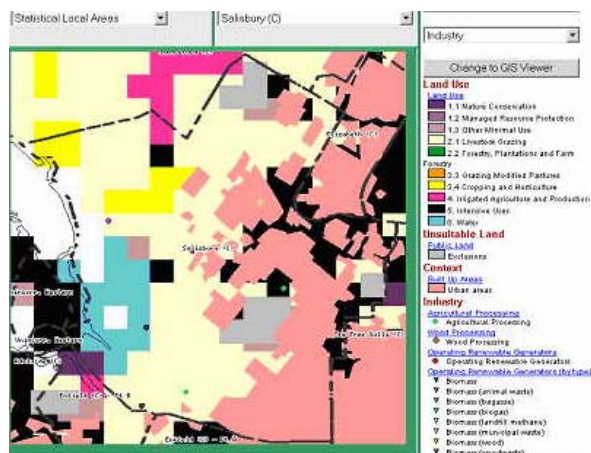


# PROJECT DATA

<b>CLIENT</b>	City of Salisbury
<b>PROJECT LOCATION</b>	South Australia
<b>DATE OF PROJECT</b>	2005
<b>SERVICES PROVIDED</b>	<ul style="list-style-type: none"><li>• Analysis of renewable energy options</li></ul>



The City of Salisbury is participating in the Cities for Climate Protection Program (CCP), and aimed to develop a strategic agenda for reducing global warming and air pollution emissions. Under Milestone 3 of the CCP, cities developed a strategy to reduce local greenhouse emissions, and establish a Local Action Plan. Generating energy from local renewable resources can be a strong mitigation tactic, and one that was considered by the City of Salisbury.

Hydro Tasmania Consulting was engaged to undertake a broad based investigation of

- the availability of local renewable energy resources including wind, solar, biomass, hydropower, wave, tidal and geothermal, and
- the relevant technologies and approximate costs of utilising those renewable energy resources.

Using a combination of sophisticated GIS and computer-based tools, market intelligence, empirical research, and recent project experience, Hydro Tasmania Consulting was able to identify several viable opportunities for both the City and the local community. These included large-scale wind and biomass opportunities, and in particular identified the potential to utilise bio-diesel in City vehicles from locally produced biomass resources.

The options were evaluated on a balanced basis including environmental impact, technical viability, and economic viability.

