



# SKILLSAFE EU

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



4 Partners



3 Years



1.29 M

### 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.**

### SKILLSAFE EU 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, upskilling installers and safeguarding our communities**

### Methodology

#### SKILLSAFE EU methodology 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.



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