

DERRIS in Italy

After the pilot project in Turin from October 2016 to April 2017, which saw the involvement of 30 SMEs, the DERRIS project entered a new phase with the involvement of another 10 local entities. The objective is to enable the highest number of SMEs in Italy to be able to identify the main weather and climate risks to which they are exposed and to define possible actions for managing emergencies and reducing risk exposure. By participating in the DERRIS project, local entities commit to working together with SMEs to reduce risks, minimise the consequences of weather and climate phenomena and increase the security of cities and their residents. DERRIS will make available all **risk assessment, prevention and management instruments** developed during the pilot project carried out in Turin. The SMEs that will participate in the project will receive support and training from the **project experts and will collaborate with the Municipality in defining measures for adaptation to climate change.**

The CRAM tool

The project developed a user-friendly tool that enables SMEs to understand which risks they are exposed to in the event of extreme weather events, and which solutions they could apply within their business to prevent damages. The tool developed during the pilot project carried out in Turin will be further tested in the SMEs involved in the 10 new cities that will choose to participate in the project. For more information:
<http://www.derris.eu/en/risk-assessment/>



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With the contribution of the LIFE financial instrument of the European Community



DERRIS

Climate is changing.
Reduce your risks.

Derris is the first European project that brings together the public administration, businesses, and insurers **to reduce the risks caused by extraordinary weather events.**

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What is DERRIS

Extreme weather events such as **floods, landslides, tornadoes, heat and cold waves** are an increasingly serious risk for Italy.

The damages provoked by these disasters have serious repercussions on the economic stability and growth of the areas impacted.

In Italy, **Small and Medium-Sized Enterprises** do not have adequate **instruments to assess and manage risk and catastrophes**.

The Derris project offers concrete responses to these problems by building a bridge between the public administration, insurers and businesses.

The objective is to **provide SMEs with the instruments they need to assess and reduce their risks**, through a series of actions:

- **Innovative forms of public-private partnerships** between insurers, the public administration, and businesses, to boost **community protection and resilience**;
- **Transfer of knowledge from insurance companies to the Public Administration and SMEs on instruments for reducing risks** linked to climate change;
- **A self-assessment tool to evaluate risk** and adopt prevention and **emergency management** measures;
- **An innovative financial instrument** that makes it possible to move capital dedicated to risk reduction.

Why DERRIS

The problem

/ 1,642,165

businesses in Italy exposed to flood risk

/ €8bn

in damages estimated from 2013 to 2015 for exceptional weather events

/ 90%

of SMEs obliged to suspend production fail within one year.

In 2015, rising temperatures caused an increase in mortality between

15% and 55%



The solution

The aim of the DERRIS project is to increase the resilience of local economic communities and render public policies for adapting to climate change effective, **by providing SMEs with the tools required to reduce risks and manage emergencies**.

The pilot project was carried out in the **city of Turin**, uniting insurers, public administration, and businesses within a public-private partnership model. During the project, a risk self-assessment tool was developed for businesses. The knowledge and instruments generated will be made available to other cities and companies to **define collective measures meant to reduce risk exposure**.

How DERRIS

The actions

- Analysis of industrial areas of each participating municipality
- Preparation and dissemination of the risk self-assessment tool
- Transfer of knowledge to businesses and to the public administration
- Construction of business adaptation plans
- Definition of a district or area level adaptation plan
- Definition of financial instruments for adaptation

Monitoring

- Monitoring of project impacts
- Assessment and replicability of the project
- Network with other European projects

Communications

- Communication and dissemination plan
- DERRIS web platform
- Creation of a community
- Communication tools
- Storytelling and dissemination

