Vision Illawarra

A dynamic land-use planning tool.

Recognising the need for more integrated approaches to local and regional planning, SMART is developing Vision Illawarra, a web-based regional dashboard, created to enable evidence-based planning and integrated development across the Illawarra.

The online dashboard is a next-generation model that aims to provide a more transparent and dynamic vision of how the social and economic fabric of the Illawarra could look in the future.

The first of its kind in Australia, Vision Illawarra combines:

1. A comprehensive data warehouse of recent economic, demographic, transport and land use figures, as well as the evolution of utility usage over the last ten years (water, electricity, wastewater and solid waste). This data warehouse is regularly updated, allowing for robust bench marking and spatial analyses. Most of this information is available through the public section of Vision Illawarra.

2. A state-of-the-art regional growth model developed with the Geonamica Platform (RIKS, Netherlands). Stepping away from traditional trend analysis, this model integrates demographic, economic, land use and transport dynamics as endogenous processes, allowing for more realistic projections. Modelling outputs from various regional scenarios are available in the licensed private section of Vision Illawarra.

Vision Illawarra stems from a regional initiative bringing together data providers (Sydney Water, Endeavour Energy, Remondis), tool developers (SMART, RIKS) and information users (NSW Planning, Local Councils) within a Steering Committee that examines data privacy or security issues, and proposes new regional scenarios to be modelled.

Vision Illawarra is not only an innovative planning tool but also a vehicle to bring together regional resources through mutualisation of relevant expertise, existing data and available funding. Vision Illawarra will enable all registered users to create or access integrated modelling scenarios in order to examine social, economic, environmental and demographic impacts of regional development opportunities.

Contact us for more information

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