

Planning and Design Guidelines

Description of the tool:
 The HARMONISE Planning and Design Guidelines tool is an online, interactive knowledge base for built environment professionals seeking to enhance the security and resilience of large scale infrastructure projects – during the planning and design; construction; and management phases.

Added value:
 A number of useful tools and guidance documents have been developed in recent years which seek to address issues around urban security and even resilience specifically. Yet the existence of such tools is often not widely known and building awareness around the availability of such resources is a key area which this tool (and HARMONISE as a project) can contribute to. This tool brings many existing planning and design guidelines together, situating their use within a wider resilience context and promoting their use in an integrated manner.

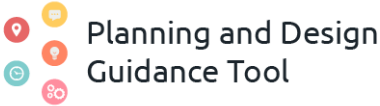
Intended use: Built environment professionals or local urban policy makers.

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

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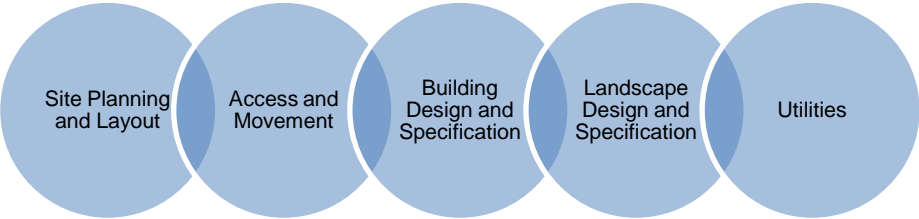


Selecting Guidance Pages

The tool presents end users with a series of guidance pages each containing resilient enhancement measures for the planning, design and construction of large scale urban built infrastructure. End users can ‘search’ the tool using one, or a number of, specific pre-defined categories (such as ‘Threat Type’) and sub criteria (such as Extreme Weather’), as set out below, to receive specific guidance tailored to their individual needs and preferences.

 <p>Threat Type</p> <ul style="list-style-type: none"> - Extreme Weather - Terrorism, Civil Unrest & Crime - Man-Made Accidents 	 <p>Infrastructure Type</p> <ul style="list-style-type: none"> - Public Buildings - Attractions and Entertainment Centres - Commercial Centres - Transportation Nodes
 <p>Resilience Cycle Stage</p> <ul style="list-style-type: none"> - Mitigation - Preparedness - Response - Recovery 	 <p>Development Stage</p> <ul style="list-style-type: none"> - Initial Planning / Concept - Detailed Design - Construction - Retrofit

The search results will be further categorised for the user, according to 5 core themes – as below. This added level of categorisation seeks to guide the user in identifying and selecting the most appropriate guidance for their specific needs.



The guidance pages form a multidisciplinary tapestry of information which aims to help novices to understand and explore the concept of urban resilience, and how it can be practically applied to enhance the security of large scale urban built infrastructure. In addition, it will help the experts to take into account various different viewpoints to urban resilience and familiarise themselves with policies and practices in other European countries and further afield.