

# HyResponder

## Project Overview

SAB folder



# Hy Responder Introduction

- European Hydrogen Train the Trainer Programme for Responders
- 3 year project, funded by FCH JU (Jan 20 – Dec 22)
- 16 Partners from 10 European countries (with wider input)
- *Scope for those outside the project to get involved through national clusters, and the ePlatform*
- Builds on HyResponse (2013-2016: <http://www.hyresponse.eu/>)



**Develop and implement a sustainable trainer the trainer programme in hydrogen safety for responders throughout Europe,**  
*supporting the commercialisation of FCH technologies by informing the participation of responders in the initial permitting process, improving resilience and preparedness through enhanced emergency planning, and ensuring appropriate accident management and recovery.*

# Hy Responder Objectives (1/3)

Using HyResponse as a basis:

1. Identify intervention strategies and tactics for Liquefied Hydrogen (LH<sub>2</sub>) applications, and reflect these in teaching activities.
2. Develop clear, updated, operational, virtual reality, and educational training for trainers of responders to reflect the state-of-the-art in hydrogen safety.
3. Establish a Pan-European Network of Responder Trainers with members from at least 10 EU countries. **(this can be wider)**
4. Train trainers from at least 10 European Countries in hydrogen safety pertinent to responders

# Hy Responder Objectives (2/3)

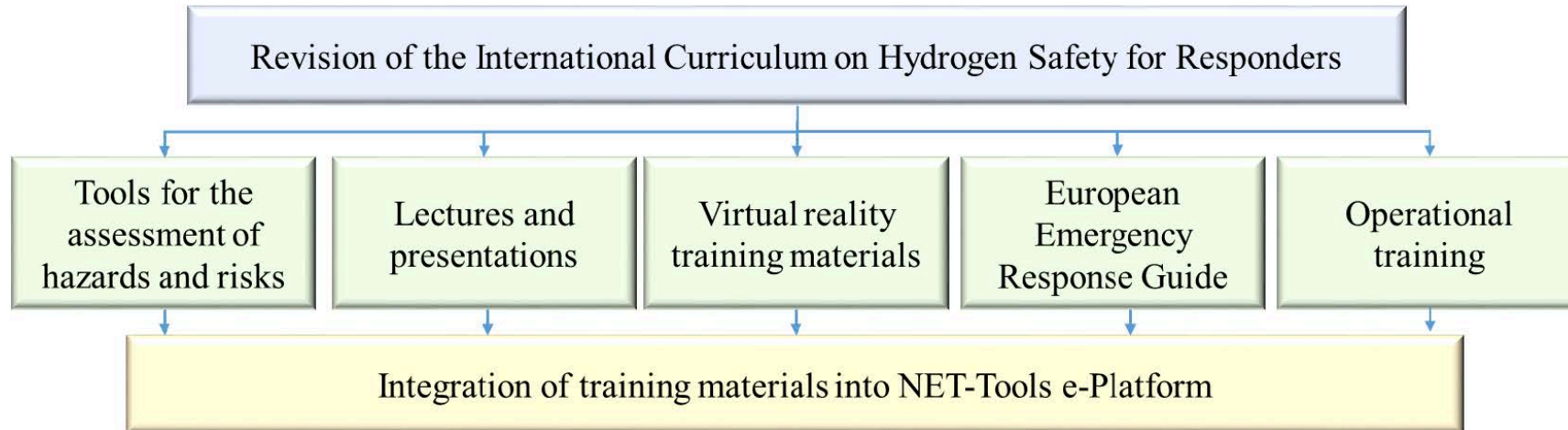
5. Reflect national specificities in teaching materials and make available in 8 languages. *(Czech, Dutch, English, French, German, Italian, Norwegian, and Spanish)*
6. Support newly trained trainers to **deliver regional workshops** for responders in at least 10 countries
7. Underpin the safe deployment of FCH technologies and infrastructure through the provision of **hydrogen safety specific training for responders,**
8. Enhance emergency planning and preparedness relating to hydrogen technologies and infrastructure, and reduce the risk of related incidents or accidents through the training of trainers and responders

# Hy Responder Objectives (3/3)

9. Ensure sustainability of the training programme through the availability of translated materials on an **educational platform**
10. Update the European Emergency Response Guide, previously developed within the HyResponse to reflect advancements in the state-of the art
11. **Establish, an International Forum of Responders in Hydrogen Safety Training, incorporating members of the European Network, and International Stakeholders.**

# Hy Responder Teaching materials (ongoing)

Currently updating teaching materials for June 2021 training



# Hy Responder National networks

Austria



Belgium



Czech Republic



France (2)



Germany



Italy



Norway



Spain



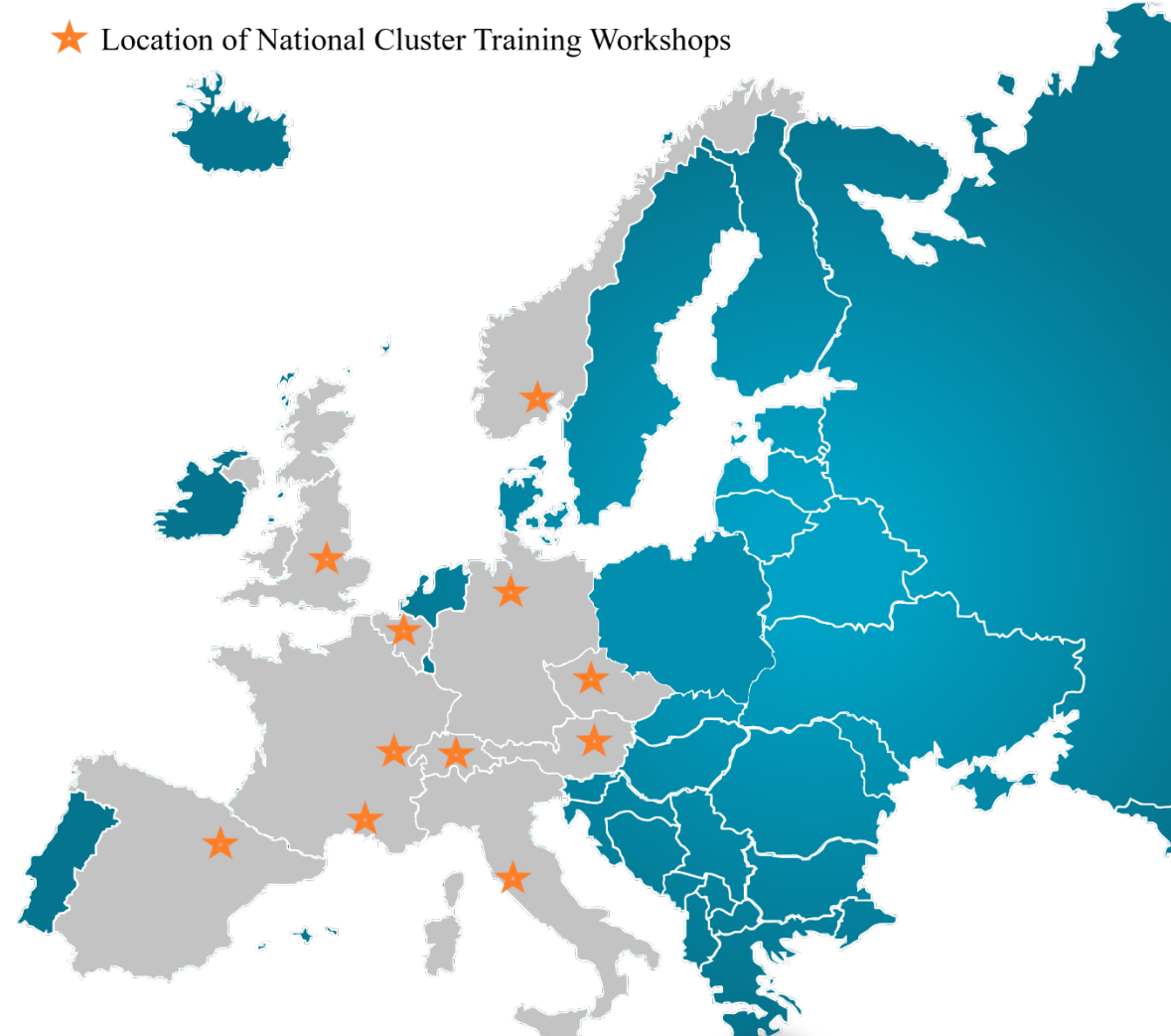
Switzerland



United Kingdom



★ Location of National Cluster Training Workshops



Supporting across



# Hy Responder Get involved

- National networks
  - national workshops will run June 2021 – Sept 2022
- Wider stakeholder involvement
- ePlatform
- <https://hyresponder.eu/>
- [Sl.brennan@ulster.ac.uk](mailto:Sl.brennan@ulster.ac.uk)

# Hy Responder

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