Case Study

Invest in Victorian Agriculture

The Invest in Victorian Agriculture web site was built to support the growth of Victoria's agri-food sector. The web site provides detailed information to support the growth of Victoria's Dairy, Livestock, Grains, and other industry sectors as well as ten Victorian regions and a Victorian overview.

The web site was developed by Spatial Vision for Agriculture Victoria. The web site was built on a configurable framework allowing content to be easily added and updated.

A key feature of the web site is the interactive map. Built using open source software and open standards, it features more than 100 map layers including agricultural statistics, industry activity and supporting built and natural assets. Like the main web site, the interactive map is easily configured to add new map layers, including any externally accessible layers available via standard map services.

> "Our project team and stakeholders are really pleased with how the website and map has turned out. It looks great, functions well, and has drawn praise ranging from front line staff up to our executive. Feedback includes: "the website and these documents look terrific and will be a really useful resource for a range of forums."

Peter Parbery
Manager, Social Research Team, Agriculture Industry Rural Transition, DEDJTR

Customer Profile
www.agriculture.vic.gov.au

Company
Agriculture Victoria

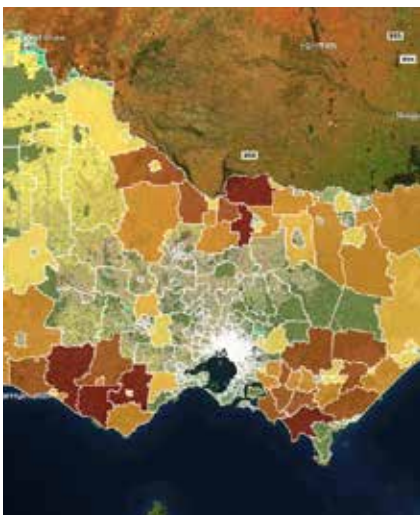## Location
Victoria

Industry
Government

Products
Invest in Victorian Agriculture website

Solution
Agriculture Victoria engaged Spatial Vision to develop and host a new web site which showcases the excellent opportunities for investing in Victoria's agriculture and food processing industries. The Invest in Victorian Agriculture web site provides detailed and high-quality information about Victoria's agricultural regions and industries more generally, including an interactive map.

Benefits
- Highly attractive and easy to use website which provides a wealth of information
- Interactive map providing extensive information on agricultural resources, statistics and supporting infrastructure

Agriculture Victoria wished to develop a web site to support the growth of Victoria's agri-food sector by promoting investment in the various agri-food sectors and regions. A key information resource to be available via the web site was to be a set of detailed reports on each sector and region highlighting their unique benefits and investment opportunities. The web site also needed to provide an easy to use interactive map to make available a wide range of spatial data to assist in investment planning including agricultural activity, resources, statistics and supporting natural and constructed assets.Agriculture Victoria required that the web site be externally hosted and supported.

The Solution

The Invest in Victorian Agriculture web site was built by Spatial Vision working with a design team from Agriculture Victoria. The web site content was developed by Agriculture Victoria, including the PDF-based information reports for each of the agricultural sectors and Victorian regions.

The website was developed using open source technologies including:

The Angular development framework

The Openlayeres Javascript mapping

Spatial services based on Geoserver and PostgreSQL/PostGIS

The website uses a configurable framework which uses a template for the agricultural sectors and regions and allows new sectors and regions to be easily added. The interactive map is also easily configurable, with map layers, including base maps, being added to a set of configuration files. Map Layers are published from Geoserver and standard WMS and WFS services and external map services can also be included.

Website content went through a number of reviews by Agriculture Victoria, with Spatial Vision providing access to a secure test version to support this process, updating content as required, including deploying draft versions of the PDF reports. At the same time, the more than 100 map layers were deployed, reviewed via the test website and their content and presentation refined.

The Benefits

- The website is attractive and easy to use
- Provides specific information on the Dairy, Beef and Sheep, Other Livestock, Grains, Horticulture and Food Processing industry sectors
- Provides detailed information on ten Victorian regions and a Victorian overview
- Includes an interactive map with over 100 map layers including agricultural activity, statistics and resources, along with supporting built and natural asset information
- The map provides extensive functionality including querying features, measuring, drawing on the map, sharing the map and producing a PDF report of the current map.

We can develop and host high quality websites

Find out how we can help you.