Australia’s National Elevation Framework (NEDF) in Practice

Graham Hammond
Director of Physical Geography
National Location Information Branch
Geoscience Australia

Surveying the world of tomorrow - From digitalisation to augmented reality
Disclaimer:

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

{allow time for people to now leave or grab their phone!}
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
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.
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
1. Enhanced governance structures

Foundation Spatial Data Framework

Grade B+
2. Promoting Mechanisms for funding

Grade: Fail
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
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
4. Improved access, distribution and use arrangements

NEDF Orders

- ~7 orders per day in 2015

ELVIS ORDERS

- ~34 orders per day in 2016

ga.gov.au/elvis
4. Improved access, distribution and use arrangements

ga.gov.au/elvis
4. Improved access, distribution and use arrangements

Elevation.FSDF.org.au
5. industry development and capacity

Grade: D-
### NEDF REPORT CARD 2007-2017

<table>
<thead>
<tr>
<th>Focus Area</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>enhanced governance structures</td>
<td>B+</td>
</tr>
<tr>
<td>promoting mechanisms for funding</td>
<td>Fail</td>
</tr>
<tr>
<td>developing and maintain technical standards</td>
<td>A</td>
</tr>
<tr>
<td>improved access, distribution and use arrangements</td>
<td>-Fail B+</td>
</tr>
<tr>
<td>industry development and capacity</td>
<td>D-</td>
</tr>
</tbody>
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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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Graham.Hammond@ga.gov.au