



Collaboration, Automation & Foundation Data; three steps to spatially enabled government



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APPLYING GEOSCIENCE TO AUSTRALIA'S MOST IMPORTANT CHALLENGES

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Outline

- Introduction
- Foundation Spatial Data
- Collaboration
- Automation
- Conclusion





Introduction

- Spatially enabling your government is well established strategic goal.
- Numerous steps towards achieving that's goal
 - Small, Large and Varied steps
 - Foundation data
 - Collaboration
 - Automation



Changed focus - we were trying to answer everyones spatial question through one product (series mapping) to individual targeted answers to an agency or departments questions

Australia an land area of 7.69 million km2

USA 48 contiguous states area 8.08 million km2

Governing Australia the federation

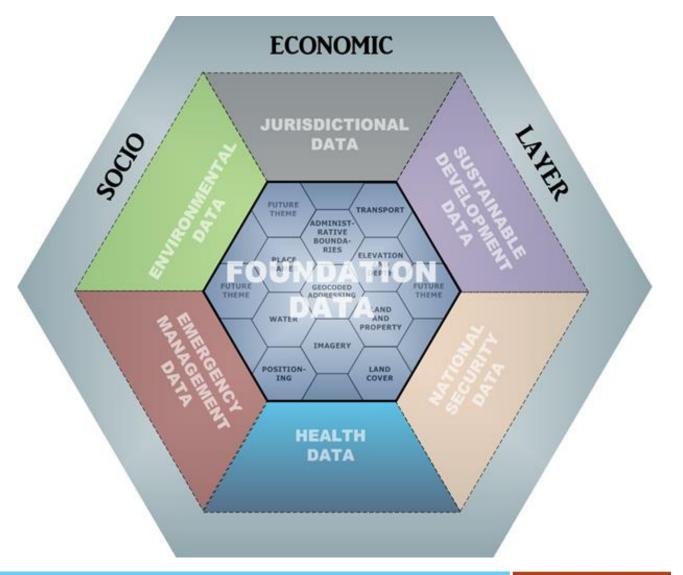
- Six States and Two Territories
- Each has its own state Constitution
- Power is shared between the federal and state governments
- Federal parliament responsibility for the whole nation
- States governments keep their own parliaments and most of their powers
- Some local councils look after their communities and introduce policies



http://www.peo.gov.au/students/cl/governing.html

Foundation Spatial Data Framework

10 Initial Themes 1.Geocoded Addressing 2.Administration boundaries 3.Positioning **4.Place Names** 5.Land Parcel & Property 6.Imagery 7.Transport 8.Water 9. Elevation and Depth 10.Land Cover



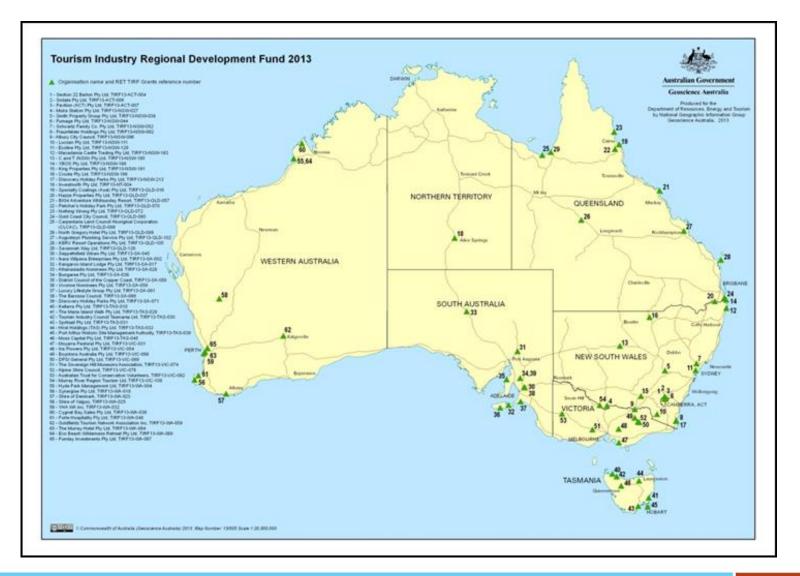
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Collaboration

- Building collaborations with other government agencies and departments.
- They know their business but unaware or unsure of what spatial can bring. Our role is to create linkage between the data and their information requirements.
- Collaborations have been built over years



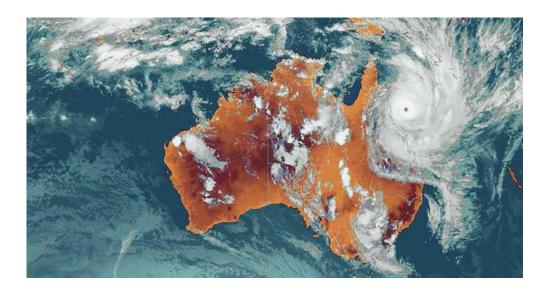
Tourism Grants



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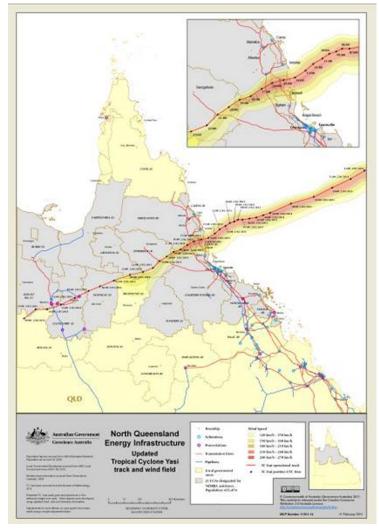
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Disaster Recovery and Administration

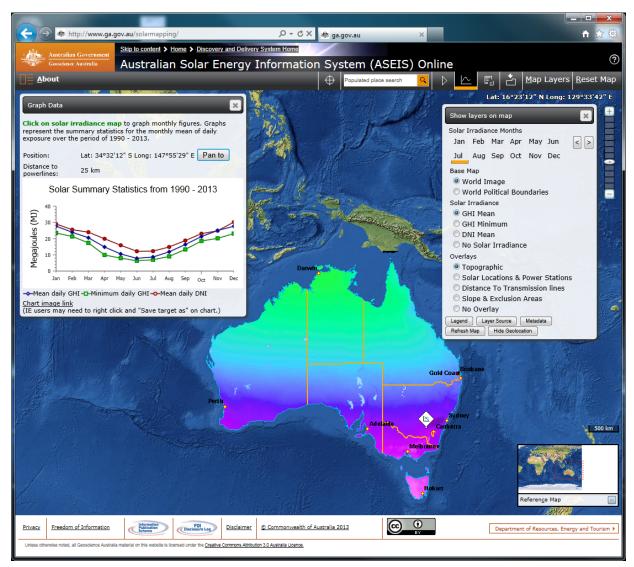








Australian Solar Energy Information System



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Automation

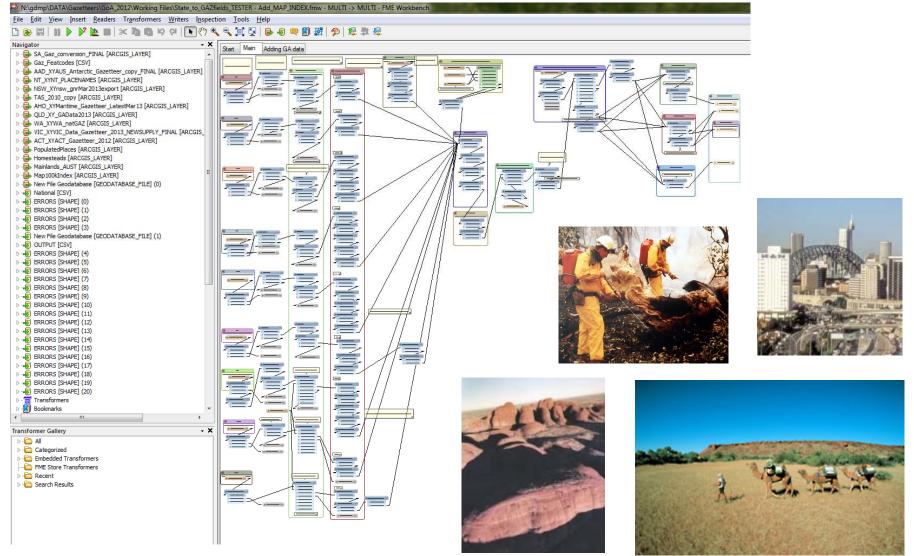
Moving away from the series mapping programs of the past and into a future of targeted spatial information to answer questions for government policy, requires a fundamental change in how we manage data and produce



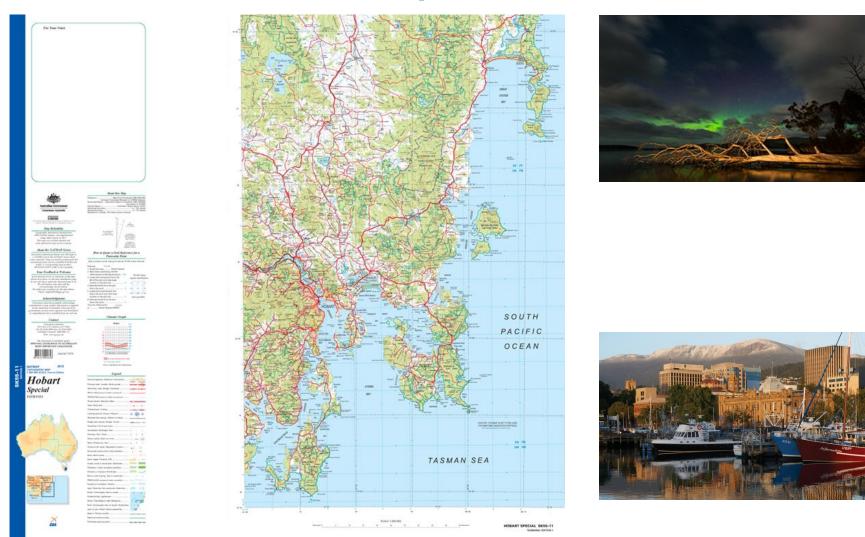
Now we need to deliver the Map, the Table, or the yes/no answer to actual targeted questions.

To deliver in a relevant timeframe we have to automated as much as possible.

Automation – Gazetteer of Australia

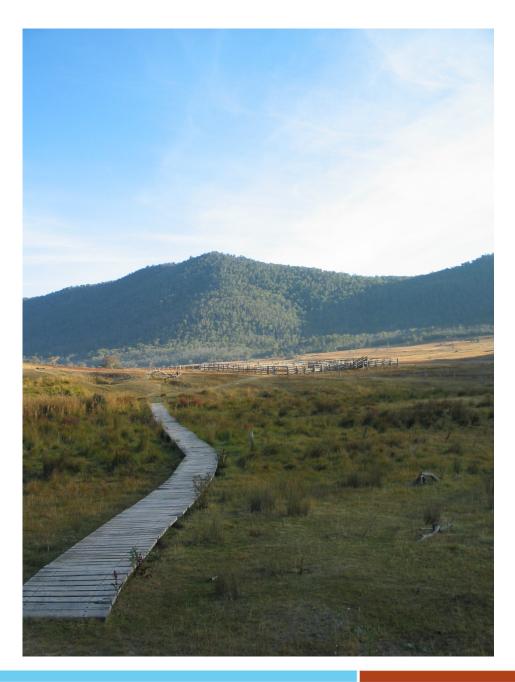


Automation – Series Map Automation



Conclusion

Spatially enabling government will not be achieved through one program or one policy. It will be achieved with a number of small and large shifts towards focusing efforts across an organisation and government.







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