

Educational Tool

Description of the tool:
 The Harmonise Educational Tool is a multimedia interface which allows a learner to investigate the urban resilience milieu at their own pace in an easily digestible format. It is designed to interpret the HARMONISE holistic resilience message and to provide intuitive links to the HARMONISE platform and tools.

Added value:
 The Tool fosters understanding of the holistic resilience perspective; raises awareness of the need to understand conflicts and associated trade-offs; raises awareness of available tools and promotes an integrated, holistic approach to the business of urban resilience planning and design for large scale urban built infrastructure.

Intended use: Non-technical stakeholders – such as politicians, concerned citizens and related special interest groupings

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

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Visualising Resilience Challenges

The tool provides typical urban images at the centre of a dashboard type display. The dashboard has both input 'sliders' (such as risk, cost and aesthetic appearance) and risk type (natural or terrorism) and output indicators (such as safety, economic performance and 'net cost'). The tool allows users to experiment between a sharp focus on initial cost and an emphasis on aesthetic design and allows users to see that significant trade – offs exist and that a balanced approach provides the best net cost compromise.



Placeholder text: Lorem ipsum dolor sit amet, consectetur adipiscing elit.



Threat/Risk

2. Moderate Risk

Natural Terrorist

Cost/Aesthetics

3. Aesthetic

The tool provides an opportunity for users to interpret a rich array of relevant security material in an informal, image rich setting. This will allow users to understand the Harmonise 'message' in an intuitive way – opening up the opportunity to guide users to more complex and detailed material at the users own pace. The message is delivered via a number of specific general overview and detailed cutaway images. Hovering over particular areas of images will bring up more images and contextual information – allowing images to interpret the nuances of 'appropriate design'. Clicking on particular areas will provide hotlinks to particular, relevant tools and platform features – such as design guides, cost / benefit assessment and search functionality, to drive use and understanding of those materials in a more flexible, organic and self-guided fashion.