Case Study

Common Ground

Common Ground is the result of two years of consultation with community, environmental, government and industry representatives which has resulted in an interactive, plain language and highly accessible website.

Spatial Vision was part of the team which developed Common Ground – our role was the technical design and development of the website. Spatial Vision is also cloud hosting the web site and providing ongoing support and maintenance. Common Ground was developed in a highly collaborative manner and used an Agile approach which enabled consultation throughout the development to refine the website and ensure the outcome was highly tuned to the communities requirements and delivered fully up to date with current information.

Spatial Vision designed a cloud-based architecture which integrated a number of "best of breed" cloud services for mapping and visualisation, feedback management, content management and analytics. Custom processes were developed to refresh the title data nightly from the department's single source of truth.

Common Ground brings together a wide range of government data, allowing resource titles to be viewed in context of National Parks, reserves, Strategic Agricultural Land, Native Title areas and indicative CSG residential exclusion zones. It provides both map-based and textual information on titles and companies and sets out the applications and approvals process for mineral, petroleum and gas projects in NSW, in plain language.

Common Ground has been designed to work across phones, tablets and desktop computers and to minimise user's data usage.

Customer Profile

www.resourcesandenergy.nsw.gov.au

Company

NSW Division of Resources and Energy

Location

New South Wales

Industry

Government

Product

Common Ground

Solution

A responsive, mobile enabled web site with up to date spatial representation of title claims across New South Wales, with the ability to easily compare them to other important spatial data, supported by clearly written descriptions of the title claims process.

Benefits

- Makes available large amounts of map data in a dynamic and engaging website

- Suitable for use on phones, tablets and desktop computers

- Provides plain language descriptions of mining and production titles and the decision making process for any proposed activity

The Issue

DRE has long published a range of publicly accessible data on mining and production titles however it was primarily intended for a professional audience and used language which was less accessible for other interested stakeholders. In addition, the data was published without some much needed context, both in terms of map layers and explanatory text.

With resource exploration and extraction an area of ongoing public interest and at times controversy, there was a need to provide a clear, easy to use and authoritative source of information to inform the public discussion.

The Solution

Spatial Vision designed a cloud-based architecture which integrated a number of "best of breed" cloud services for mapping and visualisation, feedback management, content management and analytics. Custom processes were developed to refresh the title data nightly from the department's single source of truth. The website is hosted by Spatial Vision in an Australian cloud hosting centre and provides a fully load balanced, high availability solution.

Content on the web site is easily and regularly updated, with map content drawn from the department's database nightly and other information updated by departmental staff in a secure, cloud-based content management system, from where it is dynamically interested into the web page templates.

Key features include:

✓ **Attractive and engaging design using plain language descriptions**

🗺 **A wide range of map layers which can be overlaid with titles**

📄 **Links to additional information such as company details and related reports and documents**

ⓘ **Comprehensive explanations of the decision making process**

The Benefits

✓ Fast, intuitive user experience with no need for a browser plugin, suitable for use on desktops, tablets and phones.

✓ Data updated regularly to ensure it is current and accurate

✓ Integration with cloud CMS allowing information to be easily updated without developer input

✓ Use of cloud services and hosting ensures minimal demand on the department's infrastructure

We turn large amounts of data into a dynamic and engaging website.

If you'd like to know more, **please get in touch.**

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Spatial Vision