

PROJECT DATA

Hobart Waterfront 3D Modelling

CLIENT	Hobart City Council, Hobart Ports Corporation, Tasmanian State Government
PROJECT LOCATION	Tasmania, Australia
DATE OF PROJECT	2003
SERVICES PROVIDED	3D modelling and animation, Multimedia & Touchscreen Design, Photogrammetry



The State Government of Tasmania, Hobart City Council and Hobart Ports Corporation, set up the Hobart Waterfront Project to develop an Urban Design Framework (UDF) for assessing proposed development

of key sites and public infrastructure along the Hobart waterfront.

Hydro Tasmania Consulting was contracted to create an accurate, photorealistic 3D Model of the waterfront for the purposes of:

- Assisting the analysis of options to develop concepts for the use and activity, movement, urban structure and built form, and infrastructure requirements for the area as a whole and for precincts and sites within this area;
- Demonstrating key concepts as part of the public consultation process; and
- Downstream assessing proposals for the redevelopment of specific sites.

The model was developed using spatial data captured through detailed photogrammetric survey, rectified aerial photography, draft UDF building envelopes, existing building façade photography and architectural plans of buildings currently under construction.

The completed model incorporated draft UDF building envelopes for 15 sites along the waterfront earmarked as likely to be developed in the future. It was then possible to generate a range of visuals to assess the level of landscape change and potential visual impact.

The visual output consisted of video walk, video drive, time-lapse cross fade, stills and panoramic images. Hydro Tasmania Consulting also created a standalone touchscreen application for public display at the Hobart City Council Offices. This incorporated a user-friendly web browser interface to allow easy navigation around the created animations (with voice-overs) and other visuals, making use of an on-screen locality map with hyperlinks to control operation.

LEADERS IN CONSULTABILITY



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