



European Train the Trainer Programme for Responders

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Plan for National Training Programmes

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Summary

This deliverable describes the plan for national training programmes in 10 European countries (Austria, Belgium, Czech Republic, France, Germany, Italy, Norway, Spain, Switzerland, and the United Kingdom) from Dec 2021 to Dec 2022.

The format of the national training programmes will vary in order to meet local training needs. But the majority will take the form of 1-2 day workshops where the HyResponder training programme will be introduced. Where possible the workshops have been spread across the year to enable sharing of best practices.

The national workshops will be delivered by trainers who have attended the “train the trainer” course in June 2021, as described in Deliverable 3.2.

This Deliverable was updated in January 2022 in light of the ongoing Covid-19 pandemic. An increase of cases led to a review of the training schedule in December 2021 which is being monitored. This Deliverable will be further updated as dictated by the global health situation.

Keywords

National training programmes, workshops, train the trainer, locations, timing.

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1. Introduction

This deliverable document summarises the plan for delivery of the HyResponder National Training programmes as of January 2022. However, it is noted that due to the ongoing pandemic has meant the schedule is under review. The consortium are committed to delivering pan-European training safely and effectively. Any necessary revisions will be reflected in a revised deliverable and advertised on the project website.

The threefold training package will be introduced by trainers in 10 European countries: France, Austria, Belgium, Italy, Switzerland, Germany, Norway, Czech Republic, Spain and the UK.

The format of delivery will vary across the regions to ensure it aligns with local needs. However, in the majority of cases, the training programme will be introduced via a short 1-2 day workshop in the local language. The emphasis of the workshop is on an introduction to the full package of training, starting with the fire fighter level. These workshops are not intended to replace hands-on training, nor to cover all elements but rather to ensure core knowledge is transferred and participants are fully introduced to the HyResponder e-Platform. The workshops will be delivered by trainers who have attended the HyResponder “train the trainer” event in June 2021, as described in D3.2 “Short course for trainers”. The national workshops will be based on supporting materials provided through the HyResponder e-Platform (<https://hyresponder.eu/e-platform/>).

The national training events were planned to take place between Dec. 2021 and Dec. 2022, and where possible they have been distributed across the 12-month period to facilitate sharing of best practices. However, due to the pandemic the events are now foreseen to take place from February 2022, with the initial training being delivered online. The timing of the national workshops in 2022 has been determined to allow maximum time for the update of the materials and their translation following the “train the trainer” event in June 2021.

Details on the trainers and their role, regional requirements, recognition of the training, alignment to other activities and associated organisations are discussed in this document. The proposed location and timing of 10 workshops are also outlined. It should be noted that additional locations are also being explored through members of the Stakeholder’s advisory board.

2. Locations of the national training workshops

The locations of the 10 national training workshops are listed in Table 1 and illustrated in Figure 1.

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Table 1 Proposed Location of National Workshops

	Country	Location
1	Austria	Led by Tirol but delivered online
2	Belgium	Brussels
3	Czech Republic	Brno
4	France	Main training: Aix En Provence, Workshop: Grenoble or Aix En Provence
5	Germany	Oldenburg
6	Italy	Rome
7	Norway	Porsgrunn
8	Spain	Zaragoza
9	Switzerland	Balsthal
10	United Kingdom	Moreton-in-Marsh

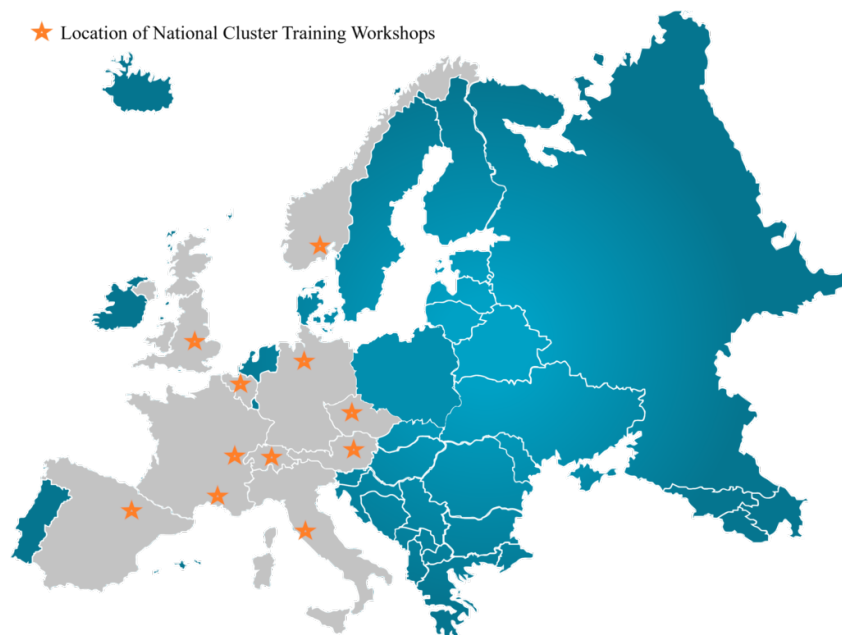


Figure 1 Location of National Workshops

3. Workshop leads

Table 2: Workshop leads and training organisations

	Region	Organisations (Consortium member in bold)	Type of organisation
1	Austria	Landes-Feuerwehrschnle Tirol	Training provider
2	Belgium	SPFI	Training provider
		Center of Expertise – KCCE - Brussels	Centre of expertise for responders
3	Czech Republic	Fire Rescue Service of the Czech Republic	Training provider
4	France (two regions)	ENSOSP French National Fire Officers Academy	Training provider
		CEA	Research Organisation
		Fire brigade of Modane	Training provider
5	Germany	Deutsches Zentrum für Luft- und Raumfahrt (DLR)	Research organisation
		Helmholtz-Zentrum Hereon	Training provider
6	Italy	Sapienza University of Rome (URS)	University
		Italian National Fire Corps	Training provider
7	Norway	University South Eastern Norway	University
		Oslo Fire Department	Training provider
		Grenland Brann og redning	Training provider
8	Spain	Zaragoza Ayuntamiento	Training provider
		Foundation for the Development of New Hydrogen Technologies in Aragon	Supporting SAB member
		University of Zaragoza	University, Supporting SAB member
9	Switzerland	International Fire Academy	Training provider
10	United Kingdom	Fire Service College	Training provider

Each of the 10 National workshops will be organised by a consortium member, and the introduction to the training will be delivered by trainers who have attended the “Train the trainer” workshop. Where a fire school is a partner in the consortium then they have nominated trainers directly. In the case where the consortium member is not a fire school they have partnered with a fire school in their region, and the consortium partner will support their nominated trainers and fire school in the delivery of the training. An overview of this arrangement is given in Table 2.

4. Trainers

Within HyResponder, it is intended that a community of trainers will be established, they will attend the “train the trainer” event and will then deliver a workshop, introducing the translated training package locally.

At least 2 trainers from each of 10 countries were identified in March 2021. The trainers all met a series of pre-requisites agreed by responders in the HyResponder consortium to ensure that they shared the same competencies. These are given in section 4.1. It was agreed that all trainers should:

- Meet the Fire and Rescue Instructor Prerequisites
- Attend the virtual training the week of 21st – 25th June 2021
- Engage with the teaching materials during and after this week, ideally helping with the review process
- Attend follow up operational training at ENSOSP late 2021/early 2022
- Deliver or assist with the delivery of a national event in 2022.

4.1 Fire and Rescue Instructor Prerequisites

4.1.1 Essential

1. Proven ability to undertake the teaching of courses using provided materials in organised modules to assess, guide and mentor including leading and conducting students in exercises and scenarios.
2. Able to present a credible professional standard of knowledge through educational, operational and professional awards and qualifications relative to the level of the students being instructed.
3. Physically able and capable of interpreting and applying operational skills founded in accepted national best practice standards of operational competency.
4. Have demonstrable practical experience in operational response over five years
5. Have a developed understanding of leadership as crew and incident commander
6. Show the attitudes and behaviours required to create a learning environment that is supportive of students from diverse cultural, social and educational backgrounds.
7. Capable and competent with good verbal, numerical and written skills with an ability to communicate clearly

4.1.2 Desirable

1. Suitable and sufficient evidence of maintaining personal competence in current role
2. Undertaken a full range of operational tasks including first responder, emergency vehicle driver, breathing apparatus leader, extraction and hazmat operator
3. Demonstrates understanding of the incident command and operational risk assessment
4. Are developing or have proven operational leadership and personnel management skills
5. Previously experienced in delivering a similar role as an FRS instructor or trainer

6. Skills that enable the delivery of e-learning, virtual reality and blended learning
7. Understands the ethical and behavioural requirements needed to direct and work with students
8. Ability to build and improve teams, carry out post training debriefs, report and investigate
9. Welcoming attitude to promote a good learning experience

5. Train the trainer programme

Full details on the format “train the trainer” programme can be found in Deliverable 3.2 and are summarised here. As mentioned, all trainers are required to attend the “train the trainer” programme prior to the national training programmes.

Due to the Covid 19, the “train the trainer” programme was delivered virtually from 21-25 June 2021 and will be followed up with operational and virtual reality training at ENSOSP, this was initially scheduled for December 2021, and at the time of document review (January 2022) the most likely timing is late spring 2022 pandemic dependent. Delivery of the national workshops can still go ahead even if hands on training is not possible. However, as the majority are planned in person, the pandemic will have an impact.

A detailed agenda of the train the trainer programme can be found in D3.2. In addition to the full week of training, a one-hour “onboarding” meeting was organised for trainers on 08 June 2021 with a focus on encouraging engagement. This served as an introduction to the train the trainer June workshop. The agenda of the onboarding meeting is listed in Table 3.

Table 3. Agenda of the onboarding meeting

Timing	Activity	Presenter
14:00 – 14:05	Consortium partners’ self-introduction	All presenters
14:05 – 14:30	Trainers’ self-introduction	All trainers
14:30 – 14:35	Introduction of educational materials	Sile Brennan, Lei Xing (UU)
14:35 – 14:40	Introduction of e-platform	Valentina Ruiz (Persee)
14:40 – 14:45	Introduction of operating materials	Wilfried Stefic (ENSOSP)
14:45 – 14:50	Introduction of VR	Eric Maranne (CRISE)
14:50 – 15:00	Q/A	All

6. Trainees

There is flexibility in the target audience for the National Training Workshops and the attendees will vary with region and local training needs. Whilst the National Training workshops are targeted at responders, as described in Deliverable 2.2, the training can be adapted to four levels: firefighter, crew commander, incident commander and specialist.

In addition to responders, as outlined in Deliverable 3.1 “Report on the Formation of National Training Clusters” if deemed necessary by the consortium further organisations (local or wider) will be invited to attend the national training workshops.

D3.1 identifies the relevant stakeholders in the regions where National workshops will be delivered. However, it should be noted that it is planned that the HyResponder training has reach beyond these regions. Responders from across Europe and beyond are participating in the Stakeholders Advisory Board (SAB). Representatives from additional regions will be invited to the most relevant National Workshop (language etc. dependent). For example, a representative of the Dublin Fire Brigade (Ireland) will be invited to the UK event.

7. Timing of the national training workshop

The proposed timing of the national training cluster workshops is presented in Table 4. The 10 workshops represent the minimum that will be delivered as partners e.g. SPFI will run more than one event. The consortium is also working with the SAB to investigate the delivery of additional events.

Where possible the workshops are arranged evenly through the year so that best practices can be shared and CTIF and UU could participate in more than one national workshop. In addition to timing, the training workshop language, workshop capacity, alignment with other activities and proposed associated organisations are planned. Details are shown in Table 4.

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Table 4 Timing of national training workshops in 10 countries*

* revised January 2022 to reflect the impact of the Omicron variant

Order	Partner	Country	Timing	Confirm languages	Workshop capacity	Alignment with other activities	Proposed associated organisations
1	ENSOSP	France (I)	Late Spring 2022	English	40	NI	NI
2	CEA	France (II)	Late 2022	French	TBC		NI
3	LFS	Austria	15 th -17 th Feb 2022	German	30	Safeguarding measures for electric vehicles after accidents or incidents	All fire service schools and professional fire brigades in Austria
4	SPFI	Belgium	3 rd -4 th March 2022 10 th -11 th March 2022	Dutch French	10	Seminar	Belgian fire schools
5	URS	Italy	22 nd -23 rd March 2022	Italian	TBC	NI	NI
6	IFA	Switzerland	25 th -29 th April 2022	German/French	TBC	NI	NI
7	DLR	Germany	May-22	German	30	Practical training	Lower Saxony Academy for Fire Protection and Disaster Management
8	FSC	UK	20 th - 22 nd June 2022	English	TBC	NI	NI
9	USN	Norway	Mid Sep 2022	Norwegian/English	20	Battery safety training	NI
10	MICR	Czech Republic	Sep-22	Czech	TBC	NI	NI
11	AYTO-ZGZ	Spain	Sep-22	Castellano	40	Mapfre prevention weekend	All fire services in Aragón-Spain

8. Language

Through HyResponder the training package will be translated following the update of materials after the train the trainer course. The national training will be delivered in the local language. Materials in 8 languages as a minimum will be made available on the HyResponder e-Platform.

9. Recognition of the training

An important goal of HyResponder is the **sustainability** of the training programme. CTIF is leading a task to map a pathway on the steps needed to support recognition of the training as standard. However, there are clear differences in responder training approaches throughout Europe, and if they are determined locally, regionally or at a national level. The consortium recognises the importance of having the organisations that approve or recognise training involved in HyResponder training, either directly, through the SAB or the national workshops. This is addressed in HyResponder.

The national training programme will be recognised in the majority of the countries where workshops will be delivered. Consortium partners will work together with their local organisation to assist with the recognition of the training programme.

9.1 Austria

The fire brigade schools are regulated by their federal provinces. There is a superordinate association the Austrian Federal Fire Brigade Association (ÖBFV) who makes recommendations regarding the content of the training. HyResponder partner LFS is officially communicating with ÖBFV about the participation and pre-organising an Austria-wide piloting of the training. Following the piloting and after approval by the HyResponder consortium, LFS will officially submit the national training course to ÖBFV. When approved, the national training course could be implemented in Austria.

9.2 Belgium

Partner SPFI has the authority to define and approve national and local training. This is the official training of the Belgian firefighters. The outcome of the HyResponder project will be integrated with the official training.

9.3 Czech Republic

Consortium member MICR can set the level and methodology of fire training in the Czech Republic. There are no barriers to the delivery of the national training.

9.4 France

The Minister of the interior defines guidelines/doctrine in France. There is no specification on H₂ training at the moment. ENSOSP adapts the training of officers to the guidelines. H₂ training is specialised and optional training.

9.5 Germany

Training varies by state. Training content is implemented via the federal states and their state authorities. DLR will propose coordinated and relevant content from the HyResponder project for adoption by appropriate institutions.

9.6 Italy

The National Fire Corps of Italy has been included in the SAB and are partnered with consortium member URS, who have the authority to specify regional or national training.

9.7 Norway

In Norway, each municipality is responsible for the training of first responders. The department of justice has approved teaching plans for the responders. The Norwegian Fire School is responsible for the training. USN has made formal contact with Oslo and Grenland fire departments.

9.8 Spain

AYTO-ZGZ has regional authority in Aragon of Spain to specify the training. The regional training is approved by the Academia Aragonesa de Bomberos. AYTO-ZGZ

is a part of this organisation. The fire training in Spain is approved by the Escuela Nacional De Protección Civil. AYTO-ZGZ is liaising with them.

9.9 Switzerland

Feuerwehr Koordination Schweiz (FKS) is participating in the HyResponder training and partner IFA has the authority to specify regional and national training.

9.10 United Kingdom

Whilst partner FSC does not have authority to specify regional or national training. FSC has the ability to design and develop educational programmes for the sector and get them approved via an awarding body. In the UK, the National Fire Chiefs Council is an advisory body and governed by the Minister for Policing and the Fire Service, which sits within the Home Office. FSC has the ability to introduce any type of training. Hydrogen would be classified within the subject matter of Hazardous Materials. FSC already delivered Hazardous Materials Courses.

10. Barriers to delivery of the training

At the time of the document revision (January 2022) the ongoing pandemic has disrupted the delivery of hands-on training at ENSOSP. The consortium are monitoring the situation and propose to revise the training schedule to reflect this impact.

Where local rather than wider recognition of the training is in place steps will be taken to communicate with the relevant organisations. While it is feasible to deliver the national workshops without trainers attending ENSOSP, it would be preferable to facilitate this.

11. Conclusion

The deliverable describes the plan for National Training Workshops in 10 European countries through 2022. The fire and rescue instructor prerequisites, recognition of the national training programme, train the trainer programme, and the location and timing of the National Training workshops are summarised.

Full details on the Delivery of the National training workshops will be reported upon in D4.3.