

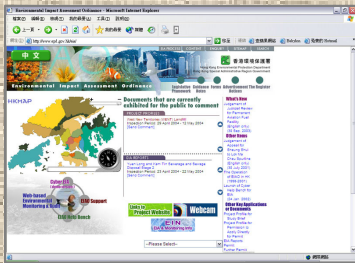


3-Dimensional EIA Public Engagement Tools

**Environmental Protection Department
Environmental Assessment & Noise Division**

The 3D EIA public engagement tools aim at engaging individual citizens in informed discussions on major proposals and facilitating a better understanding of the project and issues through the use of latest 3D digital tools, technologies and multi-media platforms. The tools enable the public to experience the possible future scenarios.

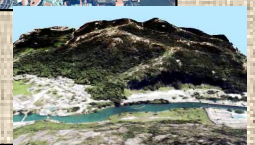
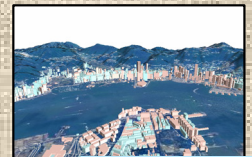
Having understood the project and the environmental issues involved, the public can make use of the 3D EIA public engagement tools to offer suggestions, innovative solutions, alternative options and mitigation measures. Consensus can be developed through this re-iterative information exchange, engagement and informed dialogue process offered by the tools.



Public Engagement & Dialogue:

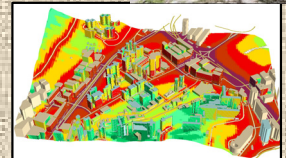
Environmental Impact Assessment Ordinance web-site:
“<http://www.epd.gov.hk/eia/3deia/index.html>”

– a platform containing the 3D EIA Engagement Tools



Baseline Environmental Information and Appreciation of the Projects' Setting:

The baseline environmental condition can be illustrated in a 3D model. Various environmental issues such as ecological important zones or coloured noise contours can be superimposed on the setting or buildings to provide key environmental information of the project to the public.



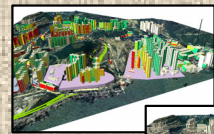
Open Cut Option



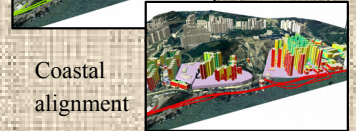
Tunnel Option

Consideration & Generation of Alternatives:

Various options and their environmental performance (e.g. illustrated by noise contours or other coloured or multi-media graphics or images) can be provided in the 3D models, and the public can easily visualize and compare the pros & cons of the options.



Tunnel option



Coastal alignment



Developing Innovative Solutions :

Real-life experiences (e.g. submarine dredging operations) from similar projects can be provided to facilitate the Continuous Public Involvement process.



Developing & Presenting Mitigation Measures:

Mitigation Measures can now be visualized prior to their construction & implementation.



Building Consensus: The development & application of 3D EIA Public Engagement Tools are highly appreciated by both the professionals & the public.