
Rome

26th July 2017



Climate is changing. Reduce your risks.

**STUDY VISIT TO ITALY
FOR BULGARIAN LIFE
PROGRAMME OFFICIALS**



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

LIFE **DERRIS** - DisastEr Risk Reduction InSurance
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Why DERRIS ?

7 millions Italians lives in areas exposed to high floods and landslides risks. In **77% cases** there are homes in areas with high hydrogeological risks, in **29 % cases entire neighbourhoods**, in **51% cases industrial facilities** (Source: Legambiente).

High social and macroeconomic costs: The damage caused by extreme weather events have high impacts on economic stability and growth of the hit areas. Indirect damages are on average 2.5 times higher than direct damages (Source: European Insurance Committee).

90% of SMEs obliged to suspend production fail within one year (Source: AIBA).

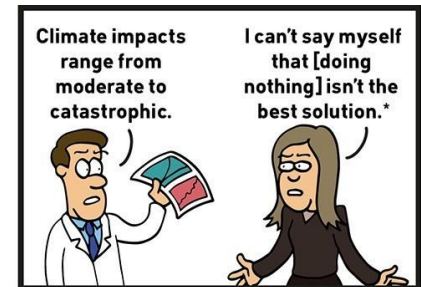
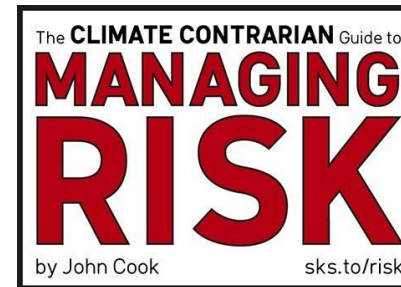
At global level, **Italian SMEs** are among those that **most underestimate impacts** of extreme weather events on their business.



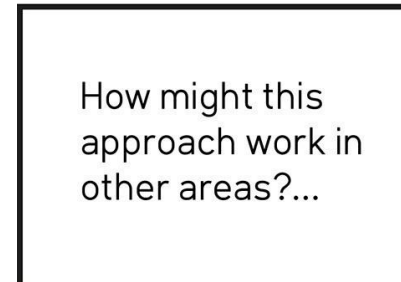
Life DERRIS: Disaster risk reduction insurance

Opportunity to build a multi-stakeholder partnership between the following players:

- **Public institutions** are in charge of managing the territories;
- **Insurers** have specific knowledge and tools on how to prevent, manage and transfer risks;
- **Businesses** need to be protected against the impacts of extreme weather events.



* Actual comment from Judith Curry



DERRIS partners and objectives



DERRIS – DisastEr Risk Reduction InSurance is an EU-funded project under the Life+ programme. It started in September 2015 and will last until September 2018.

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.

DERRIS: CRAM tool 1/2

1 TOOL

to assess climate risks

7 perils



Floods



Rain



Wind



Lightning



Hail



Temperature



Landslides

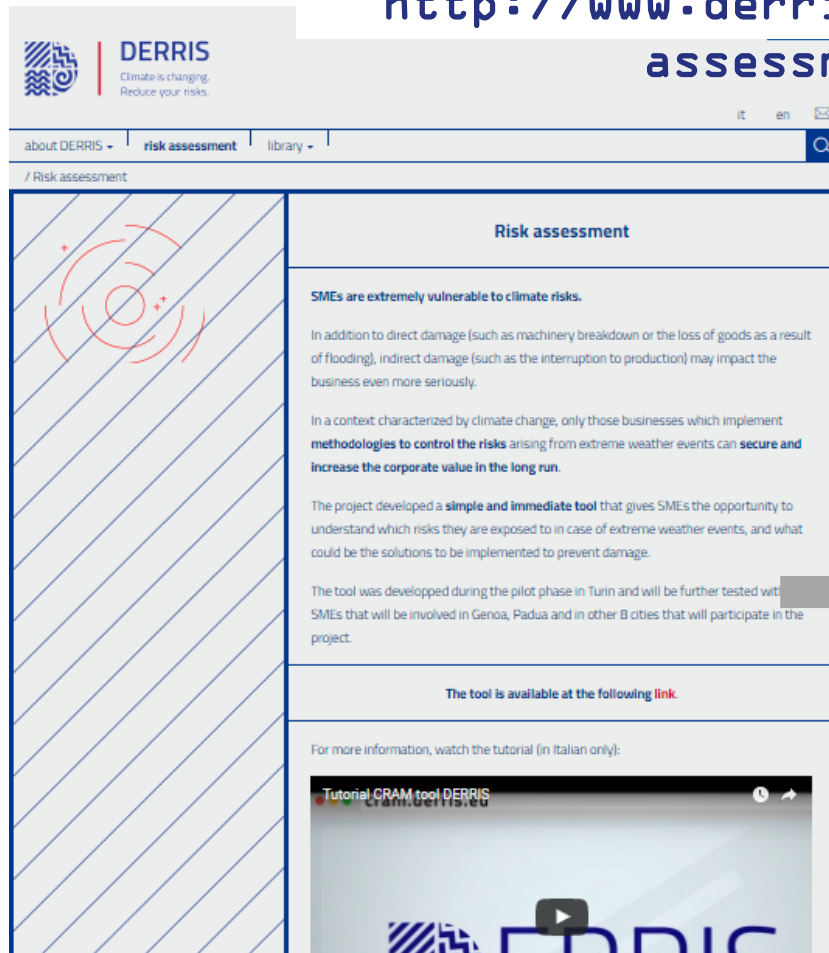
Objective



Increase Italian SMEs awareness on the risks correlated to the impacts of climate change

DERRIS - CRAM tool 2/2

<http://www.derris.eu/en/risk-assessment/>



DERRIS
Climate is changing.
Reduce your risks.

about DERRIS | **risk assessment** | library

/ Risk assessment

Risk assessment

SMEs are extremely vulnerable to climate risks.

In addition to direct damage (such as machinery breakdown or the loss of goods as a result of flooding), indirect damage (such as the interruption to production) may impact the business even more seriously.

In a context characterized by climate change, only those businesses which implement **methodologies to control the risks** arising from extreme weather events can **secure and increase the corporate value in the long run**.

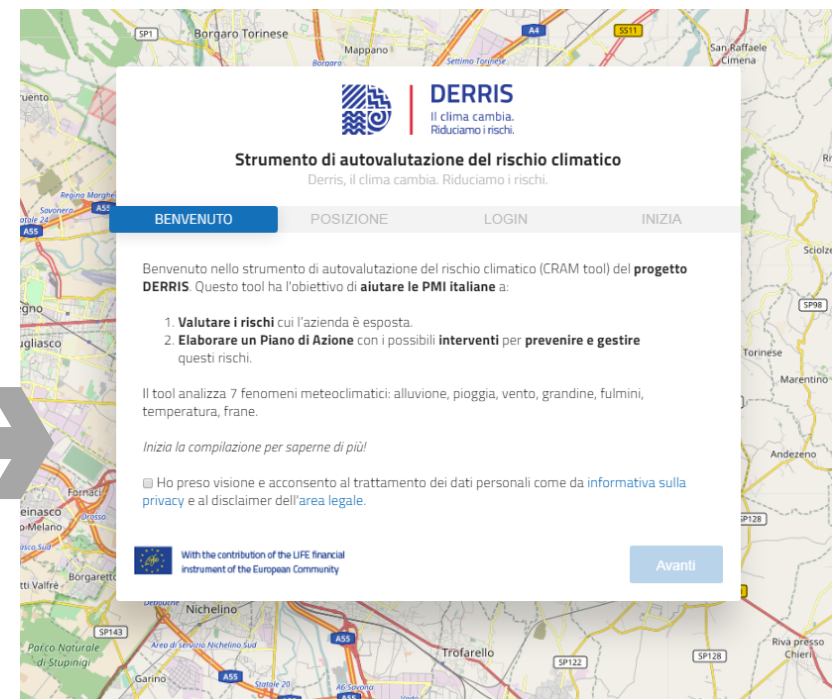
The project developed a **simple and immediate tool** that gives SMEs the opportunity to understand which risks they are exposed to in case of extreme weather events, and what could be the solutions to be implemented to prevent damage.

The tool was developed during the pilot phase in Turin and will be further tested with SMEs that will be involved in Genoa, Padua and in other B cities that will participate in the project.

The tool is available at the following link.

For more information, watch the tutorial (in Italian only):

Tutorial CRAM tool DERRIS
cram.derris.eu



DERRIS
Il clima cambia.
Riduciamo i rischi.

Strumento di autovalutazione del rischio climatico

Derris, il clima cambia. Riduciamo i rischi.

BENVENUTO | POSIZIONE | LOGIN | INIZIA

Benvenuto nello strumento di autovalutazione del rischio climatico (CRAM tool) del **progetto DERRIS**. Questo tool ha l'obiettivo di **aiutare le PMI italiane** a:

- Valutare i rischi** cui l'azienda è esposta.
- Elaborare un Piano di Azione** con i possibili **interventi per prevenire e gestire** questi rischi.

Il tool analizza 7 fenomeni meteoroclimatici: alluvione, pioggia, vento, grandine, fulmini, temperatura, frane.

Inizia la compilazione per saperne di più!

Ho preso visione e acconsento al trattamento dei dati personali come da **informativa sulla privacy** e al disclaimer dell'**area legale**.

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Avanti

DERRIS model

- **KNOW AND ASSESS RISK**
- **MANAGE RISK AND EMERGENCIES**
- **MANAGE RESIDUAL RISK**



CRAM TOOL
DERRIS

COMPANY
ADAPTATION
ACTION PLAN



INCREASE BUSINESSES' RESILIENCE

Essential aspects of climate change resilience



To reduce their vulnerability to climatic risks, SMEs shall analyse, not only their facilities, but also the whole territorial context in which they operate.

Indice di Resilienza

Aspetti gestiti dall'Azienda

- Identificare i rischi climatici e i possibili impatti
 - Identificare le azioni per mettere in sicurezza beni, strutture ed impianti
 - Definire procedure interne di prevenzione e gestione dei rischi climatici
 - Formare i lavoratori e garantirne la sicurezza
 - Valutare le implicazioni finanziarie
 - Aumentare la resilienza del territorio collaborando con le altre aziende e la pubblica amministrazione
 - Garantire la business continuity in caso di emergenza
- Aspetto gestito dall'azienda
 ● Aspetto parzialmente gestito dall'azienda
 ● Aspetto attualmente non gestito dall'azienda

Next steps



30 SMEs
involved

- **Training**
- **Field visits** to assess climate risks

200 SMEs
to be involved

- **Training**
- **Technical support** to draw their action plans



SETTING COMPANIES ADAPTATION ACTION PLANS

TURIN

- **Training** to municipality areas involved in adaptation plan
- **Co-design workshops**

**10 LOCAL
ENTITIES**

replicate DERRIS model



INTEGRATED DISTRICT ADAPTATION PLAN



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