

FIG

FIG WORKING WEEK 2017

Helsinki Finland

29 May - 2 June 2017

Presented at the FIG Working Week 2017,  
May 29 - June 2, 2017 in Helsinki, Finland

# Australia's National Elevation Framework (NEDF) in Practice

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## Disclaimer:

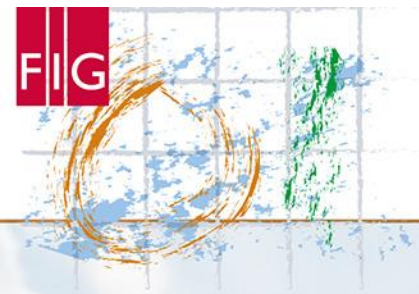
This presentation has nothing to do with  
Volunteer Geographic Information.....

*{allow time for people to now leave or grab their phone!}*



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## Introduction

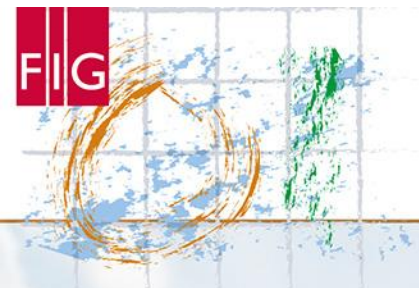
- 2007 the National Elevation Data Framework (NEDF) was constructed. As we are now in 2017, some ten years on, its time to review how we went in practice.
  - A Short History of NEDF
  - The 5 key NEDF tasks
  - Review and Grading
  - Final Report Card



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## National Elevation Data Framework (NEDF) - a short history.

A framework to allow the following to be developed for elevation data across Australia;

- enhancing access to information across all levels of government, industry, academia and the community
- minimising duplication of effort
- increasing the utility of data by developing and promoting flexible standards that meet the needs of users and providers and 'future proof' our investment in data
- promoting industry development through the coordination of acquisition programs, adoption of standards, partnerships and development of appropriate licensing arrangements
- influencing the development of national and international capacity to mitigate and adapt to the impacts of climate change.



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## Key NEDF Areas of Concentration

The work focused on delivering the following 5 key areas:

1. enhanced governance structures
2. promoting mechanisms for funding
3. developing and maintain technical standards
4. improved access, distribution and use arrangements
5. industry development and capacity



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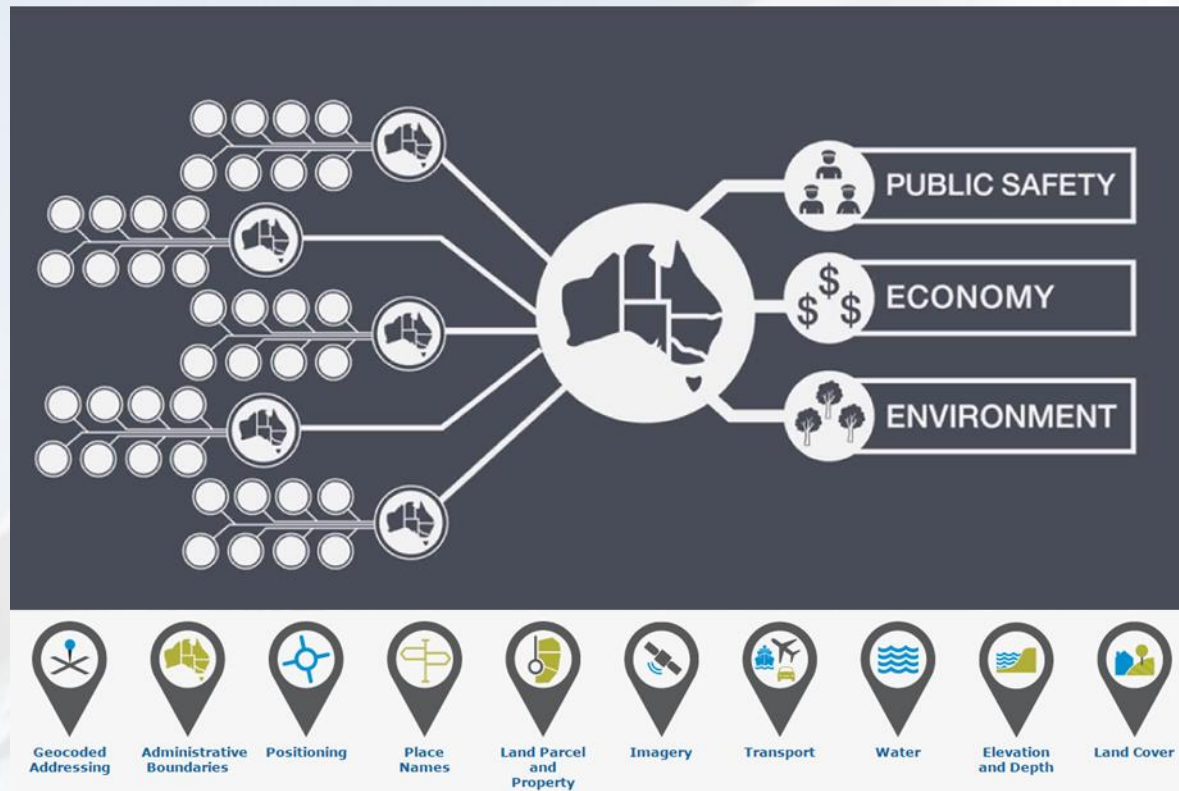
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## 1. Enhanced governance structures

### Foundation Spatial Data Framework



Grade B+



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## 2. Promoting Mechanisms for funding



Grade: Fail





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## 3. Developing and maintain technical standards

A real achievement which has been a strong resource to other countries and State jurisdictions in Australia.

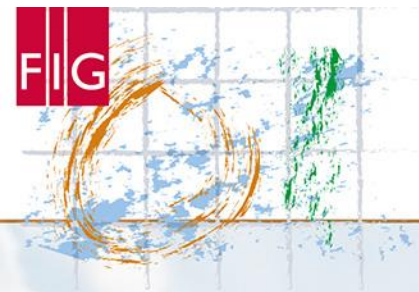
Grade A



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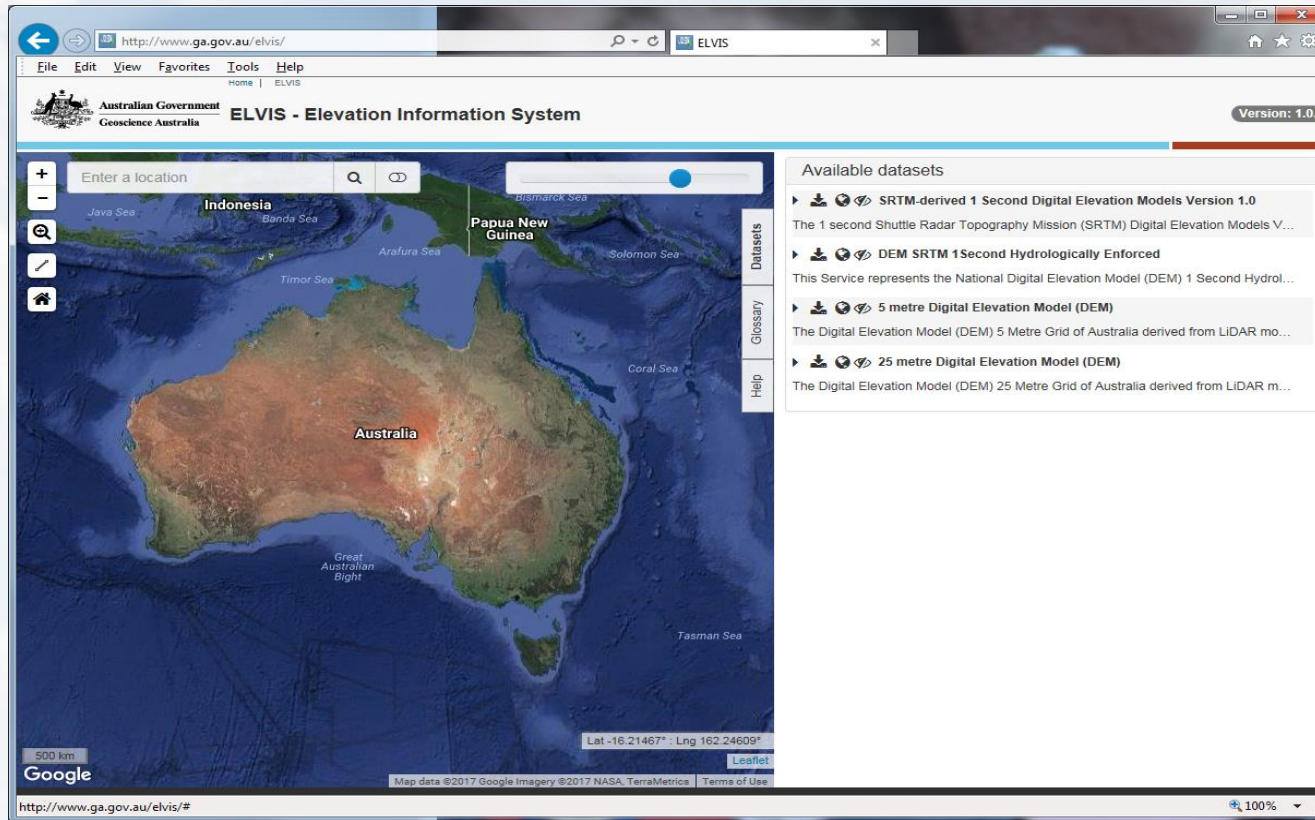
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## 4. Improved access, distribution and use arrangements



In 2016 replaced with ELVIS

- Cloud Solution
- Interoperability through FME Cloud
- Interface only collects instructions and sends to AWS.
- Grade B+

ga.gov.au/elvis



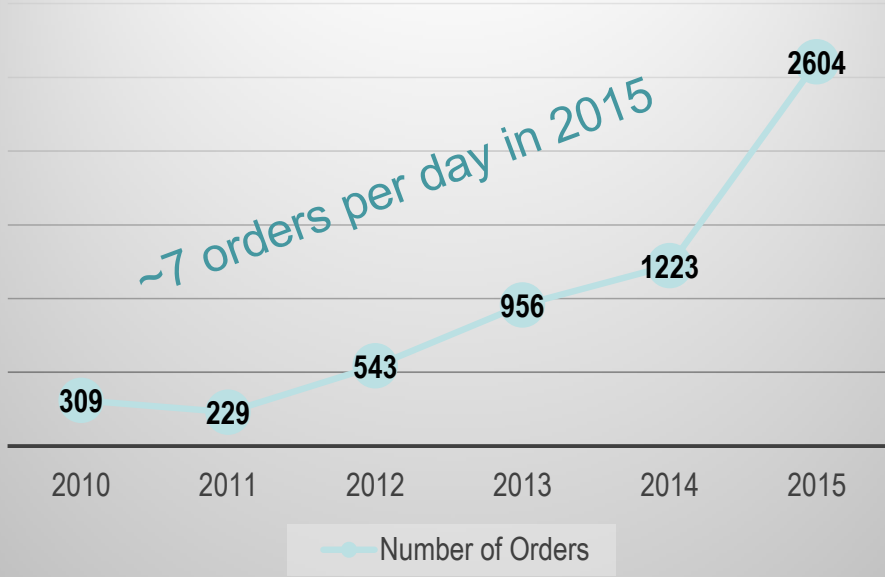
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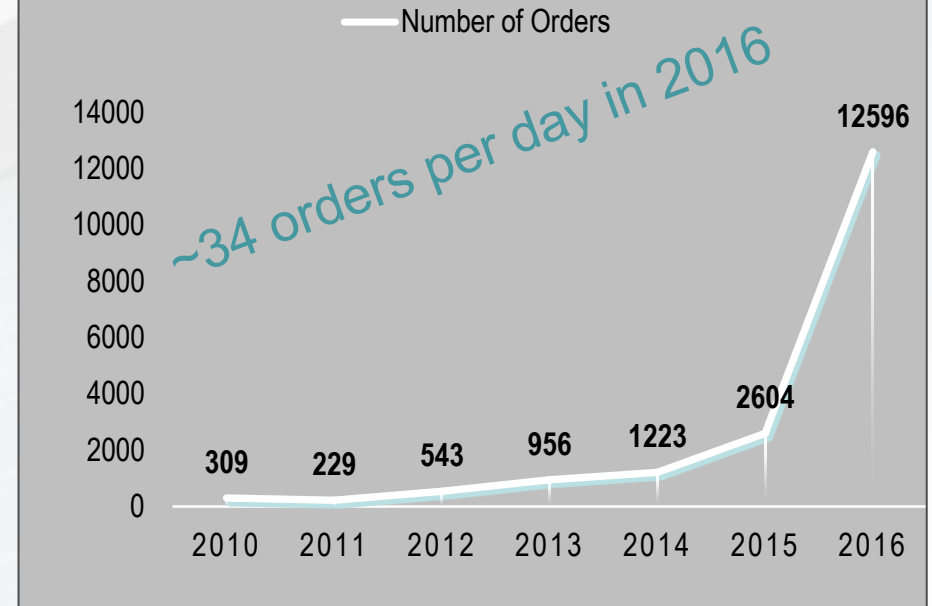


## 4. Improved access, distribution and use arrangements

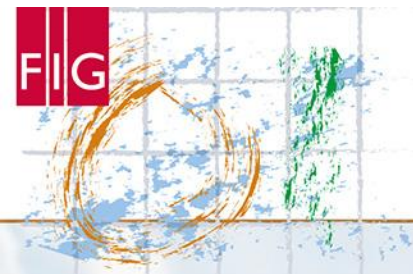
### NEDF Orders



### ELVIS ORDERS



[ga.gov.au/elvis](http://ga.gov.au/elvis)



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## 4. Improved access, distribution and use arrangements



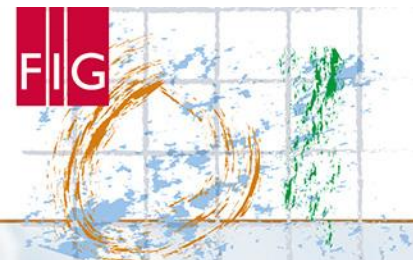
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## 4. Improved access, distribution and use arrangements

ELVIS - Foundation Spatial Data

Selected bounds: 151.6278° west, -32.5839° north, 151.9959° east, -32.9303° south

Found 689 datasets

Filter: Filter names

Filter by type:  Point Cloud  DEM

NSW Government (Showing 684 of 684) [expand]

Geoscience Australia (Showing 5 of 5) [expand]

Elevation.FSDF.org.au

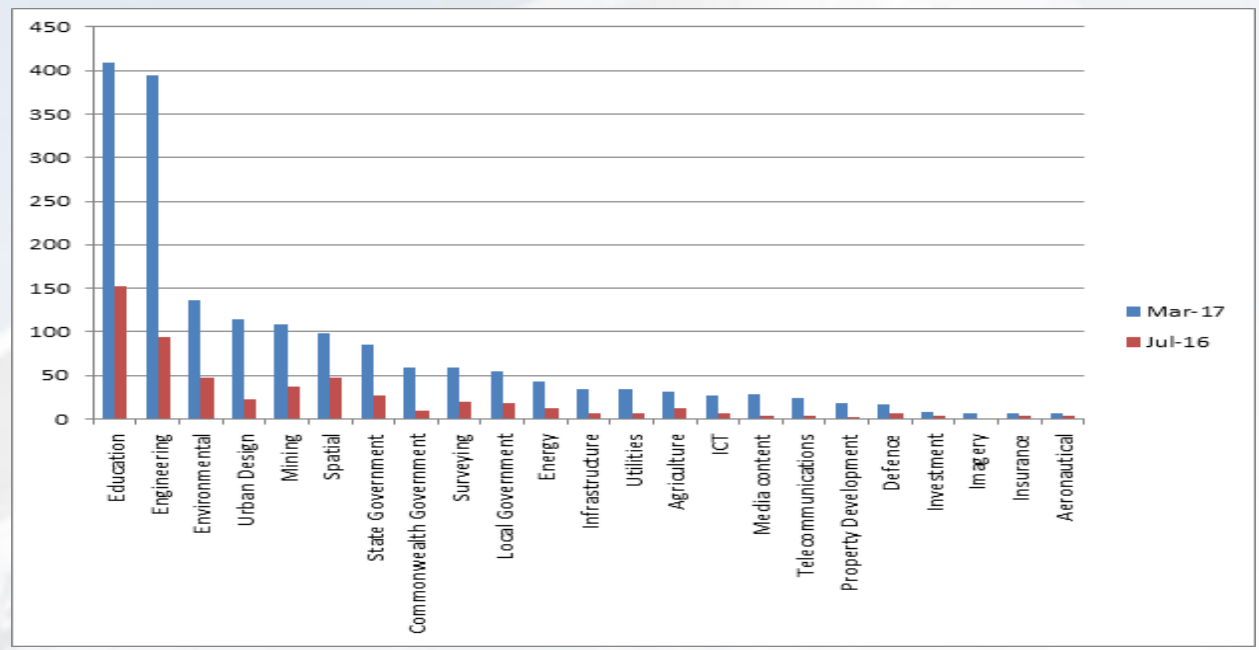


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## 5. industry development and capacity



Grade: D-



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## NEDF REPORT CARD 2007-2017

Focus Area	Grade
enhanced governance structures	B+
promoting mechanisms for funding	Fail
developing and maintain technical standards	A
improved access, distribution and use arrangements	<del>Fail</del> B+
industry development and capacity	D-

Comment: NEDF tries hard in certain areas that interest them and has achieved wonderful results in those areas.

A more consistent effort across all key areas will produce a far better and more well rounded result in the future.

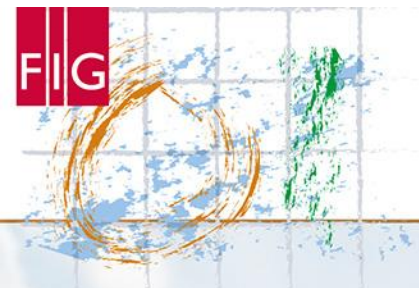
Signed: *Harsh Reality*



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