



**Australian Government**

**Department of Finance and Administration**



1

# Spatially enabled government in Australia

**Liz Marchant**

**Director, Interoperability Policy**

**Capability Building Projects Branch**



# Special Minister of State Hon Gary Nairn MP

- Use of spatial information should become ubiquitous across government
- 80% of government decisions have a 'where' factor
- Spatial information, in conjunction with other information, should be used to make policy, business and operational decisions



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3

## Role of AGIMO

AGIMO's primary role is to oversee the development of e-government and e-democracy in Australia, and the delivery of government services through the use of information and communication technology.



# Outline

- Overview of government within Australia
- How can spatial information be used within government
- Barriers to use
- National projects
- Examples of innovative uses of spatial information



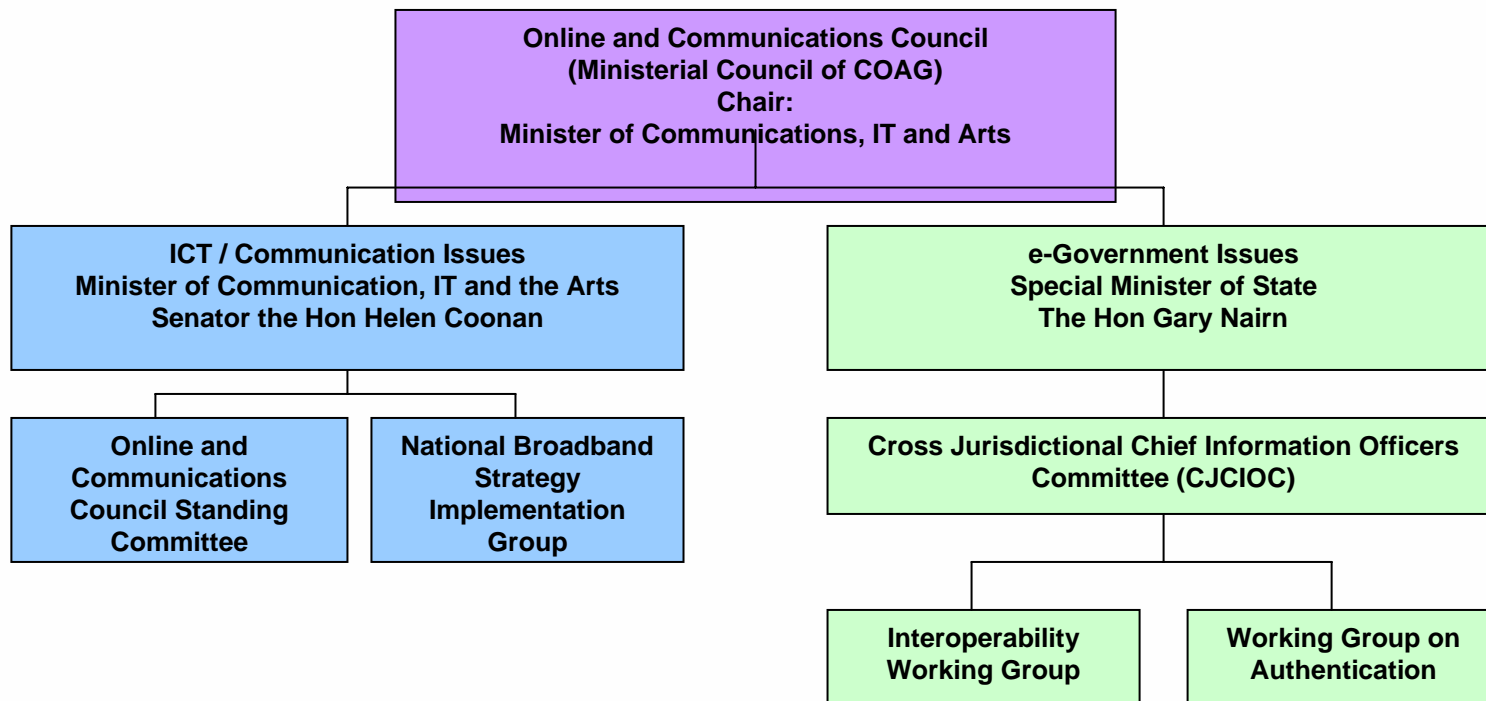
# Government in Australia

- Federated system of government
  - Australian Government
  - States and Territories government
  - Local government
- Governance arrangements



## ICT GOVERNANCE ARRANGEMENTS (CROSS JURISDICTIONAL)

(As at March 2007)







# How can spatial information be used by governments

**The business drivers for the use of spatial (or location) information can be categorised as:**

- Where is something
- Where is something happening
- How can government provide services
- Increasing service delivery through eligibility criteria including the right location



# How can spatial information be used by governments

- What government services should be provided in the future
- Improved business intelligence about the services that government agencies provide
- Improved measurement of the effectiveness of policy decisions



# Barriers to spatially enabled government

## Barriers include

- Discoverability
- Pricing and access policies including licensing arrangements
- Information sharing – interoperability through collaboration
- Standards including governance and uniform adoption
- Digital rights management



## Barriers to spatially enabled government (continued)

- Custodianship, currency and quality of data
- Costs of sharing
- Cultural
- Different data sets
- Spatial being seen as special rather than ubiquitous



## National projects

- National Information Sharing Strategy
- National Address Management Framework



# National Address Management Framework

National Address Management Framework is comprised of:

- a national single authoritative address data set
- a national standard for address data storage and interchange
- national standards for web services that support common address-related functions (such as address parsing and validation)

together with the development of a business case to gain the necessary support and resources to implement this framework, on an ongoing basis



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The New York Times Travel

NYTimes.com Go to a Section

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[Circuits](#)

SOUNDING OFF

# Online Maps That Steer You Wrong

By CHRISTOPHER ELLIOTT

Published: June 28, 2005

ONLINE mapping services were supposed to be a godsend for business travelers when they were introduced a few years ago. But now, they are anything but. Diane Taub, the devil of the turn-by-turn directions.

Ms. Taub, a computer tutor from Merrick, N. Y., has become lost using every major Web site, including MapQuest, MSN Maps and Directions, and [Yahoo Maps](#).

'Ms Taub, a computer tutor from Merrick, N.Y., has become lost using every major Web site, including MapQuest, MSN Maps and Directions, and Yahoo Maps.'

'Her frustration recently boiled over when she queried three mapping sites for directions to LaGuardia Airport, and received three different sets of instructions. "Mapping sites give me a false sense of security," she said. "I don't trust them anymore.'

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Search Map-based Search Browse

Your Search Home > WHERE: Greater Melbourne VIC > WHO: claytons kitchens > Businesses

Your Results: 655 Businesses in Greater Melbourne

Printer-friendly Change State

Business listings 1 to 20 of 655

Sort by: Most Info Alphabetical Distance

**Claytons Kitchens**  
640 Mt Alexander Rd Moonee Ponds VIC 3039  
ph: 1300 767 611 Kitchens, Renovations &/Or Equipment

advert website map & directions



**Claytons Kitchens**  
640 Mt Alexander Rd Moonee Ponds VIC 3039  
ph: 1300 767 611 Building Supplies

map

**Claytons Kitchens Brighton**  
382 Bay St Brighton VIC 3186  
ph: (03) 9530 8028 Kitchens, Renovations &/Or Equipment



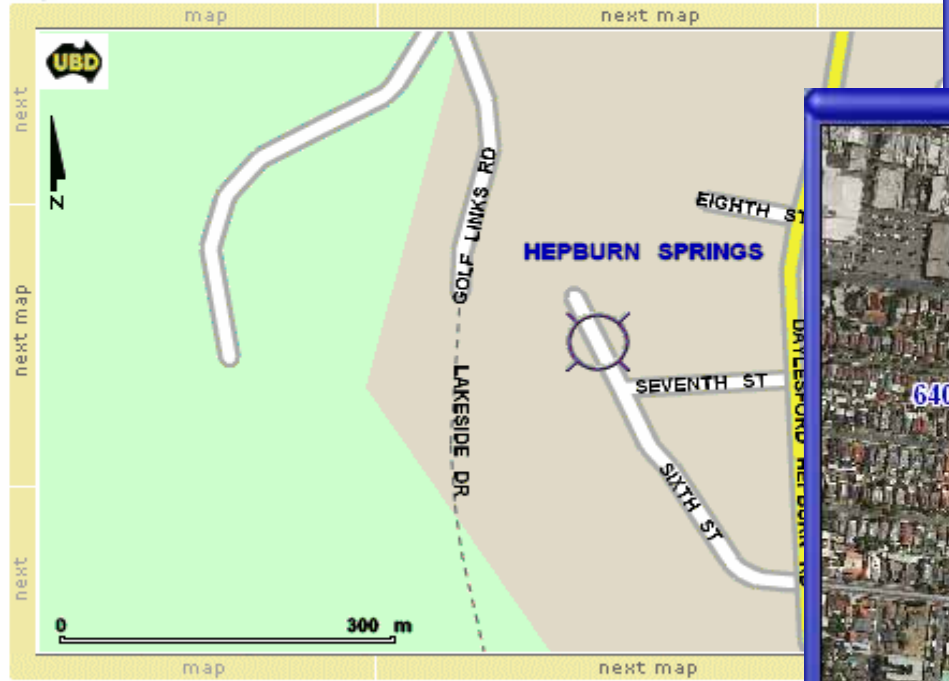
Search Map-based Search Browse

### Claytons Kitchens

The street number you searched for was not found. A map for Swiss Mt Ave

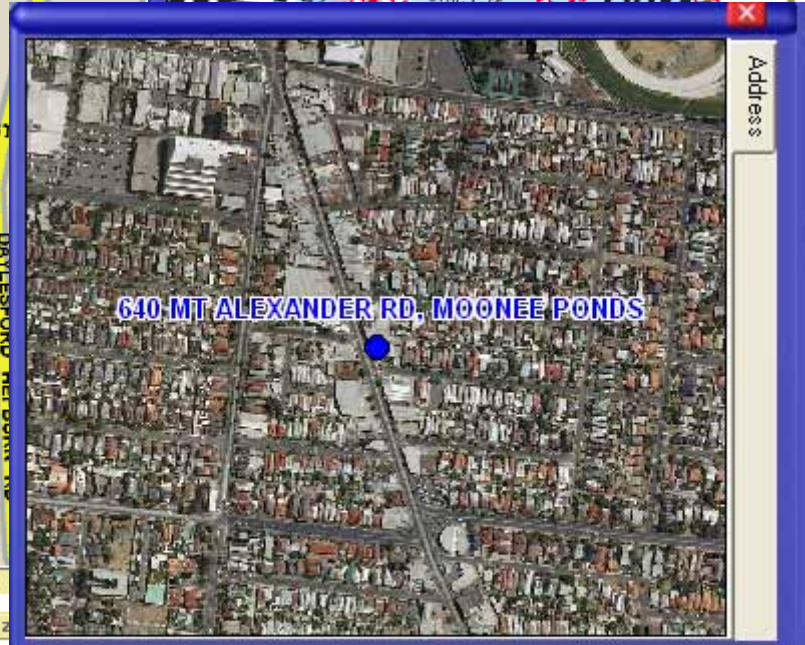
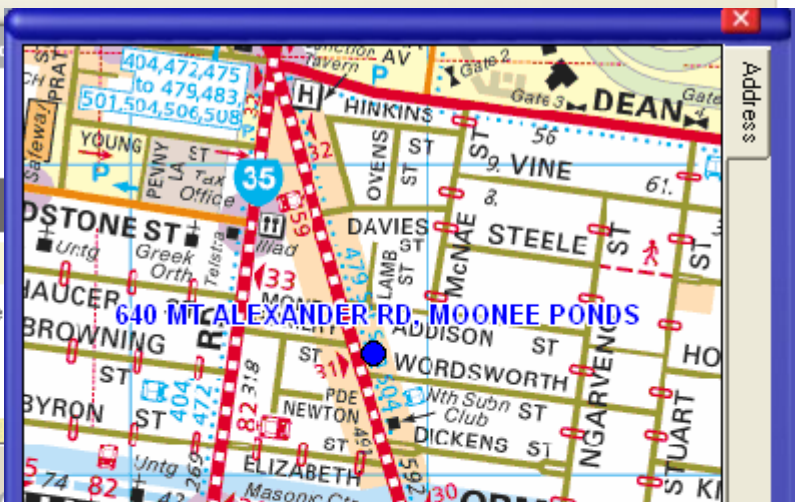
Website: <http://www.claytonskitchens.com.au>

Send Map: [Send this map to a friend](#)



zoom in [colorful zoom buttons]

STREET LEVEL



Spatial Smart Tag  
Geomatic Technologies Pty. Ltd.

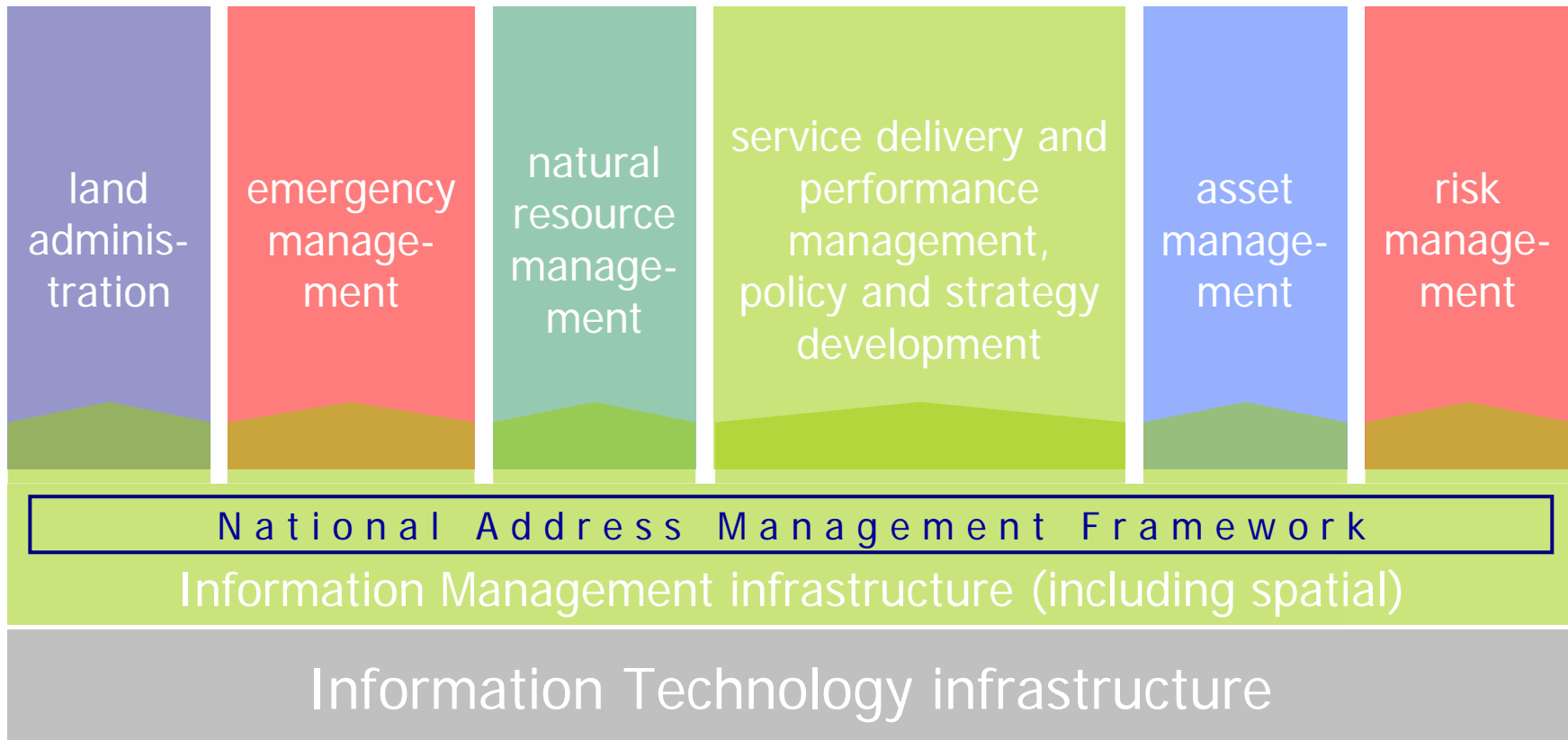
Populate Template Copy to Clipboard

GET DIRECTIONS



# spatially enabling the business of government

address management is the single most important contribution the spatial information industry can make for the business of government and industry





# Demonstration

Land  
vic.gov.au

### VSST - Demonstration Form

NEIGHBOURHOOD AND SITE DESCRIPTION Date of report  
10/1/2004 4:22:32 PM

**SITE ADDRESS:**

Lot	House No.	Street Name	Street Type
	100	City	Road
Town or Suburb		Postcode	State
South Melbourne			VICTORIA

(Note: \* denotes compulsory address field)

Select a verified site address from the list below

100 City Road, Southbank 3008
-------------------------------

(If the site correct address is not in the above list, re-enter details in the site address fields above)

**SITE DETAILS:**

VicMap Property ID#	Lot & Plan No.
4146825	
Local Government Area	Midway Ind.
Melbourne City	Page 43, Grid G11

**NEIGHBOURHOOD SITE MAPS:**

Aerial Photo	Planning Scheme Map
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Done

vic roads

### VSST DEMONSTRATION SITE - Change of address notification

Step 1 Step 2 Step 3 Step 4

**Step 2 - Enter in new Residential Address.**

Enter your new residential address into the fields below

Unit Number	
Street Number	100
Street	City
Street Type	Road
Town or Suburb	South Melbourne
Postcode	

Next VSST: Finance Policy Controller 10/01/2004 4:22:32 PM



Address [http://www.ourwater.vic.gov.au/ourwater/dsenowof.nsf/fid/-EF4F76E8127C69F4CA256F5100169060/\\$file/A4claimform.pdf](http://www.ourwater.vic.gov.au/ourwater/dsenowof.nsf/fid/-EF4F76E8127C69F4CA256F5100169060/$file/A4claimform.pdf) Go Links

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Select Text 114% Create an Adobe PDF online

DSE 47

water smart  
Gardens + Homes  
Rebate Scheme



# to apply for a rebate

## What to do

- Complete this application form
- Attach original receipts (or copies of receipts with a statutory declaration) for eligible purchases and plumber's receipt and PIC Certificate if required
- Mail this form and original receipts to your water supplier (see list opposite for details of your water supplier)

## Applicant details

Name

Customer Account Number

Address **49 Bell Street  
Coburg, 3058**

Contact Number

## Product information

Type of water saving product you are claiming (refer to brochure or website for further information [www.ourwater.vic.gov.au](http://www.ourwater.vic.gov.au))

## Contacts

- **Barwon Water**  
PO Box 659, Geelong 3220  
Phone: 1300 656 007
- **Central Highlands Water**  
PO Box 152, Ballarat 3353  
Phone: 03 5320 3111
- **City West Water**  
Locked Bag 350, Sunshine 3020  
Phone: 131 691
- **Coliban Water**  
PO Box 2770, Bendigo DC 3554  
Phone: 1300 363 200
- **East Gippsland Water**  
PO Box 52, Bairnedale 3875  
Phone: 1300 720 700
- **Gippsland Water**  
PO Box 348, Traralgon 3844  
Phone: 1800 066 401
- **Glennelg Water**  
PO Box 107, Hamilton 3300  
Phone: 03 5551 0400
- **Goulburn Valley Water**  
PO Box 185, Shepparton 3632  
Phone: 1300 360 007
- **Grampians Wimmera Mallee Water**  
PO Box 481, Horsham 3402  
Phone: 1800 685 353



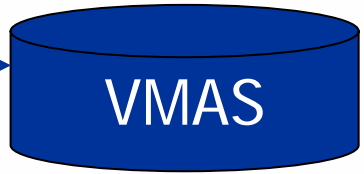
Address [http://www.ourwater.vic.gov.au/ourwater/dsenowof.nsf/fid/-EF4F76E8127C69F4CA256F5100169060/\\$file/A4claimform.pdf](http://www.ourwater.vic.gov.au/ourwater/dsenowof.nsf/fid/-EF4F76E8127C69F4CA256F5100169060/$file/A4claimform.pdf) Go Links

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DSE 47

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Phone: 1800 066 401
- **Glennelg Water**  
PO Box 107, Hamilton 3300  
Phone: 03 5551 0400
- **Goulburn Valley Water**  
PO Box 185, Shepparton 3632  
Phone: 1300 360 007
- **Grampians Wimmera Mallee Water**  
PO Box 481, Horsham 3402  
Phone: 1800 685 353

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Address [http://www.ourwater.vic.gov.au/ourwater/dsenowof.nsf/fid/-EF4F76E8127C69F4CA256F5100169060/\\$file/A4claimform.pdf](http://www.ourwater.vic.gov.au/ourwater/dsenowof.nsf/fid/-EF4F76E8127C69F4CA256F5100169060/$file/A4claimform.pdf) Go Links

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DSE 47



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Name \_\_\_\_\_

Customer Account Number \_\_\_\_\_

Address **49 Bell Street  
Coburg North, 3058**

Contact Number \_\_\_\_\_

## Product information

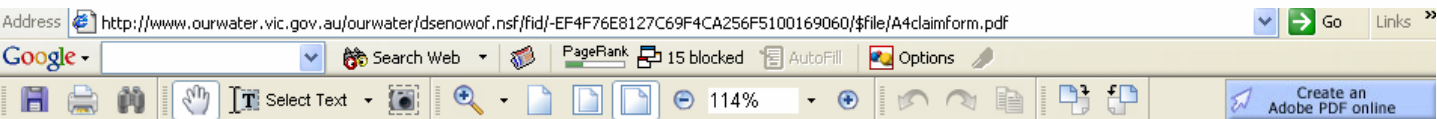
Type of water saving product you or website for further information

**DSE assistance contact:  
Port Phillip Regional Office  
30 Prospect St Box Hill 3128  
Phone: 03 92964400**

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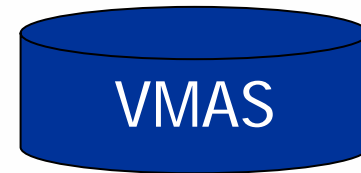
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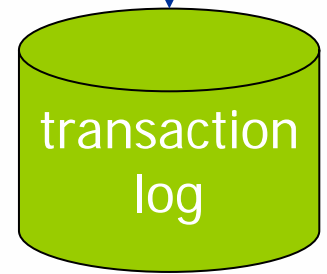
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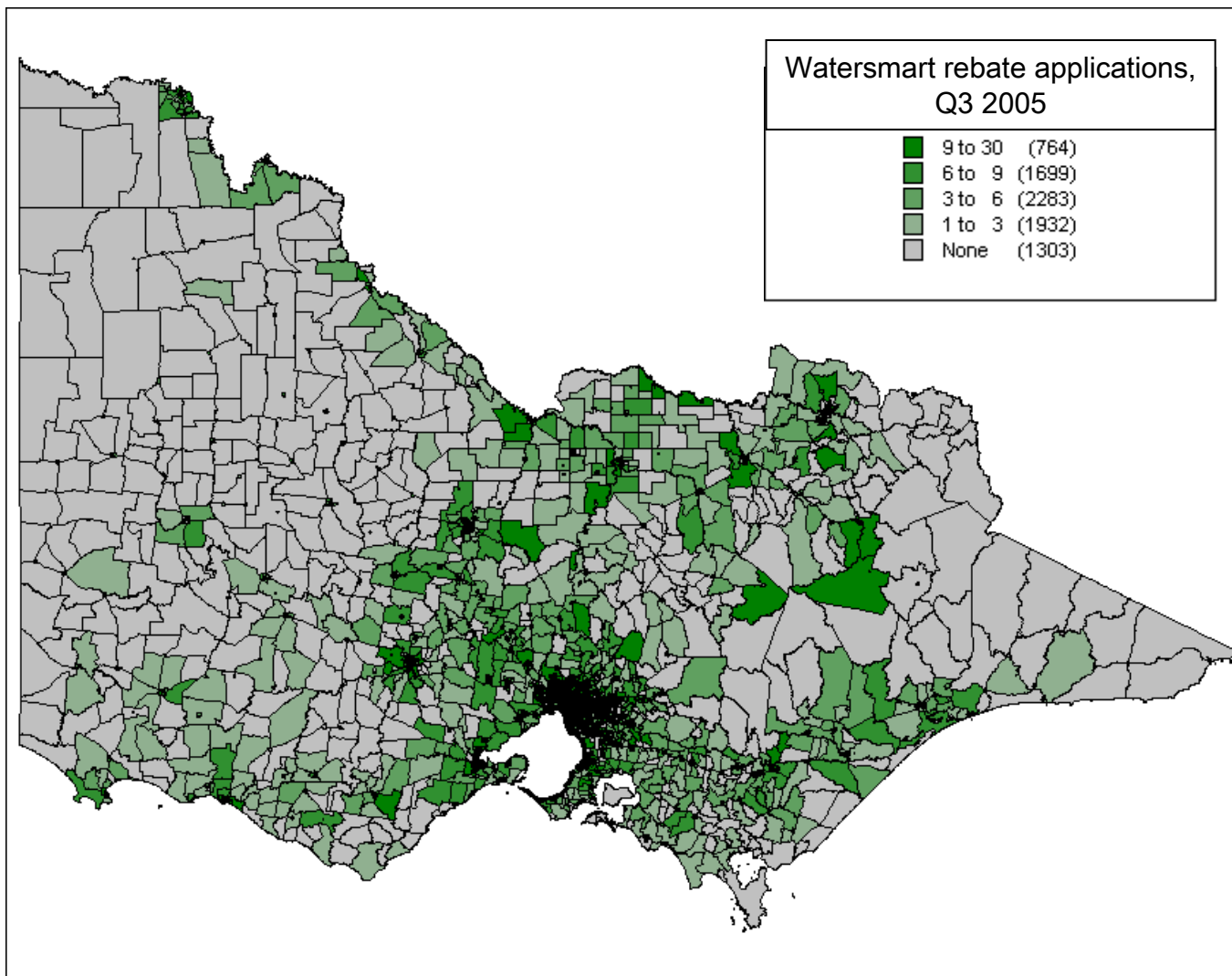
Date and Time: 20051024, 09:45:23  
Transaction type: DSE 47  
Address: 49 Bell Street, Coburg 3058  
Transaction location (CD): 2010342





The transaction log can be a complete record of service delivery, available for analysis, performance assessment, mapping...

Date, Time	Address	ID	CDid
200507121432	49 Bell Street Coburg	47	2010342
200507121436	17 Hill Road Toorak	13	2010342
200507121438	3 Smith Avenue Kew	47	2010342
...	...	...	...
2000507121632	48 Kew Avenue, Brighton	23	2010342
2000507121705	6/12 Bond Street, Brunswick	47	2010342
2000507121724	345 Whitehorse Road, Doncaster	112	2010342
2000507121812	17 Bailey Road, Ballarat	47	2010342





# Examples of innovative uses of spatial information

## Australian Government

- Department of Family and Community Services, and Indigenous Affairs
- Department of Human Services



Alice Springs

ATULA + BORE 3

BORE 7 +

BORE + BORE 4

+ BORE 5

BORE 6 +

+ + SATELLI

NO NAME BORE

ENGINE

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Australian Government

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27

# Thank you

The AGIMO web site can be found at:

[www.agimo.gov.au](http://www.agimo.gov.au)

My email address is:

[liz.marchant@finance.gov.au](mailto:liz.marchant@finance.gov.au)