18<sup>th</sup> ENETOSH Steering Committee Meeting · 4th of June 2024 · Zagreb Riding the wave of sustainability Integrating OSH into education Andrea Bikfalvi & Núria Mancebo Universitat de Girona

# **PRESENTERS**

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# TABLE OF CONTENTS

**01** The project

03

Presentation of the project

Tensions & Solutions

Presentation of lessons learned

02 Key findings

Presentation of main achievements

04 Some recommendations

Takeaways for the future work of ENETOSH

# O1 The project

Presentation of the project Mind Safety – Safety Matters!



# The goal

Priority 1: promotion of teachers' active involvement and active participation in their own training to test, experiment, develop and implement methodologies and tools in schools



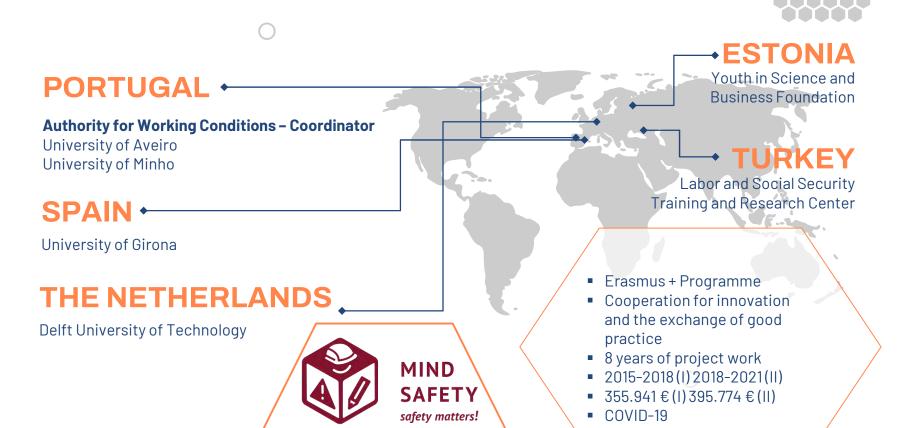
Priority 2: creation of a shared space for professionals and educators from various countries, by sustaining training, discussion, exchange of innovative practices and free access to teaching/learning materials for safety and health at work

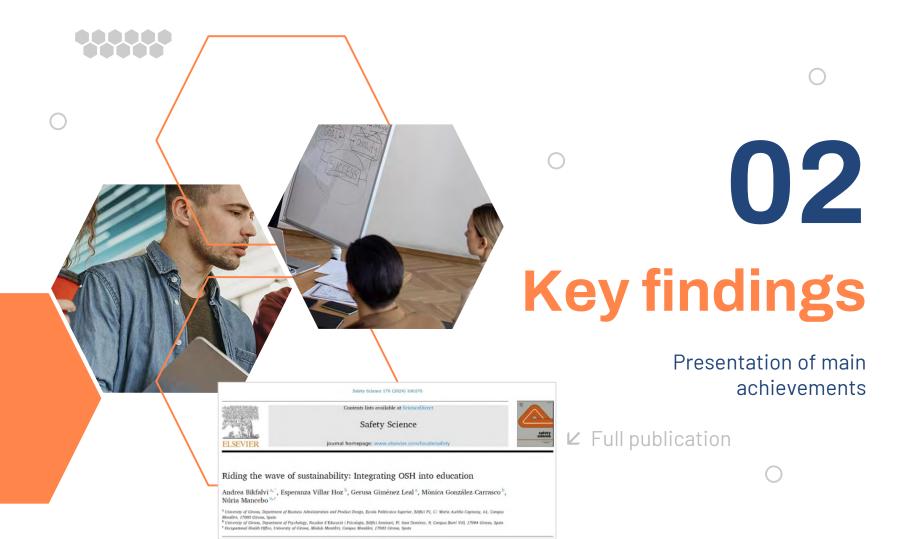
Priority 3: applying inclusive approaches and IT resources, by creating inclusive materials for vulnerable/minority groups

A pan-European project aiming to improve and innovate methods of teaching safety and health issues in the classroom and preparing young people to work in safe conditions, living and learning to be responsible citizens after leaving school.



# The project





# 2 Key solutions



# **Community of practice (CoP)**

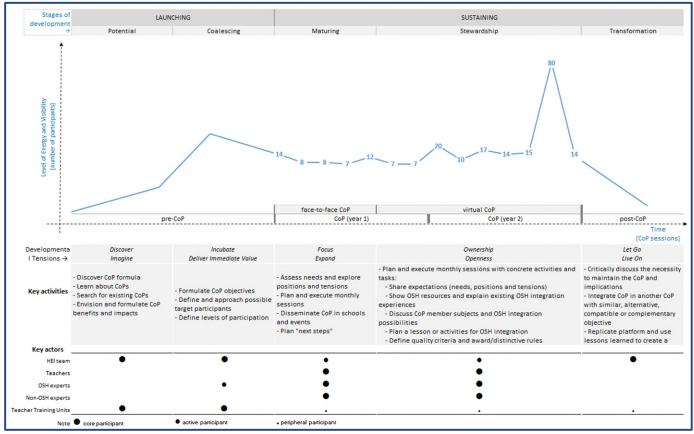
CoP are groupings of practitioners who share a common interest in a particular domain and who interact on a regular basis to learn and improve their practice (Nicolini et al., 2022; Wenger-Trayner & Wenger-Trayner, 2015).

A platform to share experiences

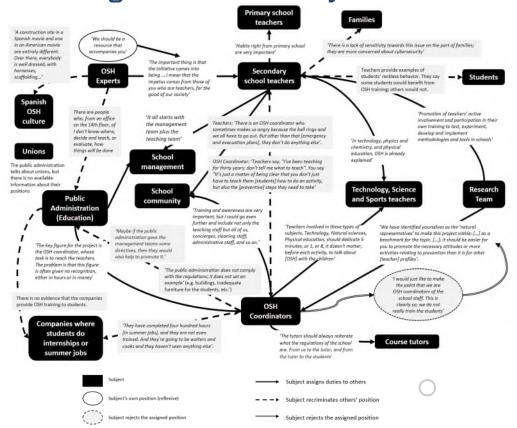
(i) WHAT: teaching experiences; (ii) WHO: CoP; (iii) SCOPE: Highlight for OSH education; (iv) WHAT FOR: Sharing experiences; and (v) HOW: Teachers to teachers



# Stages of development of the CoP



# Distribution of stakeholder positions with respect to OSH integration in secondary education





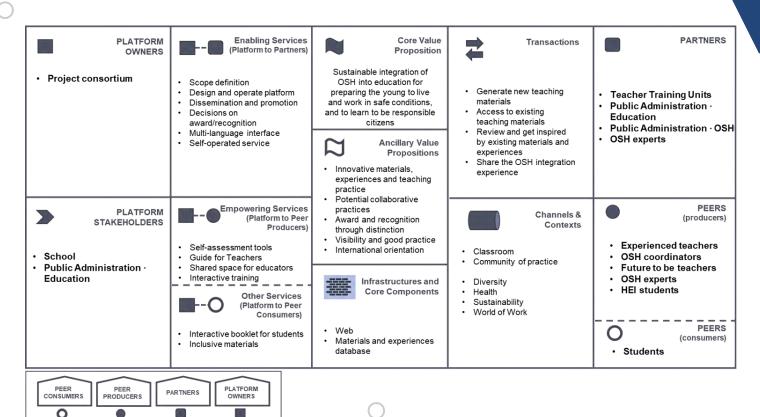
**Highlight:** There are people who, from an office on the 14<sup>th</sup> floor of I don't know where, decide and teach, or evaluate, how things should be done.

But things are very complicated, and those who really know the complications are the ones who are on the job, and in this case, it is the **teachers**, who must not only be ideologues on this issue but also **soldiers**.

The teaching staff is the **Trojan horse** that must bring the OSH topic to the school and to the classroom.

The school, via the teachers, must train free citizens who will be workers, who -if they integrate attitudes and values of safety and health in school-will be the **best future** of safety and health in companies, the world of work, and society in general.

#### Minimum viable platform for OSH integration into education

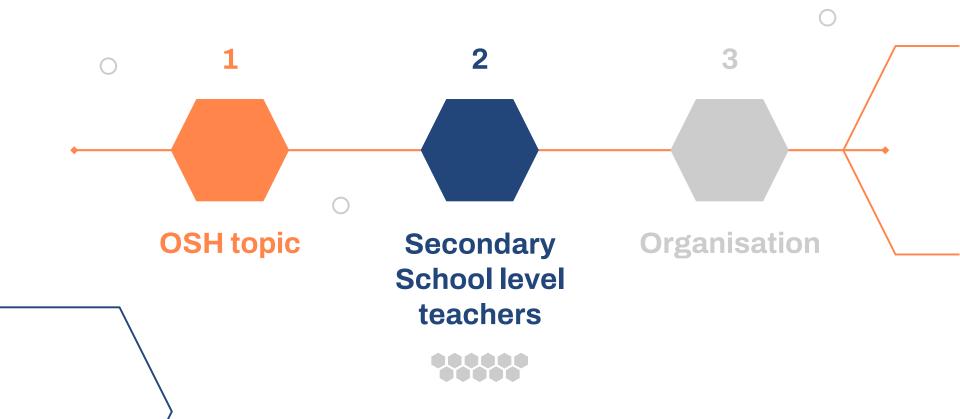


# 03 Tensions & solutions

Lessons learned



# Sources of controversy



# **OSH** topic





Unattractive theme

Complex concept (strong regulatory and legal component)

Little previous experience of the teaching staff in the subject

Topic not prioritized by the center, Dept. of Education (other trendier topics)

Topic with specific needs: Software / Equipment

New and specific materials on the subject

Related to work (apparent mismatch with school)

Start integration with a basic topic that is <u>easy to understand</u>, <u>easy to prepare</u> and applies in <u>various contexts</u>(home, school, work)

Some examples: first aid, overload and effort

Use <u>gamification</u> to reduce complexity and increase the level of interest in and attraction of the topic (among both students and teachers)

Use a (secret) mission approach and work towards the theme

Access free, online training

Focus on Safety and Health (instead of OSH at work)

Focus of the OSH in the global health framework

Take part in <u>projects</u>, connect with experts

Connect OSH with <u>current issues</u> (sustainability, SDG, etc.)

# Secondary School level teachers Problems Possible solutions

Lack of motivation and general fatigue Heavy workload and other obligations

Treaty Workload and ether obligation

Resistance to using new tools

Diverse and complex classroom to manage (other priorities)

The profile of the target (teenager, target with low-risk perception)

Little autonomy to decide and apply changes and innovations

The usual subject to be taught (the power of "It's always been done this way")

The need for coordination with other teachers

Lack of resources and capabilities (of teachers)

Adapt <u>existing materials</u> (from expert organizations and reference institutions in the field) that are available and in open access

Explore the potential of <u>existing tools</u> or look for freeware solutions

Look for inspiration in <u>similar experiences and references</u>

Create and work in <u>small groups of teachers</u> who are motivated by the topic

Work in a <u>cross-cutting manner</u> (different subjects, different departments)

Apply a <u>competitive approach</u> (a competitive spirit engages the community)

Use the topic to make a <u>teaching project</u>, <u>professional promotion project</u>(job

application), innovative project, initial teacher training project

Create experiences that turn into outputs that motivate teachers (publications,

books, experience in specialized conferences)

# **Organisation**



# Possible solutions

Unpredictability in teaching assignments

The usual teacher workload and responsibilities

Prioritization of center projects

Lack of recognition of innovation in the classroom

Disconnection with the previous cycle (expectation

that the subject has been covered in the previous cycle

(primary education)

Lack of resources and capacities (of schools)

Create <u>funding lines and incentives</u> for teachers and schools

Create spaces and give time (teaching duty reduction) to teachers to encourage participation in the initiative

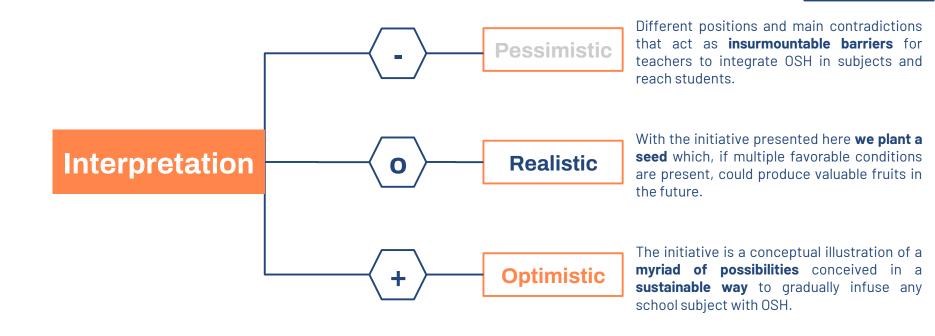
<u>Visualize and reward</u> the activity of the teaching staff and the center by creating

a badge (School Mind Safety -Safety Matters)

Create a network of centers or explore existing networks to introduce the OSH

theme

## **Our results**





04

**Recommendations** 

Takeaways for the future work of ENETOSH



#### How can we integrate OSH into education in a sustainable way?





#### Consensus



#### Safety and Health vs. **Health promotion**





#### Roadmap

#### Step by step

- How to reach/involve stakeholders (who are the main stakeholders and how they relate to OSH teaching/training of teachers in secondary school, students aged 12-18)
- **9** How to raise awareness on the importance of teaching OSH?
- 6 Motivate to take action
- **4** Train OSH expertise
- 6 (Co)create materials with teachers and other stakeholders
- 6 Validate materials
- Implement validated materials
- **3** Evaluate the experience
- **O** Improve materials
- **O** Share and disseminate the experience

#### **BEFORE** Networking

Motivation

Materials for teacher training

> Materials for students

#### **AFTER**

Validation Implementation Dissemination

conditions that innovative OSH learning activities should comply with to be valid.

Checklist of

These conditions were that the activity is developed in the framework of a subject, the activity is related to safety, the activity involves students and the activity involves teaching staff.

#### Promoting cycling to school is promoting health.

Promoting the use of a helmet or gloves, or havina a wellequipped and correctly identifiable bicycle, is promoting safety and health.

#### **Diffusion of innovation**

Type of innovation decision Optional Collective Authority

Perceived attributes of innovation Relative advantage Compatibility Complexity Trialability Observability

Communication channels Mass media Interpersonal Interpersonal

Nature of the social system Norms Network

Extent of change agents' promotion efforts

Rate of adoption of innovations



"A society grows great when old men plant trees in whose shade they shall never sit"

- Greek PROVERB







# THANKS!

Do you have any questions?

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# **Acknowledgements and References**

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#### References

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