the project, the aim of the project and a picture associated with each tab in the navigation bar. This area is surrounded by a grey frame.

Below the header, there is a navigation bar that includes nine main tabs. When the cursor is placed on each tab, a drop-down menu (and sub-menus) opens. This area is surrounded by a grey frame.

1. *Home* tab has five menu items:

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- *About HyResponse*. This sub-section describes the scope of the project; the overall strategy of the work plan and the graphical representation of the main components of the project.
- *Participants*. This sub-section lists and provides the details of the organisations involved in the HyResponse project.
- *AC panel*. This section will list the members of Advisory and Consultative Panel (ACP). It will be filled after the membership is established.
- *Deliverables*. This section lists the deliverables accessible to the public. The visitor will be able to download final versions of public deliverables.
- *Milestones*. This section lists the milestones within the project.

2. *Educational training* tab has four menu items:

- *International Curriculum*. International Curriculum on hydrogen safety training for first responders will be available to the public in month 12 of the project.

The developed educational materials in three main areas will be posted on the website under the following sub-pages:

- *Hydrogen safety basics for First Responders*.
- *RCS for First Responders*.
- *Intervention strategy and tactics*.

The exact format and number of teaching materials will be determined at a later stage during the project.

3. *Operational training* tab. The space was reserved on this page for operational training materials that will be posted in their final form by the end of the project.

4. *Virtual Reality (VR) training* tab. The space was reserved for Virtual Reality training materials that will be posted in their final form by the end of the project.

5. *Emergency Response Guide* tab. The Emergency Response Guide will be produced in month 35 of the project and will be available to the public from the designated page.

6. *Contacts* tab. This section enables members of the public to contact either the Project Coordinator or the Website Administrator via email.

7. *Events* tab has four menu items:

- *1st HyResponse training session*.
- *2nd HyResponse training session*.
- *3rd HyResponse training session*.
- *Workshop for First Responders*.

These sub-pages are assigned to three HyResponse training sessions and to the workshop for First Responders as planned in the DoW. There will be information on the programme, the registration process and the venue of each event.

8. *Links* tab consists of seven menu items:

- *Hydrogen safety*.
- *Associations*.
- *Projects*.
- *Databases*.
- *Vehicle and fuelling stations*.
- *Education and training*.
- *RCS (Regulations Codes and Standards)*. This menu refers to the relevant Regulations, Codes and Standards in the field of hydrogen in three sub-menus:
 - *Regulations*,
 - *Standards*,
 - *Codes/best practices*.

This section provides links to other websites: Hydrogen safety related websites; HFC Associations; Hydrogen related projects; Databases; Vehicles and Fuelling Stations; Education and training; and RCS.

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9. *Members* tab. Only this area of HyResponse’s website is protected by password. The description of the confidential area of the website is detailed in section 4 of this document.

Below the header and the navigation bar, the information related to a selected menu/sub-menu is displayed. It provides text and pictures related to HyResponse project, links to external website and links to documents (deliverables, training materials etc). This area is surrounded by a grey frame.

The footer in made of three links. First link ‘Home’ redirects a user to the homepage of the website, second link redirects a user to the section ‘Contact us’ and third link redirects a user to the page ‘General disclaimer’. There are also references to the main funding body of the project, the contract number. The logos of the EC and the FCH JU are included as well in the footer.

4 Internal communication area of the project website

The project’s confidential area of the website has been designed to provide a simple communication platform for the members of the consortium, with the aim of facilitating all the project internal processes. The functionality of members’ zone allows the uploading/downloading of documents, the creating meetings and also contains essential contact details (Figure 2).

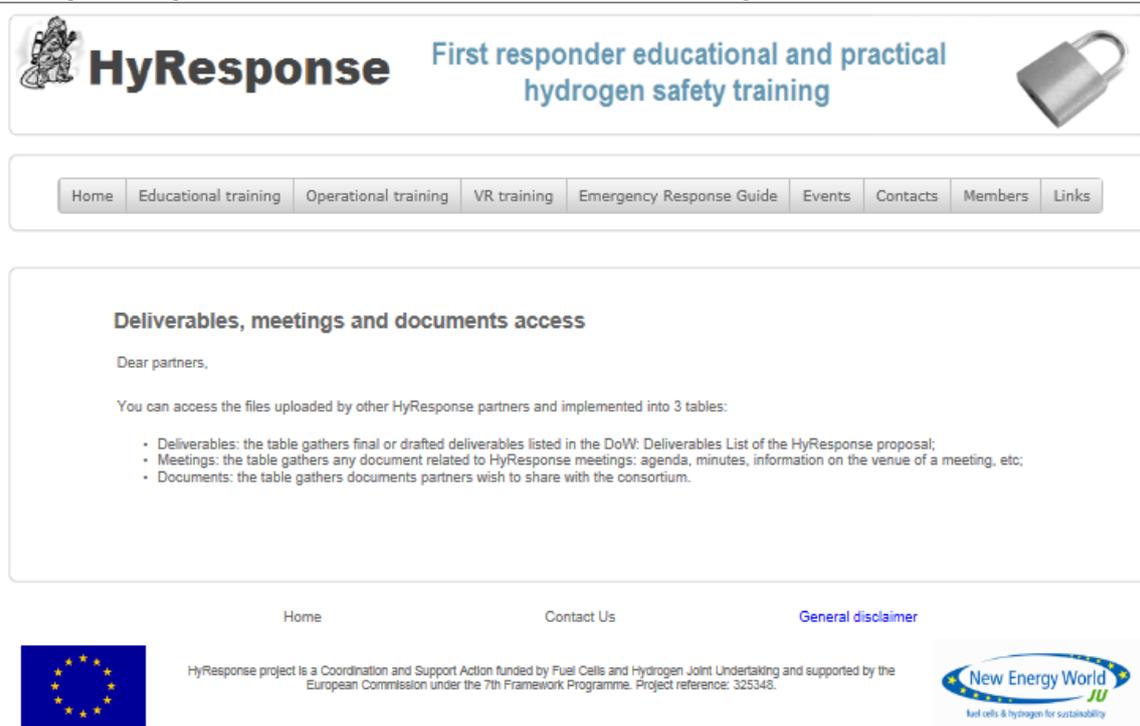


Figure 2. A screenshot of confidential area of the website.

Internal communication area consists of:

- A sub-section that provides access (download) to deliverables, information on the project’s meetings (minutes, agenda, information on venues, etc), and other documents.
- A sub-section that allows partners to upload deliverables or documents and call the meetings.
- A sub-section with the list of participants to the project with their photos and contact details.

All partners can exchange the necessary information by downloading/uploading drafted and final versions of deliverables, by announcing the meetings and by downloading/uploading the documents

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associated with the meetings (Figure 3). A Link to the DoW is also provided: [http://www.hyresponse.eu/documents/DOWHYRESPONSE\(325348\)2013-04-13.pdf](http://www.hyresponse.eu/documents/DOWHYRESPONSE(325348)2013-04-13.pdf)



The screenshot shows the HyResponse website interface. At the top, there is a header with the HyResponse logo (a stylized figure) and the text "HyResponse First responder educational and practical hydrogen safety training" next to a padlock icon. Below the header is a navigation menu with buttons for Home, Educational training, Operational training, VR training, Emergency Response Guide, Events, Contacts, Members, and Links. The main content area is titled "Deliverables, meetings and documents upload" and contains the following text:

Dear partners,

This page is dedicated to the upload of deliverables, meetings files and other documents (such as milestones or reports) you wish to share with HyResponse members. Please read instructions on how to upload your files in the appropriate table.

To upload a deliverable, select the corresponding work package in the drop down menu, the deliverable number in the drop down menu, then enter your full name, the title of the document, browse for the document you intend to upload and finally click on the button upload.

To upload files related to a meeting such as information on the meeting (venue, hotels, transportations, etc), agenda, minutes, etc, please select the meeting it refers to in the drop down menu. If the meeting is not in the list, add a new meeting name in the field: new meeting name. Then enter your full name, the title of the document, browse for the document you intend to upload and finally click on the button upload.

To upload a document you wish to share with HyResponse partners. Then enter your full name, the title of the document, browse for the document you intend to upload and finally click on the button upload.

At the bottom of the page, there are links for Home, Contact Us, and General disclaimer. The footer includes the European Union flag, a text block stating "HyResponse project is a Coordination and Support Action funded by Fuel Cells and Hydrogen Joint Undertaking and supported by the European Commission under the 7th Framework Programme. Project reference: 325348.", and the New Energy World logo with the text "fuel cells & hydrogen for sustainability".

Figure 3. A screenshot of the page for documents and meetings upload.

5 Capabilities

5.1 Download and upload of documents by members

In the password protected zone of the website, participants have the possibility to upload documents. These documents can be either draft or the final version of deliverables, documents related to the meetings (agenda, minutes, etc) or any other document of interest. Once a document is uploaded, it is available for download in the documents access zone.

5.2 Contacts

Anyone who visits the website can ask a question or leave a comment about HyResponse project or the website in two different fields. Queries related to the project are redirected by email to the project Coordinator while questions on the website are redirected by email to partner UU.

5.3 Download documents by the public

The visitors have the possibility to download the final version of the public deliverables and to download the final version the educational materials.

The content of HyResponse's website will be constantly updated as the project progresses. The section on deliverables will incorporate the final version of each deliverable, the training materials

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will be available when they will be finalised, new links to other websites will also be updated, and all the necessary information on training sessions will be posted in due time in the appropriate section.