

Partners



Project Information

Project title: SKILLSAFE EU - Skills Enhancement for Safe Handling of Highly Flammable Refrigerants in the EU

Project duration: 01/07/2024 - 30/06/2027

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**Skills Enhancement for Safe
Handling of Highly Flammable
Refrigerants in the EU**



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European context

Europe is rapidly adopting heat pumps for a greener future, but safety concerns are growing. While **R290 offers environmental benefits, its flammability demands strict installation protocols.**

Unfortunately, current safety standards are inconsistent and often insufficient, putting installers and homeowners at risk.

To ensure a safe heat pump revolution, we **need unified European safety regulations and comprehensive guidelines** for the entire product lifecycle.

the total number
of heat pumps
installed now in
Europe



Project intervention

SKILLSAFE EU is responding to this critical need. Our project aims to develop a **comprehensive, industry-wide guideline** for the safe design, storage, transport, installation, inspection, maintenance, servicing and disposal of R290-based monobloc heat pumps for residential use.

The project will **create a robust framework to upskill installers and safeguard our communities.**

Project objective & methodology

The overall objective of the SKILLSAFE EU project is to adopt a **holistic approach** at the European level in the fragmented area of guidelines and instructions on the handling of heat pump deployment.

This will be done by **meeting the needs of higher safety and knowledge and skills for the propane heat pump installers** through development of unified European Installation Guidelines and integrated approach to training and certification of the installers.

The methodology to achieve the SKILLSAFE EU project objectives follows these steps:

- 1** Data and information collection followed by the evaluation, conclusions and recommendations.
- 2** Development of the unified guidelines based on the recommendations.
- 3** Test 10 Pilots in 5 countries (2 pilots in each country).
- 4** Risk assessment.