

Towards Best Practice

A New Way of Planning

Integrated Infrastructure Planning Tool (IIPT)



OVERVIEW

The Integrated Infrastructure Planning Tool (IIPT) is a Geographical Information System (GIS) based decision support tool that objectively analyses infrastructure costs, transport and land use planning considerations for the entire Lower Hunter region.

The Hunter Development Corporation (HDC), with the support of the NSW Government Hunter Infrastructure Investment Fund (HIIF), has developed the IIPT in collaboration with the following public and private sector organisations; Hunter Water Corporation, Ausgrid, Office of Environment and Heritage, Transport NSW and consultants GHD and Ecological Australia.

HDC, through the Place Leaders Association (PLA) network, has collaborated with Buildmedia to develop a computer visualisation suite to explain and demonstrate the technical capabilities and functionality of the IIPT to a wider audience.

KEY AREAS OF INTEREST

This tool has been developed to address a need identified by the HDC to better integrate infrastructure planning and ecological assessment with land use planning at a regional scale in order to promote economic development and sustainable growth. The tool will be invaluable in laying the foundations required to create welcoming places that can support, sustain and inspire present and future communities of residents, workers and visitors.

INNOVATION / KEY LEARNINGS

In an increasingly constrained fiscal and legislative environment, and in the absence of a holistic infrastructure sequencing and staging plan for the region, this tool has the potential to assist agencies, and government generally, to identify “bang for your buck” infrastructure investment.

CONTACT DETAILS

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KEY STATISTICS / OUTCOMES

The next goal is to establish a discounted cash flow feasibility model that could assist to guide the formulation of regional land use strategies, infrastructure plans, and environmental conservation plans.

