

Partnering...

Portland Coastal Stability

Assessment – Risk Management

Malcolm Armstrong

Operations Manager /

Infrastructure Development Engineer

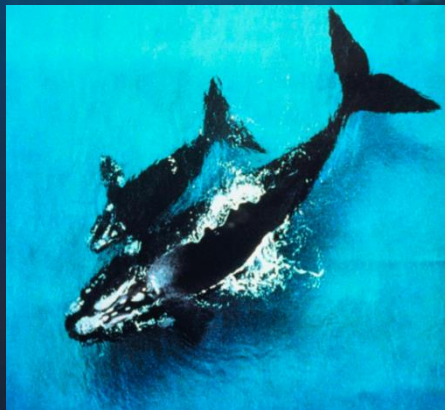


***We respect the lands and waters of
the Gunditjmara, Bunganditj &
Jardwadjali people***



I AM THE FINAL FRONTIER. THE PORTAL TO THE DEEP. I AM THE GIFT OF ANCIENT MARINERS, A SEA FARING STORY TO BE TOLD. I AM THE MIGHTY BREECH OF A SOUTHERN RIGHT. I'M THE THRASHING TUNA ON THE LINE, THE BREAKWATER CATCH THAT BECOMES THE LEGEND. I'M A LONG, COLD, BLUE, BLACK, SOAK. LET ME TELL YOU, I AM NOT FOR THE FAINT OF HEART, BUT I'LL STAY WITH YOU FOREVER IF YOU SEE ME AS I AM. A WILD BEAUTY WITH AN UNTAMEBLE SPIRIT. I AM A TALE OF TWO HISTORIES. WHERE THE STATE'S FIRST SETTLERS LAID THEIR SEED, ON A LAND STEEPED IN GUNDITJMARA DREAMING. I AM A WALK THROUGH A PETRIFIED LANDSCAPE. I AM A WANDER THROUGH TIME ITSELF. I AM A STEP OFF THE EDGE OF THE Earth. THE CAPTAIN OF MY OWN ADVENTURE.

Fast Facts...



<https://www.iamportland.com.au/whale-mail-portland>



Our focus

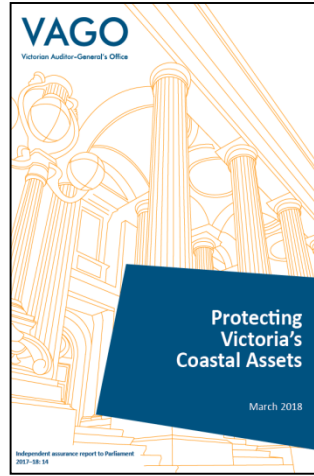
2016 Need a Partnering Strategy for Funding Risks

- **Portland Coastal Stability Assessment**
 - \$50m+ of assets; Beyond CoM funding capacity.
 - Community concerns / High risks / ..need for action & funding
- **Dutton Way Revetment (sea wall) Design**
 - \$35m+ of sea wall; DELWP Asset Owner and Risk Owner
 - Community concerns/ High risks / no maintenance for years
- **Bridgewater Foreshore Master Plan (hidden sea wall)**
 - \$10m+ of assets inc. SLSC, Café, Amenities, only through road
 - Shovel ready master plan High risk why not fund?



Our past

VAGO...” agencies are not managing their assets adequately”

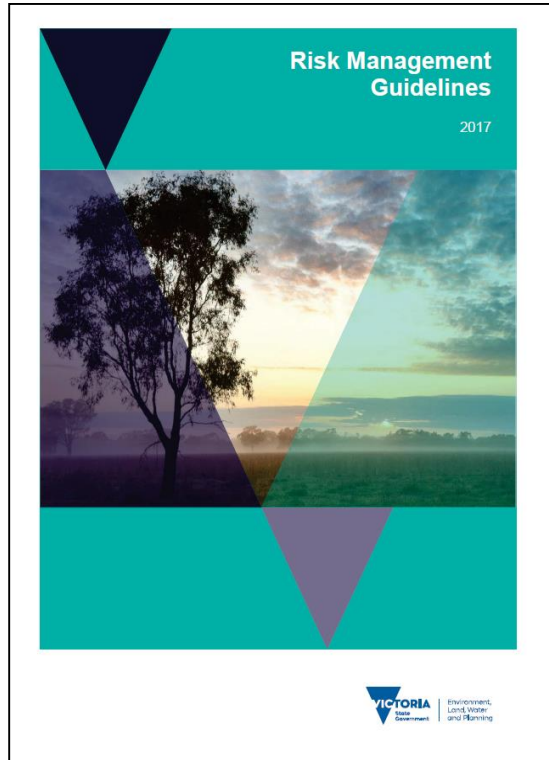


Mandatory - Asset Management Accountability Framework

- *Financial Management Act*
- Accountability framework ~ISO 55000
- Mandatory requirements
-But who's Risk Guidelines to use?

Our Partners Framework

DELWP Risk Management Guidelines 2017



- Stronger joint protection legally by creating a stronger framework
- One DELWP system for assets / priorities / funding
- Partnered for ***Outcomes / funding priorities / Action***

Portland Cliffs

Portland Coastal Stability Assessment report

- Partners: Council / DELWP grant
- *Used* DELWP's Guideline/ risk register/ State sRisk inter-Dep Committee (IDC).
- Ethical/ safety need to release report asap to Community
- 3D model +/- 1 to 20mm / existing conditions captured

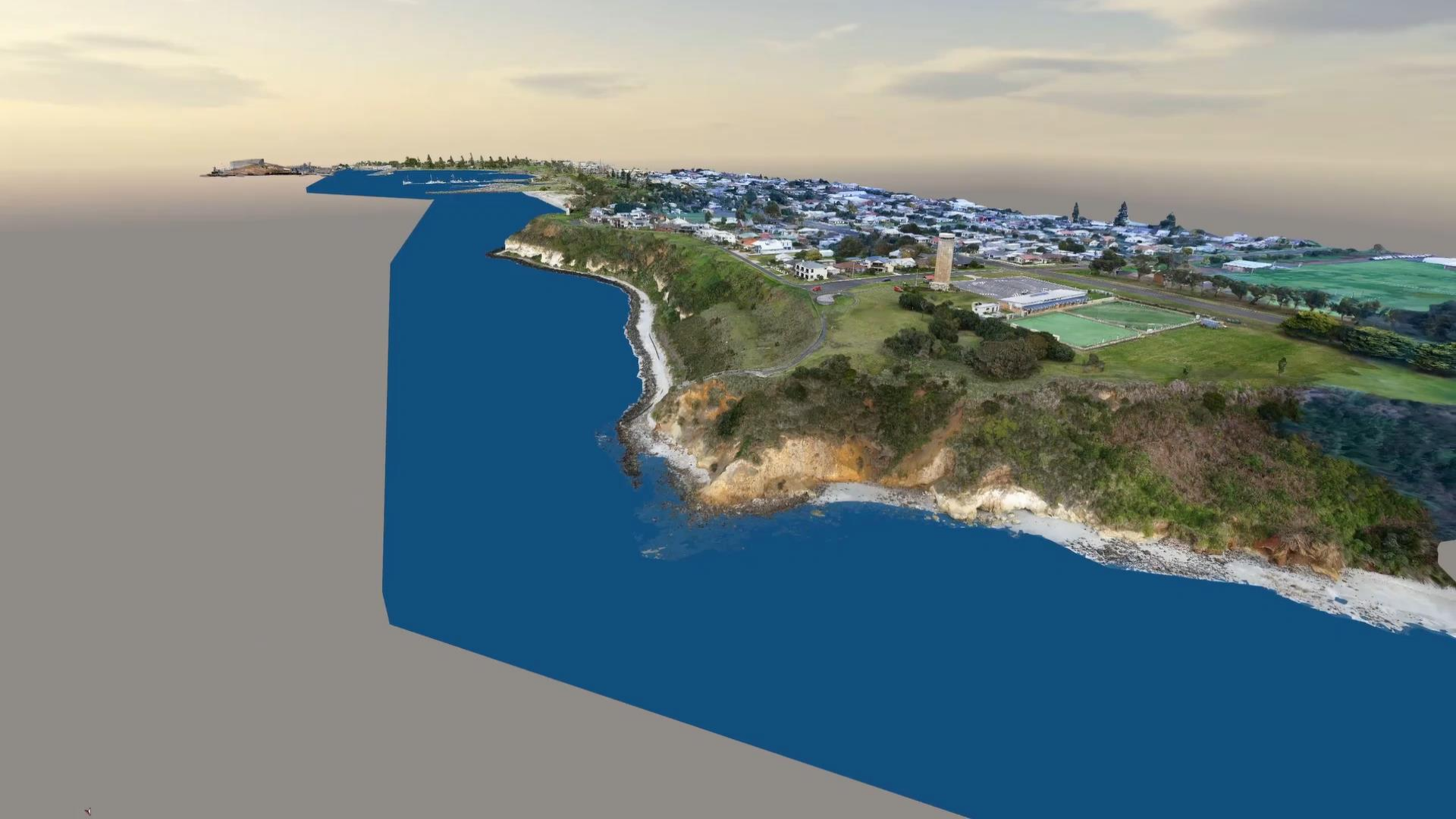
3D model Portland Cliffs

- 2.5 km of cliffs ...& 78 risks... many are "High risk"
- ~\$50m assets - 47 homes / caravan park / walks close to cliff

- **\$1m needed to make safer**

- Most years \$0 spent on safety, ..mainly maintenance.....of temp flagging
- Asset owner and Risk Owner is DELWP / Council as CoM

3D model Portland Cliffs design



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Dutton Way Revetment

Dutton Way Design of revetment review

- Partners: Council / DELWP grant
 - Design needed to assess Risk > ensures Priorities are considered
 - Ethical need to release report
 - 3D model +/- <20mm by Deakin University Dr Blake Allan
- [3D model Dutton Way](#)
- 10 km of Revetment –due to erosion from Port built in 1956-60
 - \$35m+ asset – protecting over 100 homes
 - **5% \$1.75m make safer & 1.5% \$500k maintain**
 - State Duty of Care ...Erosion due to construction of 1960's Port... now sold off
 - Revetment Asset owner and Risk Owner is State / DELWP
 - Council seeks to assist DELWP to get appropriate State funding...e.g. this forum





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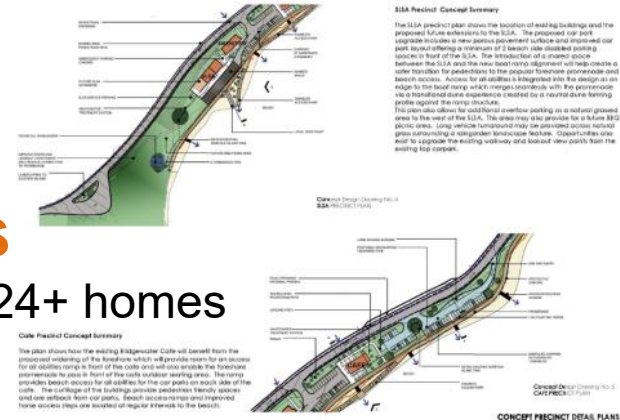
Bridgewater & Hidden Revetment

Bridgewater Master Plan Design 2014

- Partners: Council / DELWP / Berry and Whyte Surveyors 3D model
- Master plan design **is shovel ready** with costal consent.
- 3D model +/- 1 to 20mm by Berry and White Surveyors

3D model Bridgewater

- 750m beachloved to death.... 1960's Revetment
- Most years; pushing up sand for coastal maintenance
- **\$3.5m to save \$10m+ assets**
- Café / toilet Amenities \$3m /.. SLSC \$3m / only Rd &...24+ homes
- Seeking State / Interagency relationship to review risks





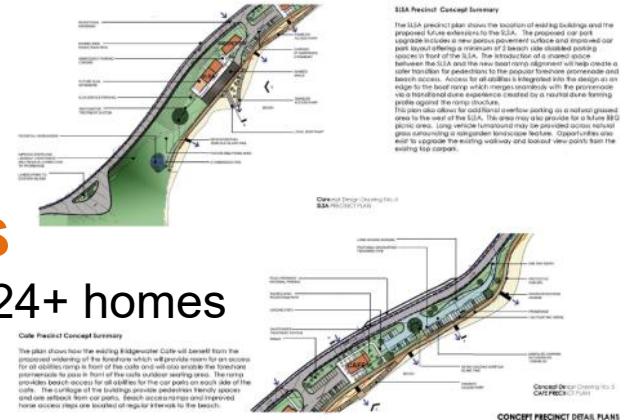
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Challenge Going forward

Councils challenges - **120 services:**

- **Libraries, Child Care, Pools, Civic centres / halls, Foreshore CoM**
- **1140 km** sealed roads; **1,498 km** Gravel roads
- **47** bridges, **36** culverts; **150km** Footpaths / paths
- **20,000** residents **1/3** retired
- **Limited Budgetsto cost shift more onto LGov.**

The challenge...all asset owners using the States AM Accountability Framework
..aspiring to ~ ISO 55000



Any Questions ?

