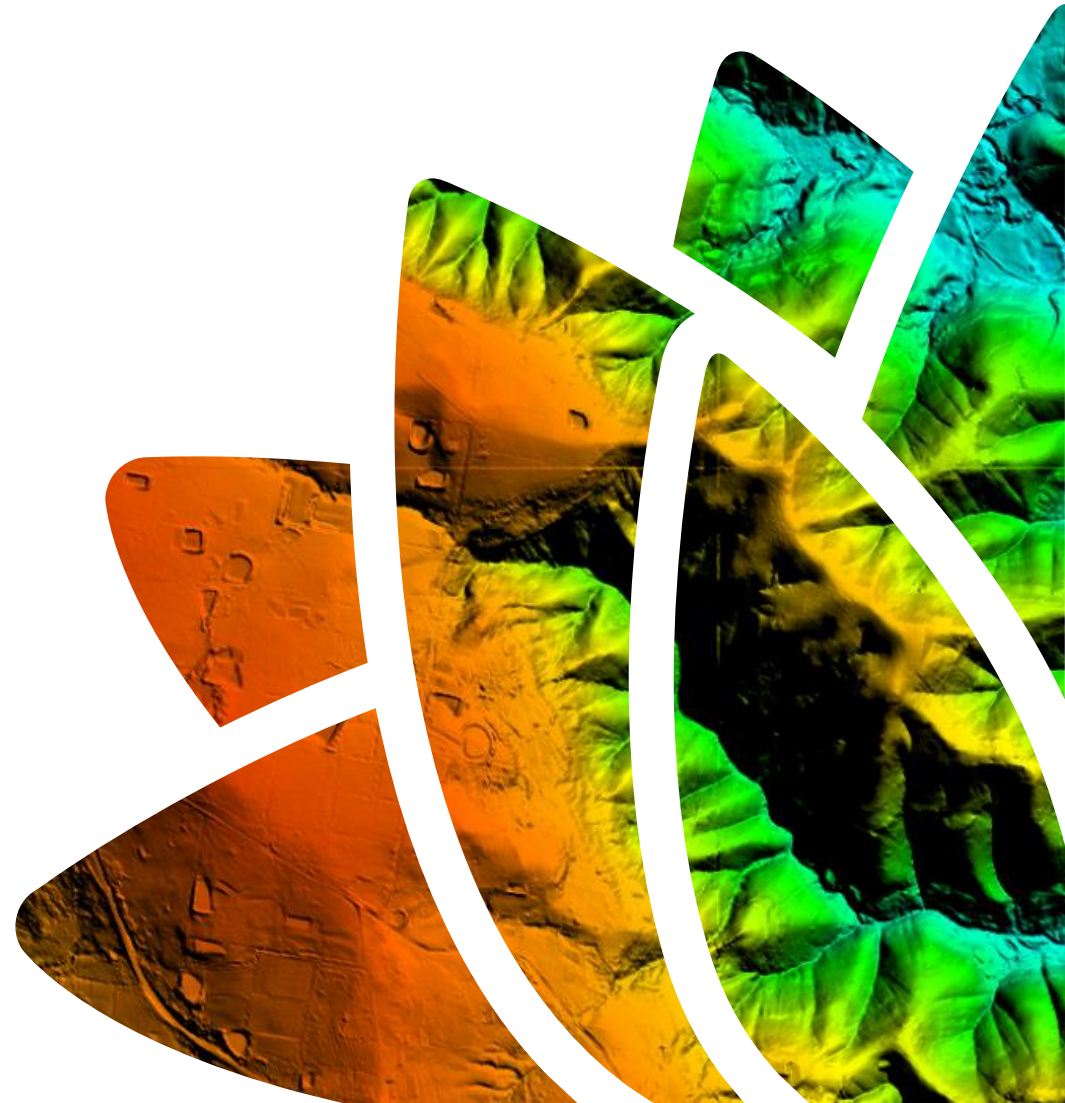


Environmental Spatial Programs

Program Update

Shawn Ryan

Supervisor, Elevation & Water Program / ReSSE
Scheme Manager



Foundation Spatial Data Framework

The Environmental Spatial Programs team are the custodians of the following themes



IMAGERY



ELEVATION AND DEPTH

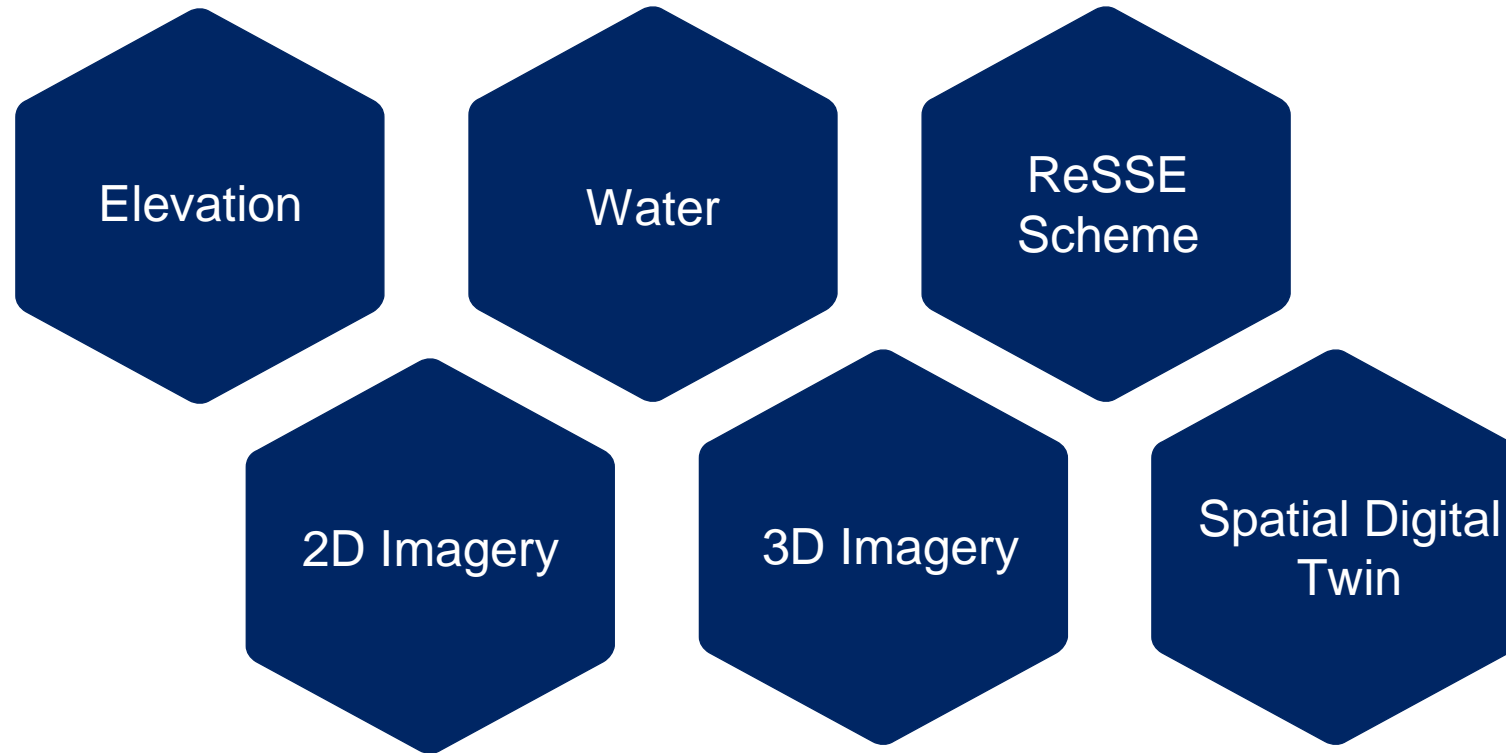


WATER

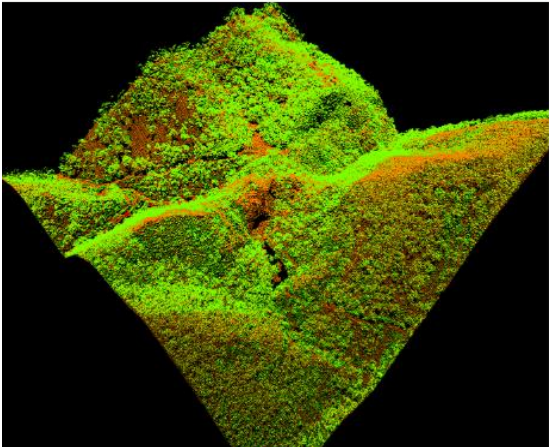
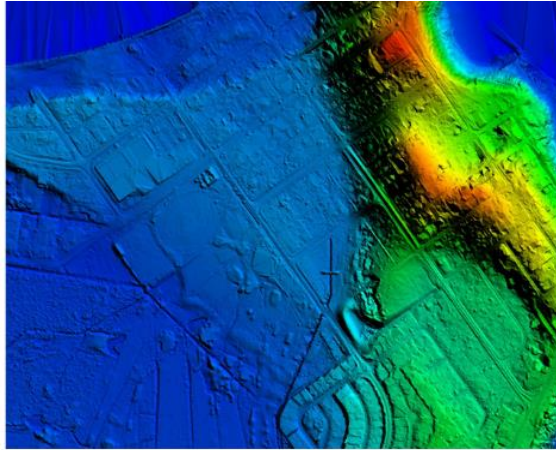


LAND COVER

Work Programs



Elevation Program



Products:

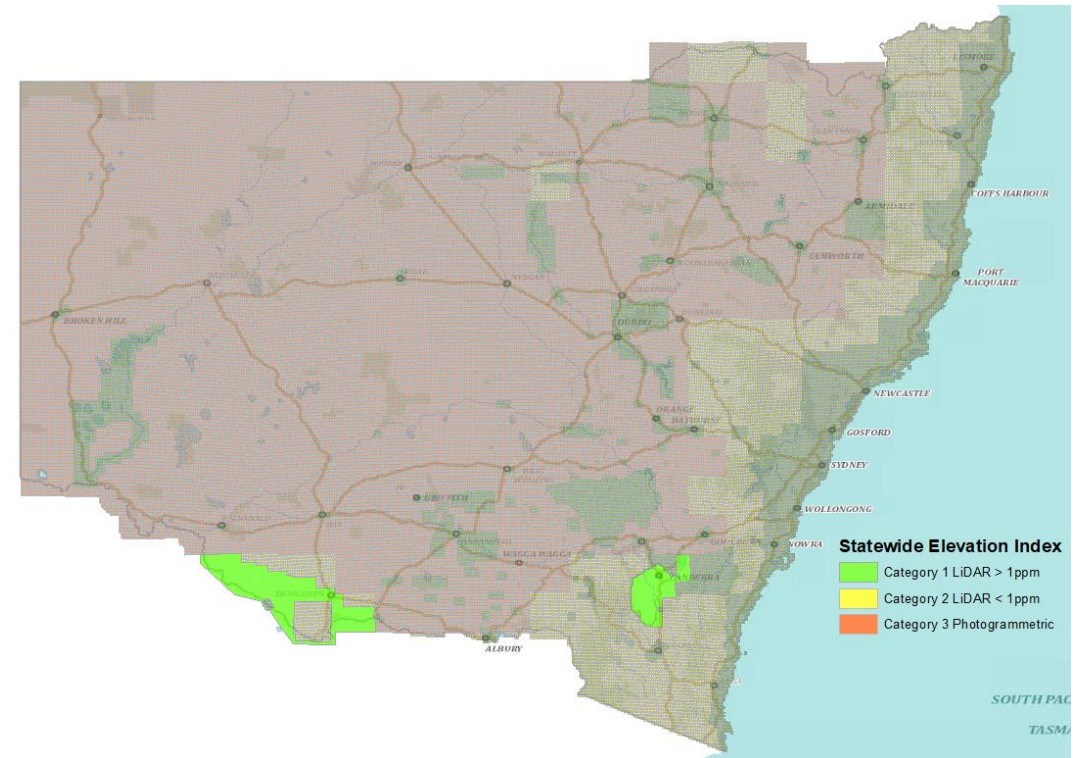
- Point Clouds (2x2km tiles)
- Digital Elevation Models (2x2km tiles, 100k mapsheets, MGA Zones)
- 2m Contours (100k mapsheets)
- Slope (100k mapsheets, MGA Zones)
- Aspect (100k mapsheets, MGA Zones)

Elevation Capture for 20/21



Elevation Data Access

- 2x2km Point Cloud & DEMs available to download via Geoscience Australia's ELVIS portal - <https://elevation.fsdf.org.au/>
- For all other products please contact our Service Delivery team (SS-SDS@customerservice.nsw.gov.au)
- A state-wide elevation index (containing 2x2km data information) is also available as a layer package file from the Service Delivery team too.



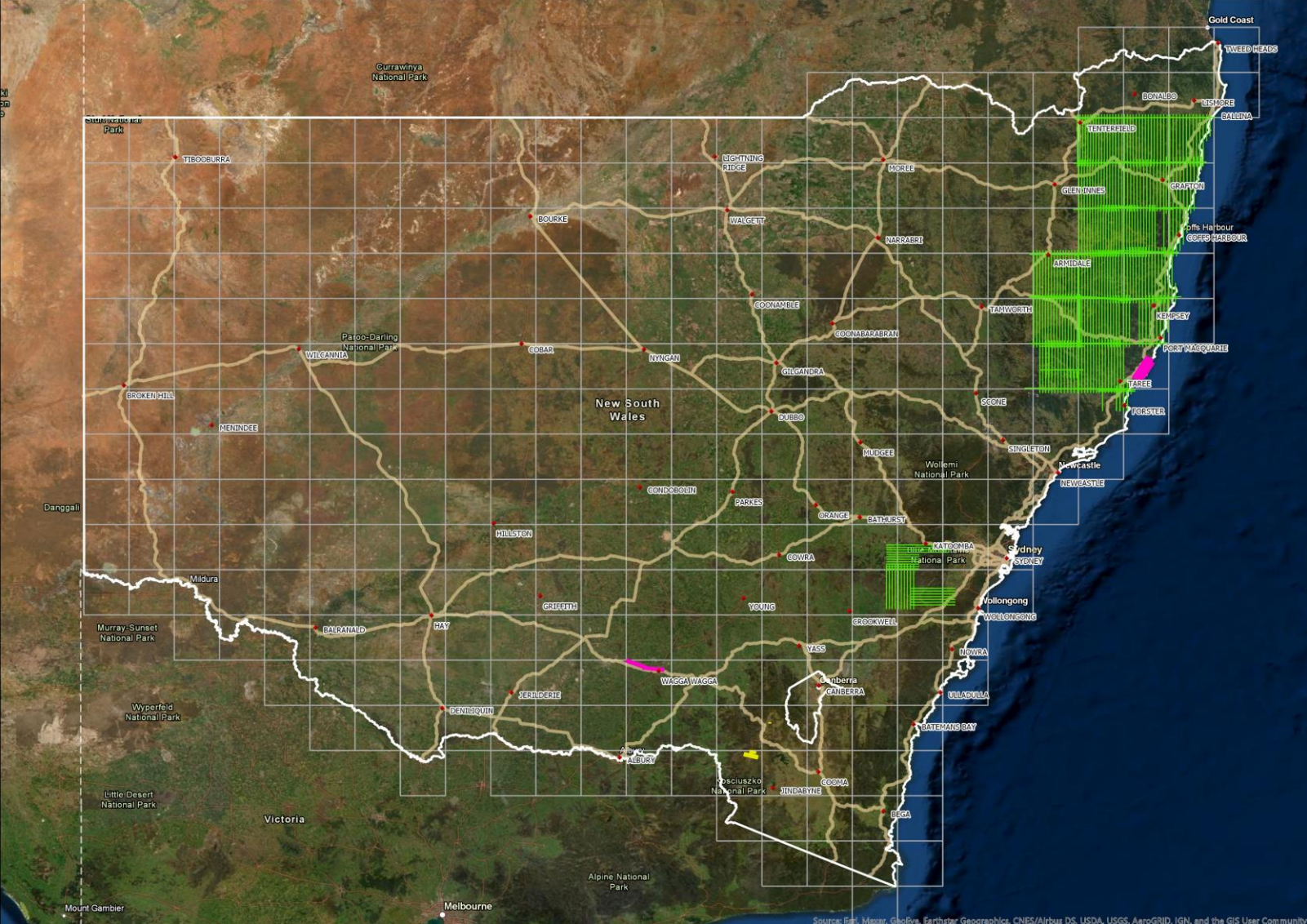
Imagery Program



Products:

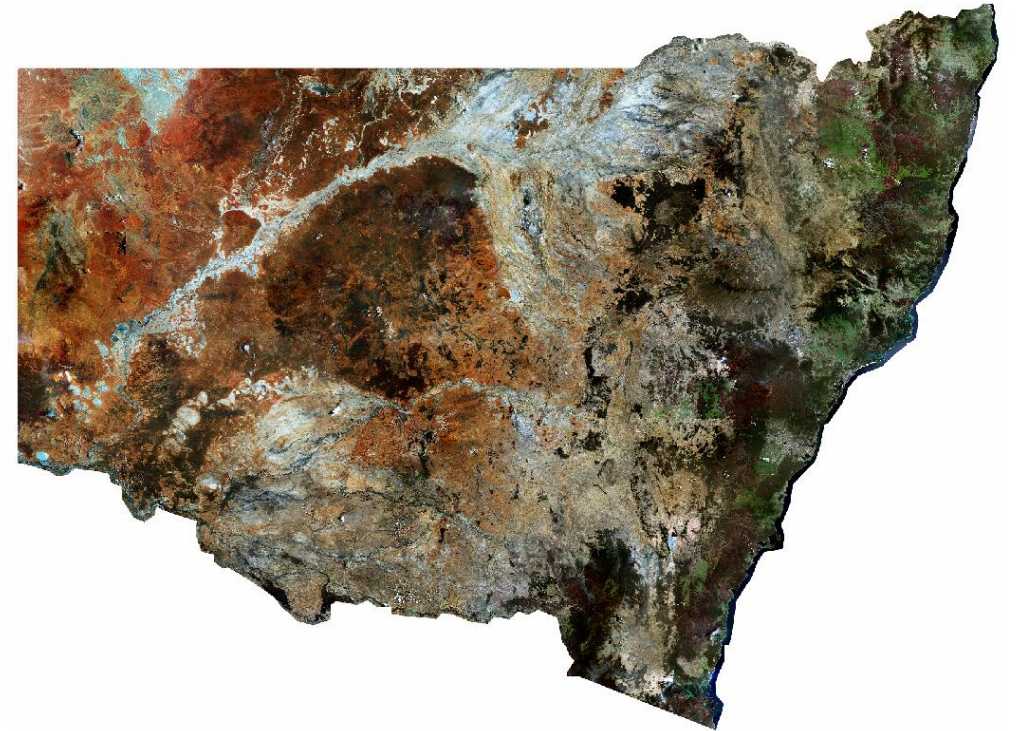
- 50cm resolution imagery (100k mapsheets)
- 10cm resolution imagery (custom AOIs)
- Emergency response & Adhoc requests (custom AOIs)
- 3D Reality Meshes
- Whole of Government 1.5m Satellite imagery (Statewide – RGB, 100k mapsheets – RGBN)

Imagery Capture for 20/21



Imagery Data Access

- SIX Maps Viewer (<https://maps.six.nsw.gov.au/>)
- Web Map Service (https://www.spatial.nsw.gov.au/products_and_services/web_services/access_web_services)
- For all other products please contact our Service Delivery team (SS-SDS@customerservice.nsw.gov.au)



Remote Sensing Services and Equipment Prequalification Scheme



Schedule B – Data and Processing

Satellite data capture & processing

Airborne imagery capture & processing

Airborne LiDAR data capture & processing

Radar data capture & processing

Terrestrial data capture & processing


Bathymetric data capture & processing

Remote Sensing Services and Equipment Prequalification Scheme

Benefits of using the ReSSE Prequalification Scheme can include:

- ✓ Guidance through the procurement process
- ✓ Writing data specifications
- ✓ Assistance with licencing for whole of government
- ✓ Data quality assurance
- ✓ Improved data currency and access

Changing the Way Forward



REQUEST FOR IMAGERY AND ELEVATION CAPTURE

Instructions:

- Complete the form below.
- Fields Indicated with an * are required.
- Hit SUBMIT on the saved PDF and return to email ss-sds@customerservice.nsw.gov.au

Spatial Services
Department of Customer Service
346 Panorama Ave
Bathurst NSW 2795
Ph: 02 6332 8287

Requester

Name*: Organisation*:

Phone*: Email*:

Funding*: No Yes If yes, minimum amount*:

If no, justification:

Imagery

Mosaics

10cm 50cm (mapsheets)

other cm

Reality Mesh

other cm

Additional Information:

Capture time frame:

From: To:

Products required by:

Image of required area (with relative imagery reference)

Click here to attach a screenshot in PDF format

[Attach file \(.zip\)](#)

Elevation

Point Cloud Density

1 pt/m² 4 pt/m²

2 pt/m² other pt/m²

Additional Information:

Capture time frame:

From: To:

Products required by:

Image of required area (with relative imagery reference)

Click here to attach a screenshot in PDF format

[Attach file \(.zip\)](#)

SUBMIT

Other

Capture time frame:

From: To:

Products required by:

Image of required area (with relative imagery reference)

[Attach file \(.zip\)](#)

Changing the Way Forward

Requestor

Name*: Organisation*:

Phone*: Email*:

Funding*: No Yes If yes, minimum amount*:

If no, justification:

Please provide detailed justification to support your request, such as; benefits and/or savings of requested capture



Changing the Way Forward

Imagery	Elevation
Mosaics 10cm <input type="checkbox"/> 50cm (mapsheets) <input type="checkbox"/> other <input type="text"/> cm	Point Cloud Density 1 pt/m ² <input type="checkbox"/> 4 pt/m ² <input type="checkbox"/> 2 pt/m ² <input type="checkbox"/> other <input type="text"/> pt/m ²
Reality Mesh other <input type="text"/> cm	
Additional Information: <input type="text"/>	Additional Information: <input type="text"/>
Capture time frame: From: <input type="text"/> <input type="checkbox"/> To: <input type="text"/> <input type="checkbox"/>	Capture time frame: From: <input type="text"/> <input type="checkbox"/> To: <input type="text"/> <input type="checkbox"/>
Products required by: <input type="text"/> <input type="checkbox"/>	Products required by: <input type="text"/> <input type="checkbox"/>
Image of required area (with relative imagery reference) <input type="text"/> <i>Click here to attach a screenshot in PDF format</i>	Image of required area (with relative imagery reference) <input type="text"/> <i>Click here to attach a screenshot in PDF format</i>
<input type="button" value="Attach file (.zip)"/>	<input type="button" value="Attach file (.zip)"/>

Changing the Way Forward

Other

Capture time frame:

From:  To: 


Products required by: 

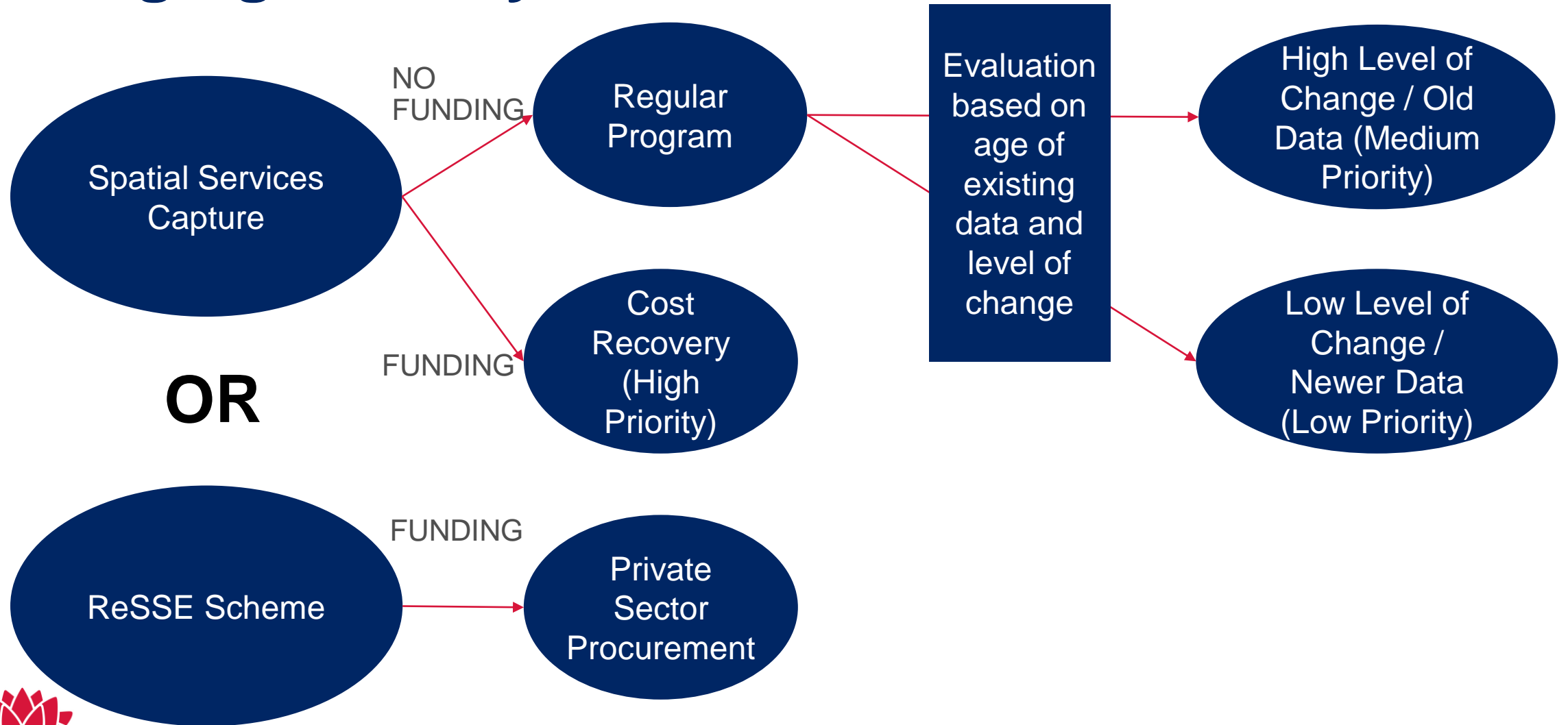
Image of required area (with relative imagery reference)

[Click here to attach a screenshot in PDF format](#)

Attach file (.zip)



Changing the Way Forward



QUESTIONS?

Shawn Ryan

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Scheme Manager

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SS-Environmental@customerservice.nsw.gov.au

