



# A HARMONISED CBRN TRAINING CURRICULUM FOR FIRST RESPONDERS AND MEDICAL STAFF

*Stakeholder validation of the improved curriculum*

ISFP-AG- PROTECT Under Grant N°: 814803 DG Migration and Home Affairs

Svenja Stöven

European CBRNE Centre, Umeå University, Sweden

# Objectives and expected outputs



## Objectives

- To evaluate the entire curriculum including the training material and the Trainer Guide with the intended target group.
- To organize pilot courses in national language in four countries.



## Outputs

- Expert observations and recommendations for final adjustments
- Final validation
- Dissemination to CBRN instructors
- Support for implementation at national level

# Aspects of validation

Sources of validity evidence	Validation aspect
Evidence based on course content and internal structure	How well does the curriculum meet the needs of the different end-users in the different countries? How well does the relation between the different modules contribute to reaching the learning objectives?
Evidence based on response process	Does the training provide the trainees with suitable knowledge and skills to handle CBRN incidents?
Evidence based on consequences and relation to other variables	How does the curriculum compare and add to (similar) existing training? What would be the consequences of implementing the curriculum (in the national training schemes)?

# MELODY stakeholders



Dispatch

(Military) Police

Fire & Rescue (Civil Protection)

Ambulance

Emergency room

General practitioner

- Operational personnel with no/little prior CBRN knowledge
- Their instructors
- Leadership with responsibility for vocational training on (sub-) national level
- Decision makers

# Set-up of validation events



## Validation tools

- Observation protocol for expert **evaluators**
- Group interview with expert evaluators
- Interview with **trainer(s)**
- Group interview with **trainees**



## Participants

- Expert evaluators with national level responsibility for vocational (CBRN) training
- Experienced trainers
- “CBRN-naïve” first responders and first receivers (6 disciplines)

# Validation events, cont'd

Module	Self-study [all disciplines]	Day 1 on-site [all disciplines]	Day 2 on-site [all disciplines]	Day 3 on-site [all disciplines]		
CBRN Terminology & Basics, topics 1.1-2.5	1.1 – 2.5 eLearning (open for one week)					
First alert, topics 4.1-4.2		4.1 - 4.2 (1 h)				
Risk assessment & hazard avoidance, topics 5.1-5.8		5.1 - 5.6 (6 h)	5.7 - 5.8 (2,5 h)			
Interagency cooperation, topics 7.1-7.2			7.1 – 7.2 (4,5 h)			
CBRN Extras, topics 3.1-3.2				3.1 – 3.2 (2,5 h)		
Task-specific response, topics 6.1-6.3				6.1 (1,5 h) [dispatch]	6.2 (1,5 h) [fire&rescue]	6.3 <b>(2,5 h)</b> [medical]

# Locations

## The Netherlands



## Finland



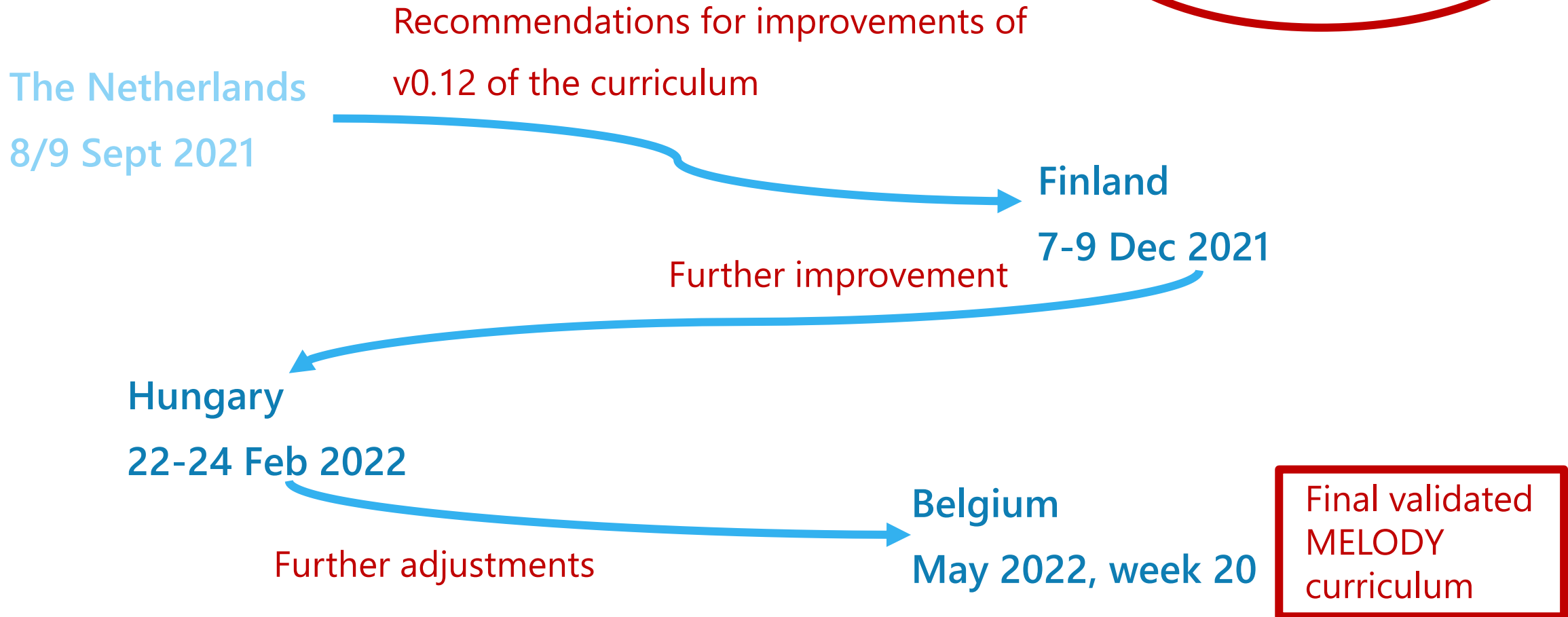
## Belgium



## Hungary



# Time plan







Thank you  
Questions?