



PEROSH

PARTNERSHIP for **EUROPEAN** **RESEARCH** in **OCCUPATIONAL** **SAFETY** and **HEALTH**



SPEAKER

Speaker

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Today



ABOUT PEROSH | HISTORY

Main activities of the partnership

- Pool resources and create knowledge (joint research projects)
- Disseminate new findings on OSH issues
- Provide evidence base to national and EU level policies
- Identify OSH research challenges



Organisation



Achieved Impact (1)



300

joint PEROSH
publications
(articles, reports, PPT)



6

Successful **Wellbeing**
at **Work conferences**
reaching out to **>1000**
participants worldwide



6

Successful **PEROSH**
Research Conferences
attended by **>400**
researchers across Europe



NECID database
on exposure to
manufactured
nano particles



2

methodology
guidelines on
measuring **physical**
activity and **workload**



Award winning
publication
in '**Applied**
Ergonomics'
(2017)

Achieved Impact (2)



Founding fathers
of Vision Zero
approach in OSH



Successful advocacy
of more attention for
work and health in EU
research programs



Horizon

Europe

Successful
research proposals



15

member institutes
all considered as
national players



14

represented
European
countries



>2500

researchers
being collected



Considered
strong OSH
regional
network by
ILO in **2018**

ALMA-AI: Algorithmic Management & Artificial Intelligence in the Workplace

- A PEROSH Joint Research Initiative (2024–ongoing)
- **Key Objectives:**
 - Investigate how AI-based systems are reshaping work organisation.
 - Assess psychosocial risks and Occupational Safety and Health (OSH) implications.
 - Provide evidence-based recommendations for safer and fairer workplaces.
- **Research Phases:**
- **Phase 1 (2024):**
 - Scoping review of literature on AI and OSH.
 - Statistical analysis of existing EU datasets (EU-OSHA, JRC).
- **Phase 2 (2025):**
 - Qualitative studies and stakeholder engagement.
 - Dissemination aligned with EU-OSHA's digitalisation campaign.
- **Consortium Members:**
INSST (Spain), AUVA (Austria), CIOP-PIB (Poland), FIOH (Finland), INAIL (Italy), INRS (France), STAMI (Norway), TNO (Netherlands).



Algorithmic Management: Risks, Opportunities & OSH Impact

- **Psychosocial Risk Factors Identified:**
 - Increased time pressure and workload.
 - Reduced autonomy and social interaction.
 - Surveillance and performance monitoring.
- **OSH Implications:**
 - Mental health strain and stress-related disorders.
 - Need for human oversight and ethical safeguards.
- **Recommendations:**
 - **Transparency:** Workers must understand how algorithms affect them.
 - **Participation:** Employees should help shape AI use.
 - **Oversight:** Human managers must remain involved.
 - **Regulation:** Align with EU AI Act to protect worker rights.
- **Final Thought:**

Technology should serve people—not replace their dignity or well-being.



PEROSH Asbestos Collaborative Network – Overview

- **Purpose & Goals**

- Harmonise asbestos workplace exposure assessment across Europe.
- Develop comparable methods for sampling, analysis, and data collection.
- Enable sharing of exposure measurement results at EU level.
- Support implementation of effective risk management measures.

- **Network Composition**

- Includes major OSH institutes: AUVA (Austria), BAuA & IFA (Germany), FIOH (Finland), HSE (UK), INAIL (Italy), INRS (France), INSST (Spain), NFA (Denmark), STAMI (Norway), TNO (Netherlands), CIOP-PIB (Poland), and new member ELINYAE (Greece).



Key Achievements So Far

- **Strategic Contributions**

- Input to EU Directive on Asbestos at Work and DG EMPL guidelines.
- Draft guidance on AI use for asbestos analysis (collaboration with BAuA, IFA, NFA, HSE, TNO).
- Development of harmonised exposure assessment framework.

- **Dissemination & Engagement**

- Presentations at *Asbestonomy 2024* (Madrid) and EC conference on Directive challenges.
- News items and draft scientific paper prepared for publication.
- Active workshops and webinars, including March 2024 Buxton meeting hosted by HSE.

- **Impact**

- Strengthened European collaboration on asbestos safety.
- Enhanced scientific exchange and policy influence at EU level.



PEROSH New Joint Research Project: Working Conditions of Labour Inspectors

- **Objective:**
To conduct a **transnational, exploratory analysis** of the **working conditions** and **technology use** within European Labour Inspectorates, aiming to inform future OSH strategies and policy development.
- **Key Components:**
 - **Quantitative Survey:** A shared questionnaire distributed across multiple countries in national languages.
 - **Expert Panel & Delphi Survey:** To project findings into future scenarios shaped by technological developments.
 - **Comparative Analysis:** Cross-national comparison of digitisation levels and inspectorate practices.
 - **Outputs:** Scientific publications, joint conference presentations, and policy recommendations.
- **Why PEROSH?**
The PEROSH network enables access to hard-to-reach target groups, supports mutual learning, and ensures broad dissemination across European OSH systems.
- **Confirmed Partners:**
IFA, AUVA, STAMI, with further participation encouraged.

