

# Risk and Resilience Analysis

**Description of the tool:**

The goal of the HARMONISE Risk and Resilience Analysis tool is to quantify the risk and resilience level of an urban infrastructure or a group of infrastructures to blast events (terrorism) that are capable of causing catastrophic losses in fatalities, injuries, damage, or business interruption.

The interactive tool provides an indication of infrastructure threat attractiveness rather than the probability of attack.

The primary purpose of the tool is to prioritize the relative risk among a group of buildings but it can also be used to develop building-specific risk information.

**Added value:**

- Easy to use for non-experts
- Holistic resilience approach based on the definition of key indicators.
- Support for the definition of invest prioritization and cost-effective mitigation strategies

**Intended use:** Security services; Blast Engineers and Architects ; Infrastructure operators; Insurance companies for the assessment of the risk

For further information on this tool, or the HARMONISE Project, please contact:

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## A Four Step Process

The user selects a number of relevant criteria related to the infrastructure of interest under several themes to produce an overall resilience or risk rating. There are four steps as follows:

