



Toolkits for hazard identification, risk assessment and prevention of work-related musculoskeletal disorders based on a collaborative platform (**TIAM**)

Lead participant:
Technical University of Catalonia



**UNIVERSITAT POLITÈCNICA
DE CATALUNYA**
BARCELONATECH

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**INNOVATION
4 WELFARE**
TIAM



European Union
European Regional Development Fund



Background of the **Innovation 4 Welfare initiative**

Across Europe, economic and demographic developments pose new challenges in health related issues: a general tendency to prioritise on health and safety, the strong increase in welfare-related diseases and the increased need for (home) care for the ageing population are causing health care costs to increase rapidly. Innovative solutions are necessary to meet these challenges and to avoid health care becoming unaffordable.

Innovation 4 Welfare brings together policymakers, knowledge providers, economic and social intermediaries and health institutions, implementing projects and policies across six regions. These stakeholders will share, exchange, transfer and implement good practices and will renew the regional policy agenda's. By means of interregional cooperation, Innovation 4 Welfare builds new coalitions of economic and social actors. In that way I4W will become a European generator for new solutions promoting health and welfare.

TIAM - Toolkits for hazard identification, risk assessment and prevention of work-related musculoskeletal disorders based on a collaborative platform

The TIAM project aims to develop a toolkit to prevent work-related musculoskeletal disorders (WMSDs). The toolkit will contain guidelines, information on processes, checklists and templates for the purpose of hazard identification and risk assessment of WMSDs and injuries.



European Union
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INTERREG IVC

INNOVATION & ENVIRONMENT
REGIONS OF EUROPE SHARING SOLUTIONS



Main objectives

- To collate existing tools and methods, successful experiences, innovations and good practices of ergonomic interventions
- To improve tools and methods, guidelines, checklists and templates for hazard identification and risk assessment by adapting and applying them to new applications
- To develop toolkits based on a collaborative platform for hazard identification and risk assessment for WMSDs and injury prevention
- To disseminate improved toolkits through a special website in order to promote best practices in WMSDs and injury prevention
- To produce a report with recommendations for local and regional authorities on how to stimulate good practices in WMSDs prevention

Activity

A WMSDs toolkit will be developed with - besides tools and methods - guidelines, an overview of processes, checklists and templates for the purpose of hazard identification and risk assessment of WMSDs and injuries. Combined with the toolkit guidelines, the use of templates will ensure that a procedure is complete and that key activities in the process are completed correctly. Good practices and successful experiences and innovations in WMSDs prevention will be collated and uploaded onto a website for sharing knowledge and promoting good practices in WMSDs prevention.

Lead participant

- Technical University of Catalonia (CERPIE) – Catalonia (ES)

Participants

- Foundation IRCCS “Major Hospital” Policlinico Mangiagalli Regina Elena – Lombardy (I)
- University of West Bohemia (New technologies – Research Centre) – South West Bohemia (CZ)
- Technology Center PERG – Upper Austria (A)
- University of Tallinn (Department of Work Environment and Safety/ Institute of Business Administration, Faculty of Economics/Laboratory of Ergonomics) – Tartu (EST)

Contact

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