

# Future of Coastline Report

Department for Environment and Water (DEW)

## **The Square Holes Team:**

Jason Dunstone [Managing Director]

Linley Bertram [Project Director]

Christine Dunstone [General Manager]

Dylan Jacob [Research Analyst]

## **Data Collected:**

15<sup>th</sup> – 30<sup>th</sup> September 2020

Square Holes Pty Ltd  
8-10 Regent Street Nth, Adelaide 5000  
[www.squareholes.com](http://www.squareholes.com)

Job No.: 200805  
Proposal No.: 20063

# Table of Contents

---

<b>Background</b>	3	<b>Focus group summary</b>	18
<b>The Mission &amp; objectives</b>	4	Usage and value	20
<b>Methodology &amp; approach</b>	5	Emotional connection	21
<b>Executive summary</b>	7	Changing beaches	22
Overview	10	Awareness of management	23
Public knowledge and project support	13	Sand movement and works	24
Dashboard	14	'Securing the Future of Our Coastline' program	26
Communication requirements	16	General perceptions	27
Communications messages and channel	17	Necessity of project	29
		Project benefits	30
		Communication	35
		Community reference group	39
		<b>Survey findings</b>	48
		<b>Survey data</b>	63
		<b>Appendices</b>	112

---

# Background – ‘Securing the Future of Our Coastline’

In June 2019, the South Australian government announced a \$48.4 million investment to the metropolitan coast over four years. This consists of \$20 million for additional sand including approximately 500,000 cubic metres (m<sup>3</sup>) of newly sourced sand; and \$28.4 million for the completion of a sand recycling pipeline from Semaphore to West Beach, as well as sand dune restoration and revegetation in partnership with local councils and coastal community groups.



Government of South Australia

Department for Environment  
and Water

The beach replenishment will put sand on our most vulnerable and eroded beaches including West Beach and Henley Beach South, with benefits to other beaches as sand naturally moves northward.

The current coastline management strategies have resulted in some vocal opposition from some sectors of the community and thus Square Holes was engaged to help explore the issue amongst the wider community to ensure the inclusion of a sample representative of the whole community, many of whom may be supportive but unlikely to seek out opportunities to voice their opinions.

**Market research will provide the opportunity to explore broad community understanding and attitudes to managing Adelaide’s coastline.**

What does ‘Securing the Future of Our Coastline’ represent to the different audiences and segments of the community, and what is the common thread? The research will also identify strategic priorities, reality as to the challenge ahead and next steps.

# The mission & objectives

“To gain a better understanding of community awareness, sentiment and understanding of how and why Adelaide’s beaches are managed across a broad community demographic”

## **Sub-objectives amongst the general population and the Community Reference Group**

1. Awareness and knowledge of South Australian beach management including
  - Responsibility
  - Natural sand movement and movement works
2. Awareness of the DEW Secure the Future of Our Coastline project
3. Attitudes and sentiment towards the program – perceived advantages and disadvantages
4. Awareness of communication and consultation amongst the community
5. Future communication needs of beach users and the wider community
6. Future priorities

# Methodology & approach: Qualitative

The research methodology consisted of 4 focus groups and an online survey exploring community awareness, sentiment and understanding of Adelaide's beach management:

The recruitment criteria for each focus group was as follows:

- Group 1: Northern beaches residents (North Haven - West Beach)
- Group 2: Coastal residents + one suburb back
- Group 3: General population north / north east suburbs skew
- Group 4: Community reference group

Participants were recruited from:

- **Square Holes' panel** which is an opt in panel managed and used only by Square Holes, comprised of South Australian residents aged 18+. Participants are invited to participate (maximum twice per year) and must meet specific criteria for each project to ensure relevance and a mix of age, gender, other demographics and geographic location.
- The **Semaphore to West Beach pipeline project *Community Reference Group***.

This project was carried out in compliance with ISO 20252.

## Focus Group Sample Overview

<b>Number of focus groups</b>	4
<b>Group composition</b>	Group 1: Northern beaches residents (from North Haven to West Beach)  Group 2: Coastal and near coast residents  Group 3: General population north / north east suburbs skew  Group 4: Community reference group
<b>Total number of participants</b>	27
<b>Group length</b>	90 min
<b>Group location</b>	Square Holes Adelaide office
<b>Moderation</b>	Jason Dunstone
<b>Honorarium</b>	\$70
<b>Collection Dates</b>	15 <sup>th</sup> – 16 <sup>th</sup> September 2020

# Methodology & approach: Quantitative

The overall number of responses for the survey was 401, a statistically valid response to conduct meaningful and robust analysis at an overall level with a margin of error of [+/-5%], with a 95% confidence interval.

Results were analysed and reported at an aggregate level, with segmentations to compare preferences of key audiences.

This project was carried out in compliance with ISO 20252.

Survey Sample: Metropolitan SA General Population	
<b>Sample achieved</b>	n=401
<b>Sample source</b>	Research only online panel
<b>Distribution of survey</b>	Square Holes
<b>Questionnaire length</b>	< 10 min
<b>Collection Dates</b>	23 <sup>rd</sup> – 30 <sup>th</sup> September 2020

Survey Sample Profile	%	n
<b>Total</b>	100%	401
<b>Lives in a beachside suburb</b>	32%	52
<b>Does not live in a beachside suburb</b>	68%	112
<b>Non beachside council</b>	59%	237
<b>18 – 29</b>	20%	71
<b>30 – 44</b>	24%	116
<b>45 - 64</b>	39%	149
<b>65+</b>	16%	65

Note: 'Lives in a beachside suburb' and 'Does not live in a beachside suburb' were respondents who lived in a beach side council

# Executive Summary

# Executive summary

South Australian beaches play a **critical role** in people's lives both somatically and spiritually. As such, there is a general sense that a level of **maintenance is required** for them to be continually enjoyed.

The project and pipeline is **by and large supported**, however, there are somewhat **low levels of trust** in the process and an overall **scepticism** surrounding community voice and value. The proposed pipeline to some extent feels **imposed** on the community, rather than being the result of thoughtful and collaborative discussions/ research.

The survey results are **generally positive**, with most being in support of the project, yet the tone of the focus groups was often **cautious** and concerned regarding transparency and processes.

Fundamentally, people agree the project is a necessity moving forward, however a current environment of **nervousness and distrust** means the community seeks a level of **communication** and **understanding** around the processes undertaken and the ultimate decision that has been reached.



“It needs to happen obviously, it's just, we'd like to know how because we are, despite not knowing, we're not idiots. **We'd like to be spoken to like we have valuable voices and we're valued citizens of the state**, to know this is what's going to happen. You want your beaches, this is how it's going to happen and they lay it all out”

(Coastal resident or one suburb back, Group 2)

“I would have liked to have seen them **convince us** that the pipeline was a good idea, not to tell us”

(Community reference group, Group 4)

“It'd be good to know more of the reasoning, its just sort of like ‘oh we're going to fix it’, but not really saying who's been consulted or that sort of thing. It'd be good to get **more education** about it I think”

(Northern beach resident, Group 1)

# Overview of support/opposition

## Support

- ✓ Ensures the **survival of sandy beaches**:
  - Good for mental health and resident satisfaction
  - Maintaining real estate values
  - USP for Adelaide through the offering of a plethora of high quality beaches
- ✓ **Better alternative** than trucking:
  - Less disruptive and more efficient

*"Well what they're saying is, we've got a problem, we can fix it. It's going to cost us money and that's what we've got to do... Now you either want your beaches or you don't. It's that simple"*

*"The impacts for people using the beach is improved by having an underground pipe that you don't even need to know is there... Yes you might hear the pump when it's running, if that's how it works I don't know but it's better than not being able to access a whole stretch of beach because there are trucks constantly"*

## Opposition

- ! Cost and **perceived value** of such a project
- ! Questions surrounding the efficiencies of **working against the natural flow** of sand movement
- ! Limited communication of the **long term plan** to sustainably manage the coastline (e.g. battling erosion and constant sand movement)
- ! Various **other concerns** relating to the pipeline

*"We've got to start actually slowing the erosion. That would slow the whole system down, and stop having so many trucks"*

*"That \$52.4 million is merely the absolute tip of the iceberg, because it's fighting a losing battle, as you can see from the pictures. You put it there, it gets washed away. You put there, it gets washed away. It will keep continuing like that forever, and it will probably get worse"*

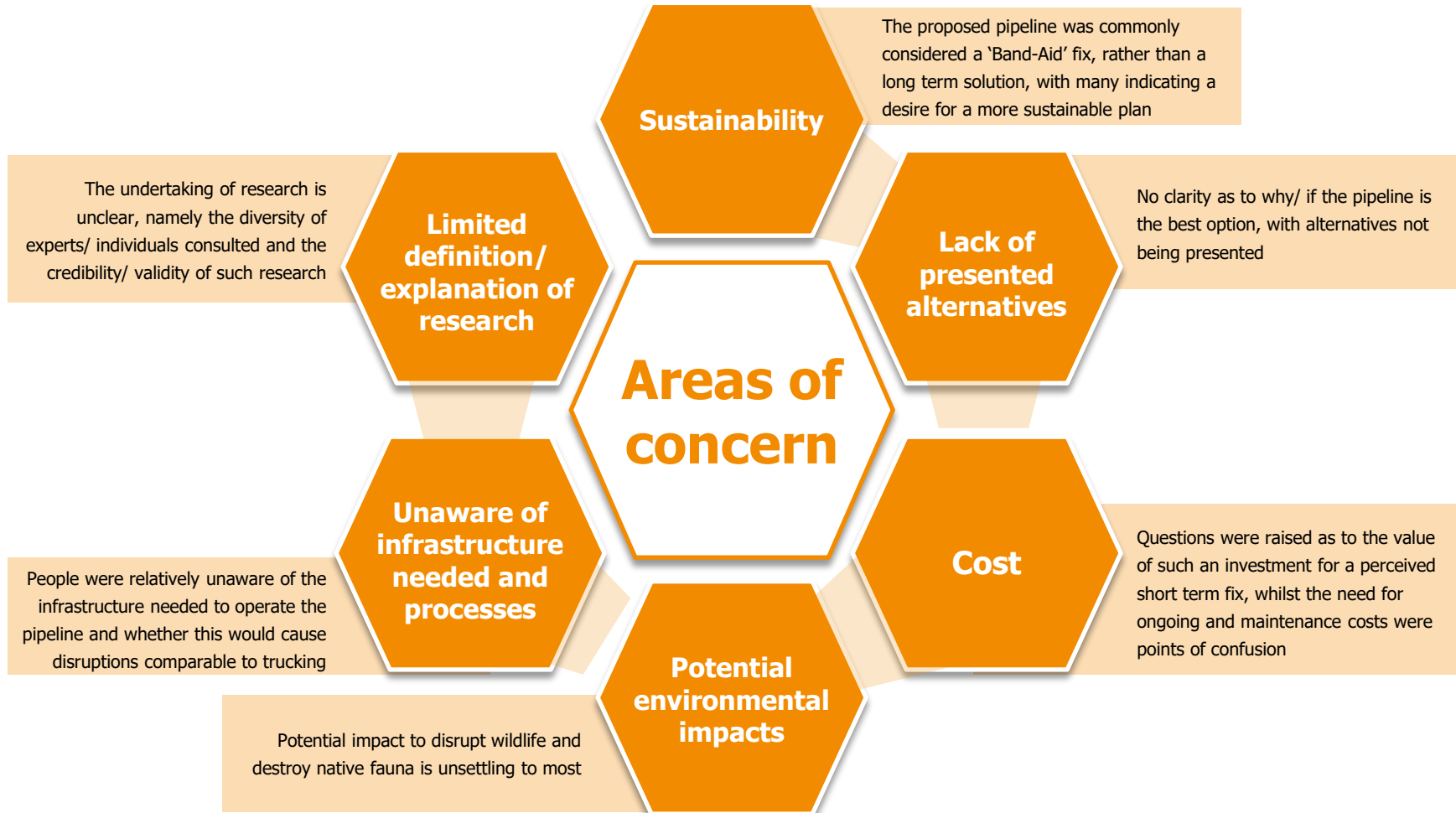
# Pipeline Project benefits

1. The **survival of sandy beaches** is ensured, which has long lasting impacts on improved mental health, resident satisfaction, real estate values and Adelaide's unique selling proposition of countless quality beaches
2. Acts as a **better alternative to trucking** (i.e. less disruptive and more efficient)

“Myself and a lot of others I'm sure will just take our beaches for granted and these things need to be done. If one day if all of a sudden I didn't have access, it would definitely be like, **why didn't we do something**”

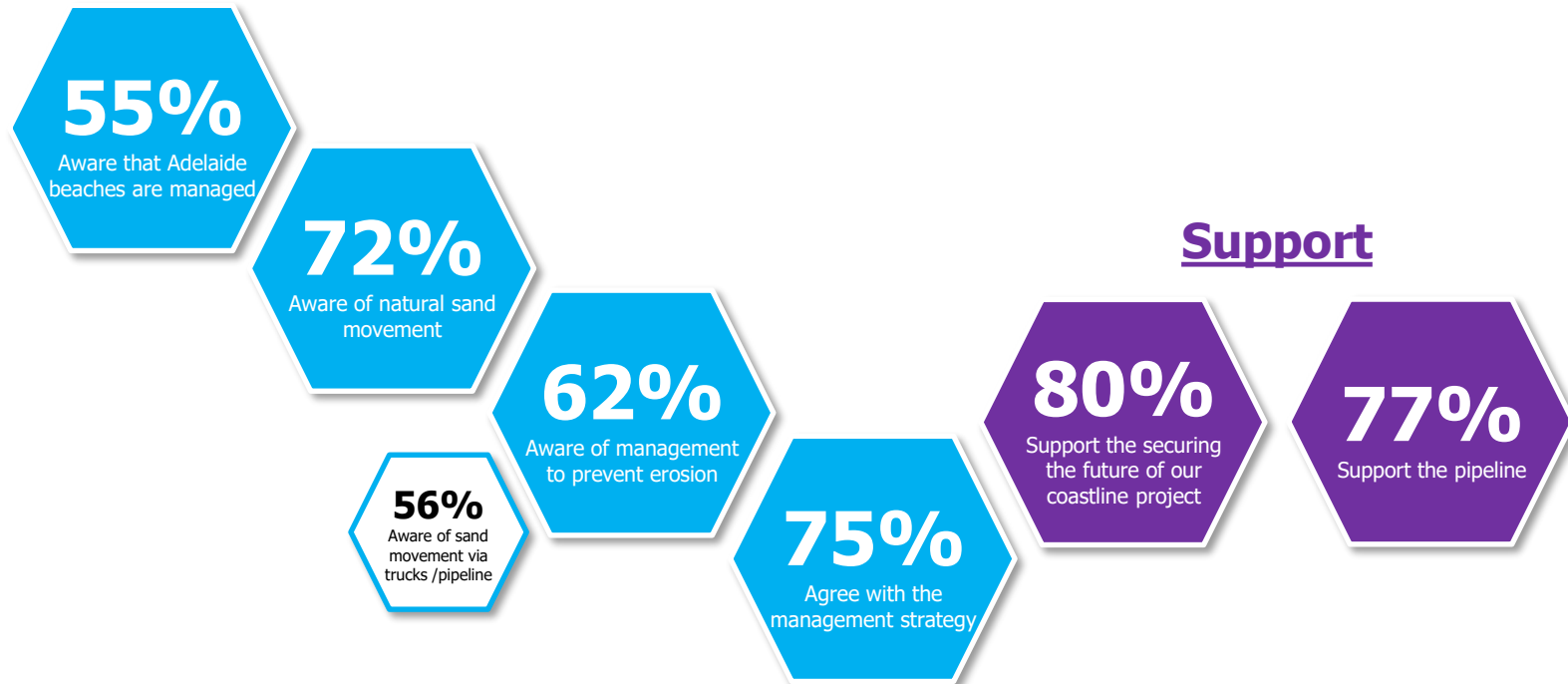
(Coastal resident or one suburb back, Group 2)

# Areas of concern for proposed pipeline



# Public knowledge and project support

There is a **strong support for the Securing the Future of Our Coastline Project as well as the pipeline**, despite a lower awareness of how beaches are currently managed and sand movement activities.



# Dashboard: Beach management knowledge

	Total	Beachside council		Non beachside council
		Lives in a beachside suburb	Does not live in a beachside suburb	
<b>Awareness of Adelaide's beaches being 'managed'</b>	55%	66%	55%	51%
<b>Perception of who is responsible for managing Adelaide's beaches</b>				
Local Council/ Local Government	82%	90%	85%	80%
State Government	36%	36%	30%	38%
All beach users	21%	28%	19%	21%
Residents	13%	15%	5%	17%
<b>Heard of sand movement via trucks or pipelines</b>	56%	79%	57%	50%
<b>Aware of/ seen sand movement activities</b>				
Trucks moving sand along the beaches	48%	68%	53%	42%
Pipelines being built or used	21%	36%	12%	22%
No, have not seen any sand movement	47%	25%	47%	52%

# Dashboard: Attitudes towards the project

	Total	Beachside council		
		Lives in a beach side suburb	Does not live in a beach side suburb	Non beachside council
<b>Overall agreement with strategy of moving sand from the northern to southern beaches</b> <small>[Those who responded 'strongly agree' or 'agree']</small>	75%	71%	75%	76%
<b>Overall support for the 'Securing the future of our Coastline' project</b> <small>[Those who responded 'strongly support' or 'support']</small>	80%	94%	82%	77%
<b>Importance for information surrounding projects such as this to be shared</b> <small>[Those who responded 'extremely important' or 'important']</small>	73%	88%	69%	72%
<b>Most important project information to share</b>				
Any impacts around beach access to the public	72%	84%	69%	70%
Cost of the project	58%	55%	54%	61%
Environmental impacts	54%	66%	61%	48%
Facts that support the project to help educate people	51%	52%	60%	47%
When the pipeline will be constructed / length of construction time	48%	51%	45%	49%



## Key information requirements

72%	Impacts on beach access
58%	Cost
54%	Environmental impacts
51%	Facts about the project
48%	Timeline

- There is a general sense that **something needs to be done** in order to ensure the survival of Adelaide beaches
- Even so, there is a call for greater **transparency, communication** and discussions around **a longer term plan**
- **Images of past successes** are an **effective tool** in adding trust and credibility to the proposed project
- They also work to help **cut through the clutter** of large amounts of information



Communication to overcome concern, is critical	
<b>Beachside residents and General population</b>	<b>Community Reference Group</b>
<p><b>Concerns</b></p> <ul style="list-style-type: none"> <li>▪ Long term sustainability of the pipeline as a solution</li> <li>▪ Cost and value</li> <li>▪ Alternative solutions</li> <li>▪ Impact on beach usage</li> <li>▪ Potential environmental ramifications</li> <li>▪ Research conducted</li> <li>▪ Specificities surrounding infrastructure and operations</li> </ul>	<ul style="list-style-type: none"> <li>▪ Cost and value of the project</li> <li>▪ No long term sustainability</li> <li>▪ Tension and distrust surrounding DEW and the project</li> <li>▪ Do not feel valued</li> </ul>
<p><b>Messages</b></p> <ul style="list-style-type: none"> <li>▪ Inform and educate on the project and pipeline operations, explaining what impacts on beach usage are to be expected (potentially specific to each suburb/ council)</li> <li>▪ Define research and alternatives (illustrating why the pipeline was chosen)</li> <li>▪ Outline intentions/ actions for a more sustainable plan</li> <li>▪ Use testimonials and images to promote trust and credibility</li> <li>▪ Transparency surrounding the need for the project (e.g. man made developments)</li> </ul>	<ul style="list-style-type: none"> <li>▪ Convey importance of opinions</li> <li>▪ Transparency surrounding government intentions with the future of project</li> <li>▪ Make time for two way discussions</li> </ul>

# Focus group summary

## Group One

- **Northern beaches residents**
  - Mix of male and female and ages
  - Frequent beach users, predominantly; Semaphore, Largs, Tennyson, West Beach, Glenelg and Henley
- 

## Group Three

- **General population north / north east suburbs skew**
  - Mix of male and female mix of ages
  - Most frequent usage in summer, mostly Grange, Somerton, Brighton, West Beach, Semaphore, Largs, Henley and Noarlunga
- 

## Group Two

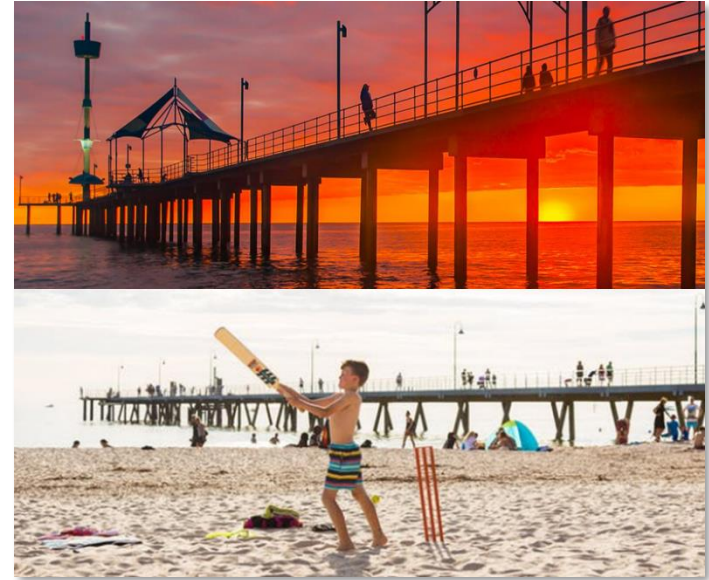
- **Coastal residents and one suburb back**
  - Mix of males and female and ages
  - Frequent beach users, predominantly; Brighton, West Beach, Henley, Glenelg, Semaphore and Somerton
- 

## Group Four

- **Community reference group**
  - Mix of male and female mix of ages
  - Members of various community groups (Henley Dunes Care Group, CEPG, Semaphore Largs Dunes Group, SOS Semaphore Largs Bay, Friends of Gulf St. Vincent, SOS and PAPRG and Save West Beach Sand)
-

# Usage and value

- The beaches of Adelaide are highly valued amongst residents, in large due to ease of accessibility and welcomeness, partnered with their ability to accommodate a diverse range of somatic and spiritual needs:
  - Nostalgia
  - Recreation
  - Calming atmosphere
  - Socialising
  - Exercise
  - Family activities
  - Stress relief
  - Comfort and happiness



“For me, **they are my happy place** and I'm absolutely obsessed with the beach, I will go there every chance I get. I **use them for a range of things**, so it might be for family getaways, sunbathing, swimming, catch-ups with friends, walks for the dog, pretty much everything”

(General population north, Group 3)

# Emotional connection

- Adelaide's coastline is a source of pride for residents, with many indicating an emotional connection to 'their' beach, particularly those who live closest

"I've been going since I was a child and I just have such fantastic memories... it's a very nostalgic place and I'm **constantly bragging to whoever will listen about how Adelaide has the best beaches** in the world... it's just everything about it. I think we're so lucky"

(Coastal resident or one suburb back, Group 2)

"I think this is a possessive issue. **This is my home, this is my identity**... there's more ownership in this I think"

(Northern beach resident, Group 1)



# Changing beaches

- Whilst Adelaide beaches continue to be loved, they have experienced significant change over recent decades, both positively and negatively:
  - Diminishing sand and sand dunes
  - Developments (such as Henley Square) increasing vibrancy, popularity and feel
  - Housing and properties being built along the coastline



“When I was a kid you played in the sand hills at West Lakes and you could slide down them, and there were farms down there. There was no houses down there. Look how that's changed. But they still have preserved a certain barrier. They haven't, like in Sydney they've built too close and they've lost houses and that. We've not done that. We've stayed back a bit... **we've encroached on it but we haven't ruined it yet**”

(Coastal resident or one suburb back, Group 2)

“In West Beach, just locally, within that last 10 years... **there's just no beach there anymore**, and the water is just smashing into the rocks, so where we would've been 10 years ago, we would've been drowning at this point”

(Northern beach resident, Group 1)

# Awareness and understanding of management

- **A general consciousness of beach management exists**, mainly from what they have seen or experienced (e.g. trucks, maintenance work etc.)
- Those who live closer to the coast have **stronger awareness** and are **more invested** in the process of management

“[At] West Beach you're **constantly seeing all the work that's being done** down there and years of trucking the sand and sometimes we would go down to West Beach and there would just be trucks or, it kind of takes away from that feeling of getting away from the noise and city life because it's just trucks and workers everywhere”

(Coastal resident or one suburb back, Group 2)

“They've been **doing a lot of work at Glenelg at the moment**, in front of the surf club with sand management. I'm not sure if they're shipping it, because there's also work going on in front of the West Beach surf club, there's a whole redevelopment there”

(Coastal resident or one suburb back, Group 2)

“The amount of money they're spending on it? Moving sand all over the place? Absolutely, they could build a hospital for what they've spend moving the sand around... you see that they're doing something, there's always trucks on the beach. **They're doing things, but they're not necessarily doing them effectively**”

(Northern beach resident, Group 1)

Illustration A – Natural Sand Movement



- Broad awareness of natural sand movement, with general appreciation for the management conducted to maintain the beaches
- Strong acknowledgement of the negative impact developments have had on this natural movement and rate of erosion however

“I'm **pleased that they do manage** because without the management, it would change the beaches themselves which then would affect the communities in those areas if the beaches deteriorated without the sand”

(Coastal resident or one suburb back, Group 2)

“[I] don't know whether if we allow that to happen naturally whether sand would effectively disappear from Seacliff upwards, Kingston Park upwards. Whether it would just become more rockiness or whether there's more sand coming up from south... As soon as you put in a breakwater or any development it completely changes it, so **it's hard know how it would be if there were no developments there**”

(Coastal resident or one suburb back, Group 2)



# Sand movement works/ sand pumping

- **Some awareness** from what they have seen/ experienced (e.g. trucks, pumping stations)
- Broad perception that sand management is positive to ensure beaches remain sandy and useable, with some small pushback as to the effectiveness of attempting to work against nature

“We've got the **new sand slurry**, going from north down to our beaches and at least once a week I see it just down by Hove there, the plume of sandy slurry coming out and so that investment in getting the sand there is a lot better than big trucks driving down... Also down our way they've put these **massive sand bags** every couple of years and refreshed them, which helps to slow it down from its northward migration and you see graders down there sometimes smoothing it all out”

(Coastal resident or one suburb back, Group 2)

“If you don't keep the beaches replenished, then the **real estate value will drop**... But as well, from a point of people's well-being, isn't it **better to manage the beach and have the sand**, and you have more people going there, and more people are feeling good, it's relaxing.

It's their happy places. Rather than just letting it go to rot?”

(General population north, Group 3)

# **'Securing the Future of Our Coastline' program**

# General perceptions from video

- **Positives can be seen**, with most recognising the need for something to be done to ensure the continued survival of Adelaide's beaches
- **Some cynicism** did arise upon viewing, however:
  - Doesn't mention man made impacts
  - Needs more (what else is being done?)
  - Very PR wording and tone (feels like a good spin)
  - What research has been done?
  - Bigger picture and long term sustainability



“[The video said] it was all because of natural reasons. It didn't mention the fact that any of it is because of developments and what the **human impact** has been?... **I'm very cynical** and I'm like, well why do you need to do this? Probably because of man made reasons.... **Once you've caused a problem you've got to fix it**.... Lots of people do like the developments but there is a flow on effect to having them and changing what naturally exists”

(Coastal resident or one suburb back, Group 2)

- Images of past successes are an **effective tool** in adding trust and credibility to the proposed project
- They also work to help **cut through the clutter** of large amounts of information

## West Beach – before and after

Location: Rockingham Street dunes (north of the West Beach Surf Lifesaving Club)



## South Brighton restoration



“I think it's good to have a testimonial of what's worked. Like the point, about Kingston Park and Glenelg being maintained by sand piping, just along that part of the coast since 2013.

So we're not recreating the wheel, we know what works, we've tested and tried, we've had enough time to see the results of it, before they go gung ho implementing something else. So a bit of **trust and credibility** from this initiative, knowing that... versus maybe before, just trust these experts that consult on this stuff”

(General population north, Group 3)

“I think putting these photographs there, is a good thing... I think it kind of proves that it works and it's maintained, like looking at the time difference as well. Like it has a long-lasting change.... **people like to see reassurance** that what's going to be, what's been suggested, can actually work and is a useful investment”

(General population north, Group 3)

# Necessity of project

- There is a general sense that **something needs to be done** in order to ensure the survival of Adelaide beaches
- Even so, there is a call for greater **transparency, communication** and discussions around **a longer term plan**

“Well what they're saying is, we've got a problem, we can fix it. It's going to cost us money and that's what we've got to do... Now **you either want your beaches or you don't. It's that simple**”

(Coastal resident or one suburb back, Group 2)

“I think it's positive. I think it's good that they're thinking of it, and I think **it does need to be done**. There's just that tiny little hesitation in my mind that, is there any sort of risk with the pipeline and if so, what is it?”

(General population north, Group 3)

“If I go and I read, ‘Something needs to be done and yes, manmade and all sorts of things have created this so what's the solution’. [Then] you're getting **acknowledgement**... It's sort of an acceptance that they need to do something. We don't have a choice about it... We all want to enjoy our beaches, we all want the benefits that comes from having sand on the beach”

(Coastal resident or one suburb back, Group 2)

“I think it's more that their looking at **Band-Aid solutions**, and not looking at the bigger picture”

(Northern beach resident, Group 1)

# Project benefits

- Two key positive outcomes stemmed from discussions:
  - The **survival of sandy beaches** is ensured, which has long lasting impacts on improved mental health, resident satisfaction, real estate values and Adelaide's unique selling proposition of countless quality beaches
  - Acts as a **better alternative to trucking** (i.e. less disruptive and more efficient)

"Myself and a lot of others I'm sure will just take our beaches for granted and these things need to be done. If one day if all of a sudden I didn't have access, it would definitely be like, **why didn't we do something**"

(Coastal resident or one suburb back, Group 2)

"I thought it was really positive. Having travelled to places like Europe, where you have to go quite far to go to a beautiful beach, even in towns that are coastal, not all of them have access [to swimming]. I've even lived in Queensland and it's a similar thing there.

Some of them haven't been managed to an extent, and you just can't go there and swim, because the tide's really far out and things like that. So, for me, I think it's a great thing and I think it **makes Adelaide unique** in that you can go anywhere along the coast and get that same beach"

(General population north, Group 3)

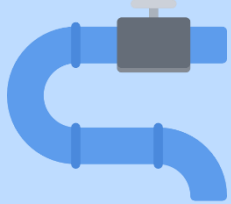
# Trucking vs. pipeline



- Inefficient and ineffective
- Noisy and disruptive
- Damaging to roads
- Eye sore
- Environmental impact

*"They've still got trucks down there [West Beach] because I was at one of the lifesaving clubs and you could not hear yourself talk because of the noise"*

*(Coastal resident or one suburb back, Group 2)*



- Better alternative to trucking
- Concerns over the long-term viability and sustainability
- Communication of other options, consultations and research needed
- Clarity of operations/ procedures

*"Just be thankful we're not using tons of trucks, which is the other way we would do it. It's less noise, and less congestion, less impact, so we're just doing that... we're digging up the drains to stick the pipes in, so you don't have to see the trucks"*

*(Northern beach resident, Group 1)*

"I think that's what they're playing on though. That it's better than the trucks, but **is it the solution?** Still not really seeing enough evidence, that it's convincing me... I'd like to see them say, 'we're doing this to stop the sand [erosion], but we're also going to rebuild the sea grass'... **put it in conjunction with something else"**

*(Northern beach resident, Group 1)*

# Areas of concern for proposed pipeline

## Sustainability

“The word that they love to use, ‘sustainable’, really? **Pumping and moving sand is sustainable? No**”

(Northern beach resident, Group 1)

“It's more putting on a **band-aid** on a much larger problem”

(General population north, Group 3)

“I accept it's probably a good investment for all sorts of reasons. But I still think they're going to have to come up with **something even more dramatic** than that, to achieve it in the long term”

(General population north, Group 3)

## Lack of presented alternatives

“Who are they consulting with? Is it just that it's the cheapest way to do something, or what are the other options? Because I haven't seen, being local, **I haven't seen the other options they've thought about**”

(Northern beach resident, Group 1)

“I would like more information about who they've consulted to come up with their resolutions, because **they've only provided two. Trucks or pipeline**”

(Northern beach resident, Group 1)



# Areas of concern for proposed pipeline

## Cost

“**People aren't convinced** that such a huge investment in something that's got a life of 20 years... is a good use of our money”

(Community reference group, Group 4)

“It says they'll make a \$52.4 million dollar investment. That's a new investment to put in the infrastructure and this will have to be maintained for years and years and years. **That \$52.4 million is merely the absolute tip of the iceberg**, because it's fighting a losing battle, as you can see from the pictures. You put it there, it gets washed away. You put there, it gets washed away. It will keep continuing like that forever, and it will probably get worse”

(General population north, Group 3)

## Environmental impacts

“Are we going to cause any more harm, that in another 50 years, we're going to have to fix because of the pipeline?... Just in what I've read, I **haven't seen a fact that tells me, 'Yes, it's safe'”**

(General population north, Group 3)

“I'd like to know the downsides to the pipeline. **Is it sucking in fish and destroying them** and... are they a casualty of this? What are the negatives? Have they been considered?”

(Coastal resident or one suburb back, Group 2)

# Areas of concern for proposed pipeline

## Infrastructure

“We're so **sick of seeing all the development**. It would be great to know when it will all just look nice... at the end of the day, we just want to enjoy it”

(General population north, Group 3)

“I'd like to know what that temporary infrastructure looks like, where it is? I know that the local beach goes, right where that would be, would be concerned about it... Like **if it's an eyesore and it's noisy**”

(Coastal resident or one suburb back, Group 2)

## Definition of research

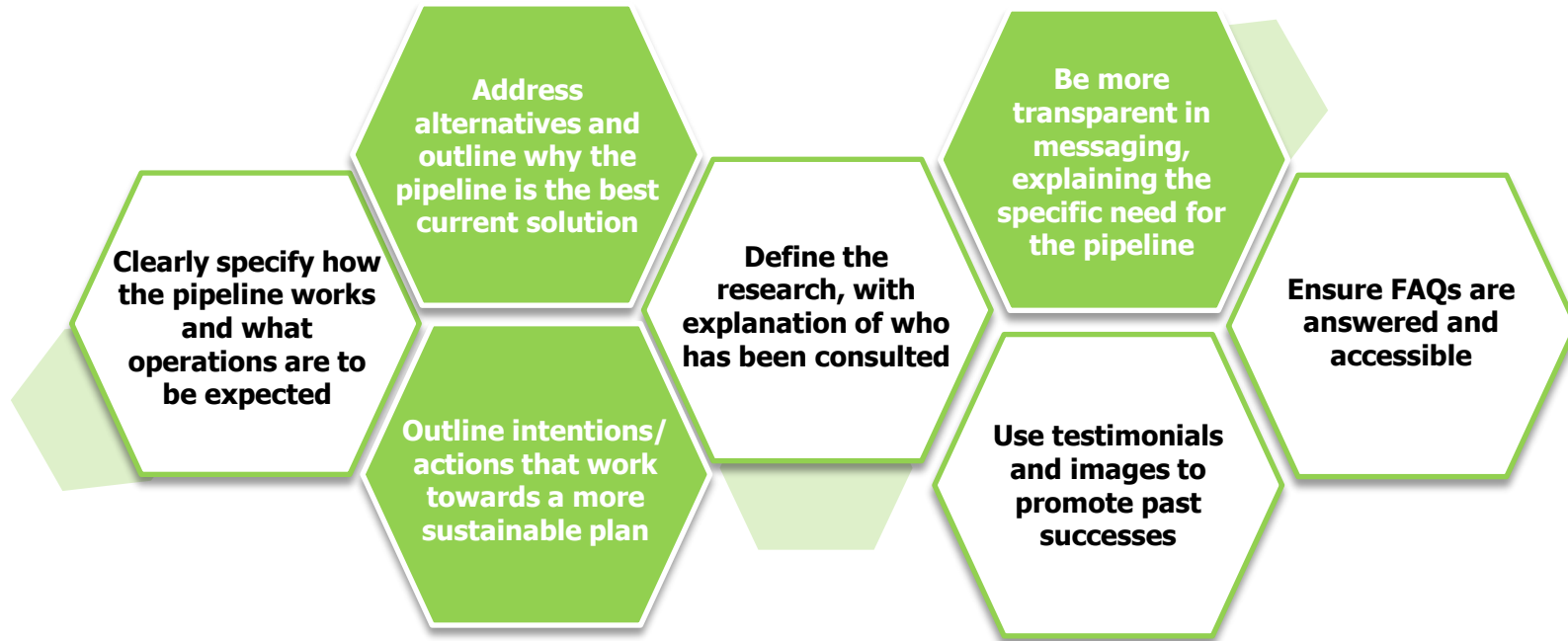
“I **don't know if they've listened to the actual experts**. A diverse range of experts, because somebody could be an expert, but they've all got different kinds of agendas. It needs to be a diverse range of them to get the right outcomes”

(Northern beach resident, Group 1)

“**Who are you consulting with?** Who's in charge of this? Nobody wants to put their face on it”

(Northern beach resident, Group 1)

- Main concerns stem from a lack of communication and information, therefore it is critical to ensure the project is promoted comprehensively with appropriate messaging to address areas of reservation



“How can we trust in the process when we **don't have the backing of knowledge** behind us?”

(Northern beach resident, Group 1)

“It needs to happen obviously, it's just, we'd like to know how because we are, despite not knowing, we're not idiots. **We'd like to be spoken to like we have valuable voices and we're valued citizens of the state**, to know this is what's going to happen. You want your beaches, this is how it's going to happen and they lay it all out”

(Coastal resident or one suburb back, Group 2)

“It'd be good to know more long term, because they haven't said over what time, and, it'd be good to know more of the reasoning, its just sort of like ‘oh we're going to fix it’, but not really saying who's been consulted or that sort of thing. It'd be **good to get more education** about it I think”

(Northern beach resident, Group 1)

- Ultimately, communication needs **clarity**, with wording and imagery that conveys necessary information in a **simplistic** and **engaging** manner

“I think communication is a big thing. The councils and the government **have to be very clear with their communication** going forward to the residents in the area with what's going to happen”

(Coastal resident or one suburb back, Group 2)

“I think they **need a stream-lined message** that government pushes, but it needs to go to a lot of different levels, because coming in here today, like, I've gone to the beach all the time and seen the trucks and have always known you couldn't take sand from the beach. But seeing all of this, now, I really know why. I just know so many people that don't know that. I feel like you almost need to push it in a lot of different ways”

(General population north, Group 3)

“I hate to say it but our attention spans are so short. **We want an answer, we need 10 seconds** and you've got to grab us stark quickly”

(General population north, Group 3)

“There's some residences that will be impacted one way or another, so they need to be notified. Then equally, look at all us that go to the beach, and we don't live in this area, so **I think everyone needs to be aware**”

(General population north, Group 3)

“The pipeline is a good idea. It should happen, and it will need to be done in a way that is sustainable, because it's permanent. This thing [factsheet] bothers me because it's more an engineering document. You **need to have someone in-between that translates it** and says things like what I attempted to do, ‘we'll go back to the future’. That's a PR term. But a photograph of what it was like in the '30s, and saying that we will do this, ‘you will achieve this for your children, if we get this done’, and its not an engineering concept... I have a concern that they will attempt to tell other engineers why this is a good thing, and they don't understand that engineers are a very, very, very, very small part of the population”

(General population north, Group 3)

# Community reference group

- 
- 1** Overall, members of the community reference group (CRG) are concerned with the sustainability and ultimate value of the project. Issues which are exacerbated by feelings of tension and distrust towards DEW and a lack of perceived personal worth to the project.
  - 2** Issues of long term sustainability and the cost/ value of the project are key areas of concern. Whilst poor processes of consultation, disrespect, misinformation and past handlings of sand management also adds to irritation.
  - 3** The CRG crave genuine consultation with DEW, with opportunities for their opinions to be heard and valued. Their aim is to work towards a collaborative, sustainable solution worth the significant investment.
  - 4** To satisfy these groups moving forward a two way, transparent dialogue is critical. It is also important theses discussion hold weight in the final decisions surrounding the project.
-



“People **aren't convinced that such a huge investment in something that's got a life of 20 years**, which is what we've been told, **is a good use of our money**. Yet, when we keep asking, ‘Isn't there other research? Isn't there other solutions?’ They go, ‘No, because the minister's committed to the pipeline, we've been gathering data for 20 years, this is the only solution that you can have.’ Now, I'm not from an engineering background, so I don't know enough about it to be able to argue that, but normally, when you get to this point in coming up with solutions, which we're all keen on, you have a number of **alternatives**. We could do this, this would cost this much, and this would be the impact. There's been no impact study on taking the sand that they're currently taking, and it's, again, only because of community pressure that they caved in and said, ‘Oh yes, we'll do one about taking sand from north of the Largs Bay Jetty, and it'll look at economic, environmental, social and something else impacts.’ We've seen a draft of what they say they're going to be looking at. It's going to be done in two minutes. It's **not genuine**”

(Community reference group, Group 4)

“People don't like trucks on the beach, they don't add to beach amenity whatsoever, they detract from it. Anything we can do to stop trucks on the beach would be great. A bloody big **pipe doesn't actually stop trucks on the beach**, I'm afraid to say. They'll still have to move sands arounds, and do all sorts of weird and wonderful things that they just love doing, and they just come up with an idea, shoot first, ask questions later. That's got to stop. We've **got to start actually slowing the erosion**. That would slow the whole system down, and stop having so many trucks on the beach”

(Community reference group, Group 4)

“I, personally, I understand that there's expertise within DEW that, potentially, isn't within the community. That's a given. However, I would have liked to have seen them **convince us that the pipeline was a good idea, not to tell us**, and then back fill our confidence in that. I'm not convinced that the pipeline is a good engineering solution, and from the engineers I speak to, we've got one on our board who's... He's still an underwater concreting man, he's an expert in piping sand and water, and he took a look at it and laughs. He does this for a job, and has been doing it for 50 years as a job, and it's just not an efficient spend. **There's no good ROI on this investment.**

It's... It doesn't add up”

(Community reference group, Group 4)

“You can't please everyone. You can't. I understand that dilemma for them, but I think... There's **easier ways of going about it than pitting groups against each other**. I think there's a bit of that that goes on. I'm not comfortable with that myself, because I don't particularly like conflict. I actually... I feel like I can see a way forward that doesn't actually piss anyone off. But it's hard to implement when the government's going, ‘Look, we're going to do the pipe. We don't care if it's [not] sustainable’... The number of the differing groups made a commitment to not fall into, ‘Oh, this is a West Beach versus northern beaches thing’, because it's the whole of the coastline, and **we've got to find a solution together**. We can't degenerate into, ‘This group wants this, and this group wants that’, and we're all going to fight one another until we get what we want. There's never going to be a solution in that”

(Community reference group, Group 4)

# Not feeling valued

"I've been part of a few reference groups over the years, and I would actually say this the most staggering example of joining a reference group where they tell you what the outcome's going to be. I have never joined a reference group before where they said, "This is the end game, and this is how we're going to get you there..."

We're all stakeholders in the outcome, and in my work or wherever you sit, surely everybody's a stakeholder in the outcome, and... you've got to actually, genuinely give a shit what the people you're engaging with think"



Community reference group  
Group 4

"I think coming with decisions made is always a difficult sell. If that's what you're doing, then tell us that's what you're doing.... Don't pretend that we're engaged, because even though I'm on two departmental groups, I don't feel engaged, and they pretend that we are. So, we need to go right back on thinking, and stopping everything, going right back, and going, 'Well, what is the best solution here?'"

Members of the community reference group do not feel valued, and firmly believe their opinions/ concerns have no influence on the final decision and inevitable implementation of the pipeline

Community reference group  
Group 4



# Not feeling valued

"I think they have to listen. I don't think they listen, I said to them the other day. You go back over the video, and time, what percentage of this session was department people, and how much was real contribution by members of the community? They're giving lectures about history, they're giving lectures about all this crap, and they're not listening to people. Now, I said to one of them, 'Go down to the beach, and talk to the people on the beach. Have a listen to what they have to say... Anything, just listen to them'. They're not listening. I understand about COVID, and it's a bit hard, but it's not impossible. There's a bloody Zoom meeting every night on something or other. They're not listening, and I believe more to that, there are two factions within the party. There's the engineers who just want to get on and do the bloody thing and don't give a shit, and there's the people who are trying to communicate, who seem to be chopped off at the knees, and to me, it's quite obvious... I don't think there's a lot of internal communication going on, but they have to listen"



Community reference group  
Group 4

"What I really object to with the pipeline project is... It's not genuine consultation, it's like trickle drip-feeding, and then telling us what they're going to do... we turn up to those, and it's their agenda, it's their speakers, they run out of time at the end, and so there's never time for questions or comments from anyone"



Community reference group  
Group 4

# Communication with community reference group

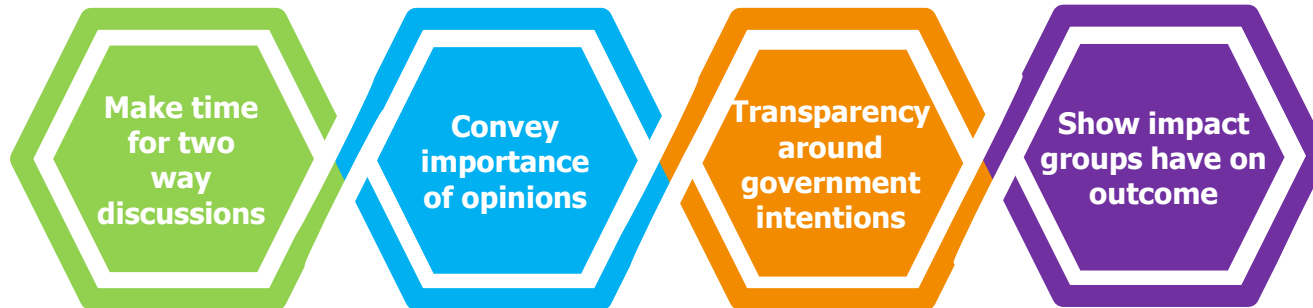
- An **environment of tension and distrust** has been fostered with the community reference groups

"I've been in meetings... **I've been lied to, they've hidden things...** Being lied to, I think, makes you a bit emotional  
(Community reference group, Group 4)

"I would say that this whole thing has just been very much pitched as, 'This is what we're doing, and **we're talking to you just because we have to**'

(Community reference group, Group 4)

- To promote a positive and tenable relationship moving forward:
  - Ensure ample time is made for two way discussions and questions at meetings
  - Make efforts to convey the importance of opinions and show they are being heard and are valued
  - Be transparent surrounding government intentions and the future of the project, and the impact these groups have on outcomes



# Online Survey findings

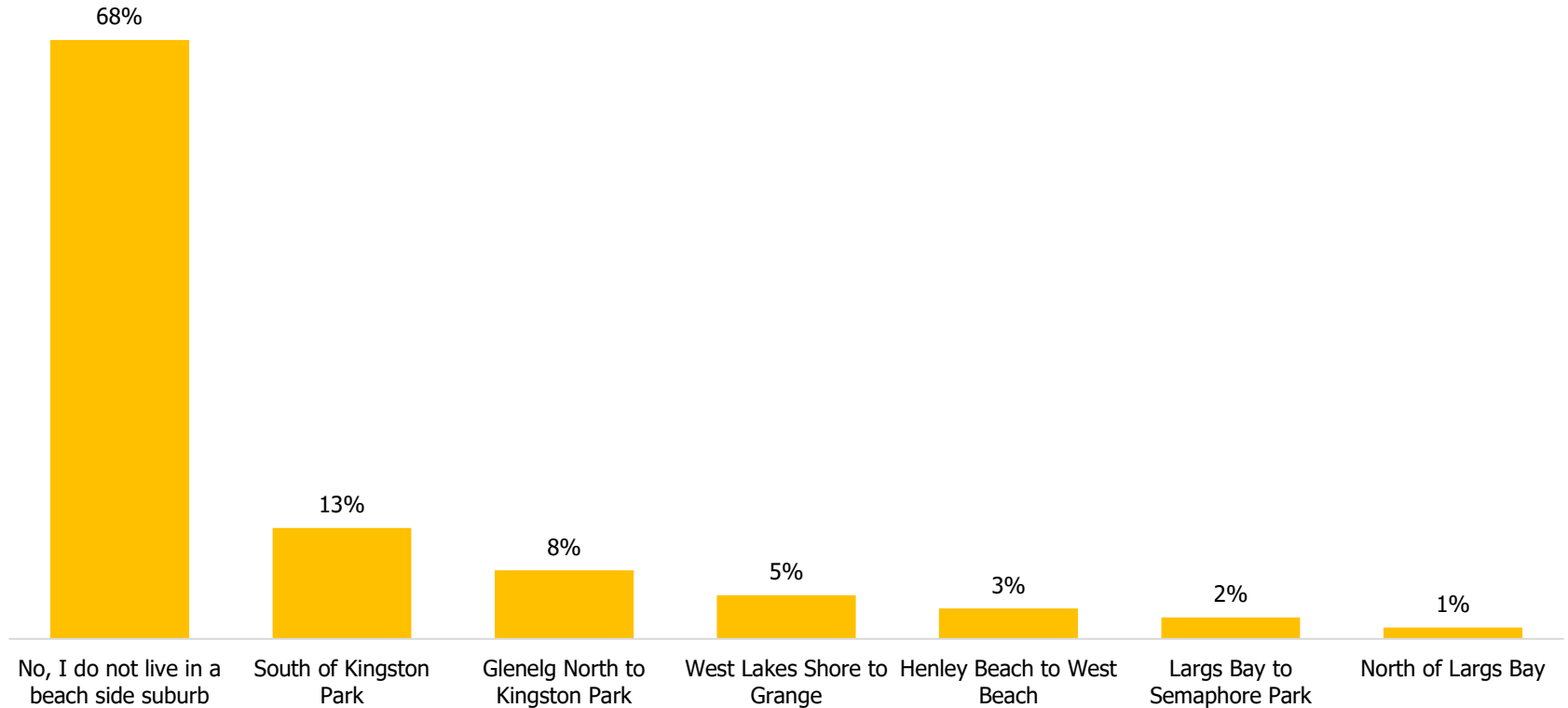
Representative of the South Australian General Population aged 18+



# Beachside living

- Of those who live in a beachside council, almost one third live in a beachside suburb

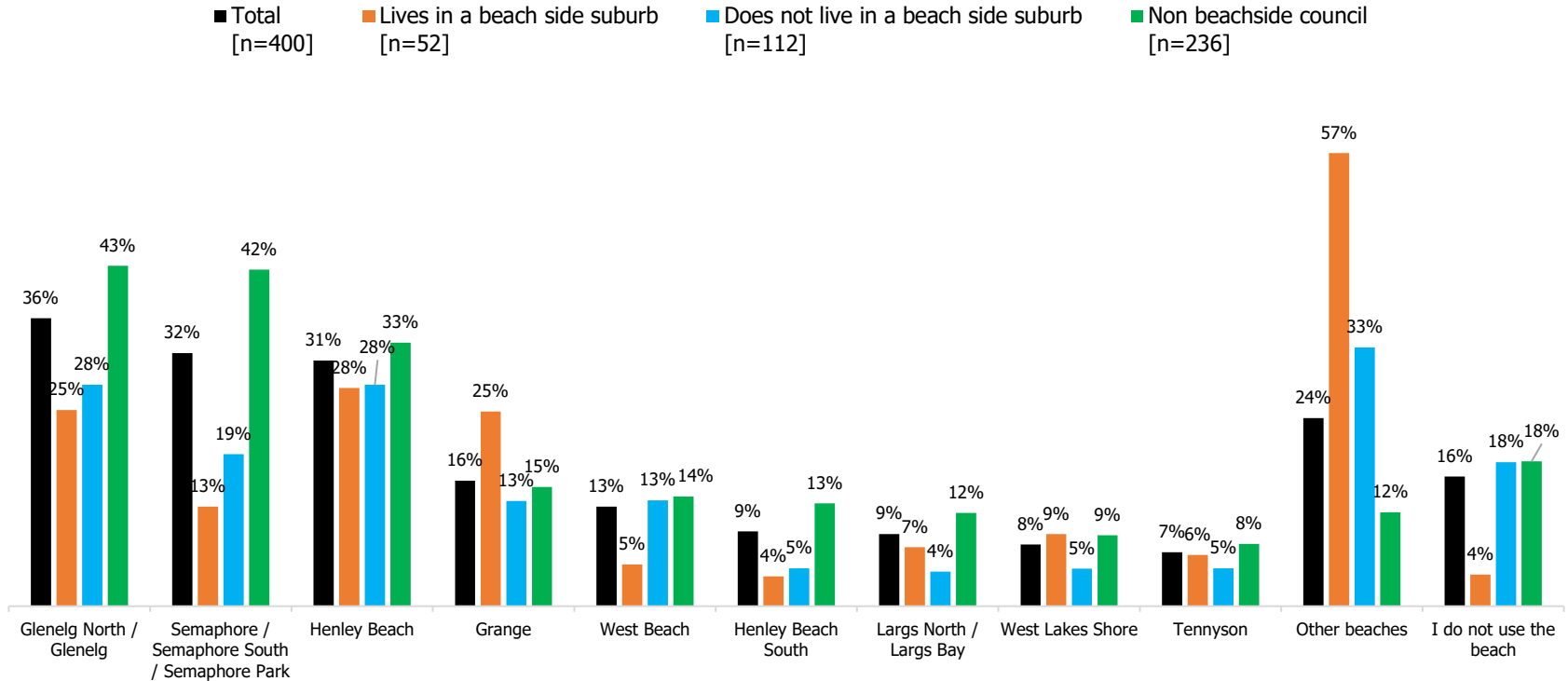
**Lives in a beachside suburb**  
[Asked only of those in a beachside council, n=164]



# Beach usage

- Glenelg, Semaphore and Henley Beach are the three most popular Adelaide beaches based on usage

**Usage of the following beaches**  
[By area lived in]

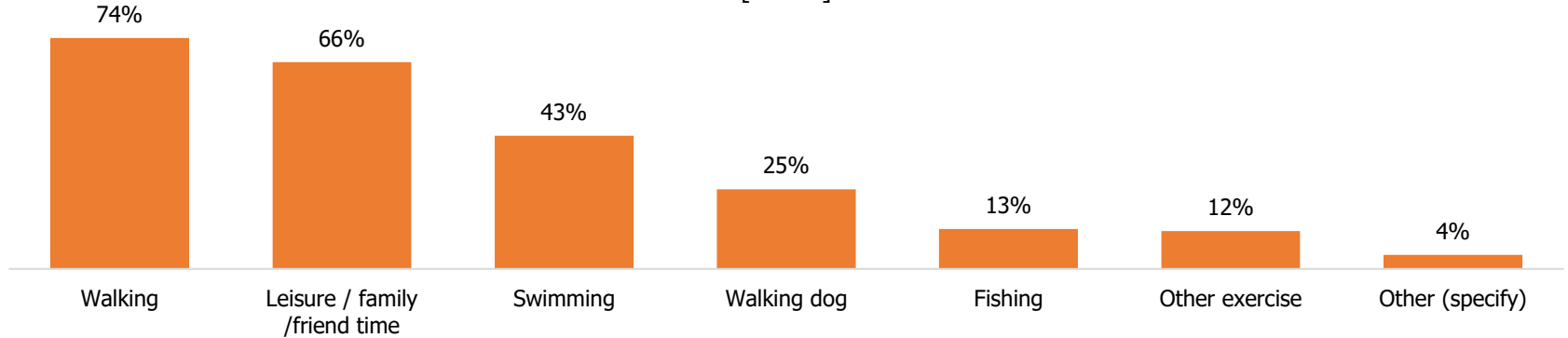




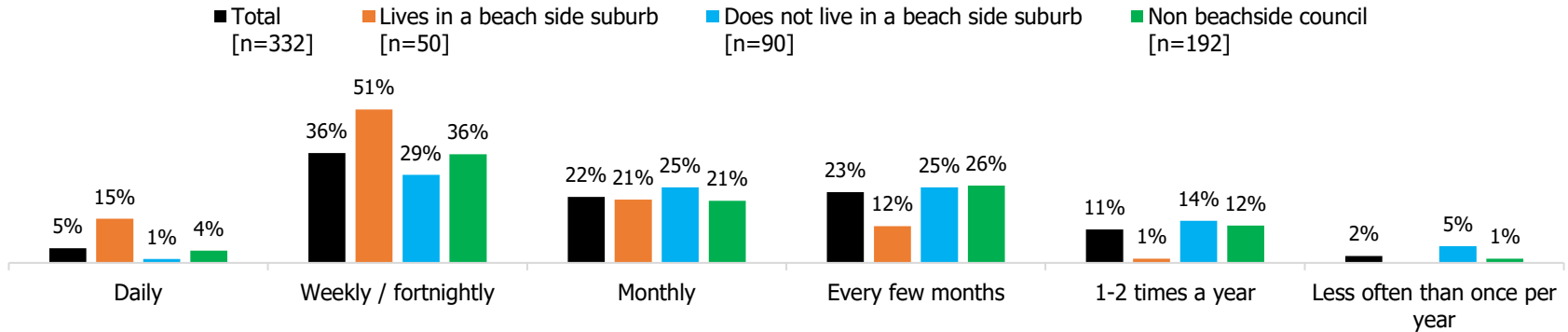
# Beach usage

- The beach is most commonly used for walking and leisure/ family and friend time, every week/ fortnight

**Beach usage**  
[n=332]

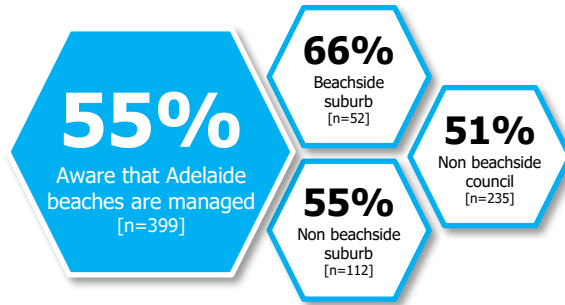


**Frequency of usage**  
[By area lived in]



Q3. What do you usually use the beach for?  
Q4. How often do you frequent the beach?

# Management of Adelaide beaches



- Over half of respondents were aware that Adelaide beaches were managed in some form
- Management was generally thought to be for **cleaning, sand erosion/ movement** and **public safety/ law enforcement**, whilst many were unsure as to what 'management' encompasses

"Keep them well presented and safe and accessible to the public"

"Cleanliness, dogs, fishing, rubbish, cars on beaches, walking trails, etc."

"Sand distribution for where it erodes, plant revegetation to ensure sand stability rubbish pick up"

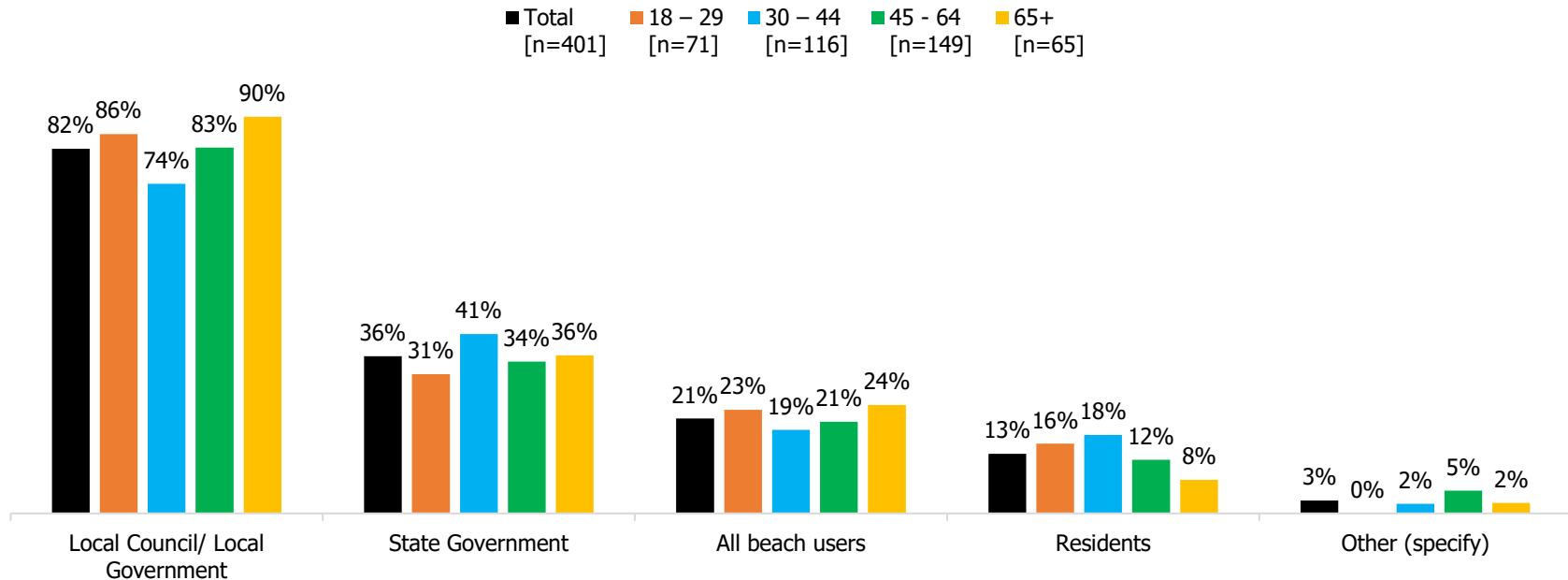
"Sand is taken and dumped where needed, council patrols the beach and keeps it in good, safe order"

"Making sure the sand is replaced and keeping rubbish off beaches"

# Responsibility for management

- Majority believe management of Adelaide beaches is the responsibility of the Local Council/ Government, followed by the State Government

**Perceived responsibility for managing Adelaide beaches**  
[By age]

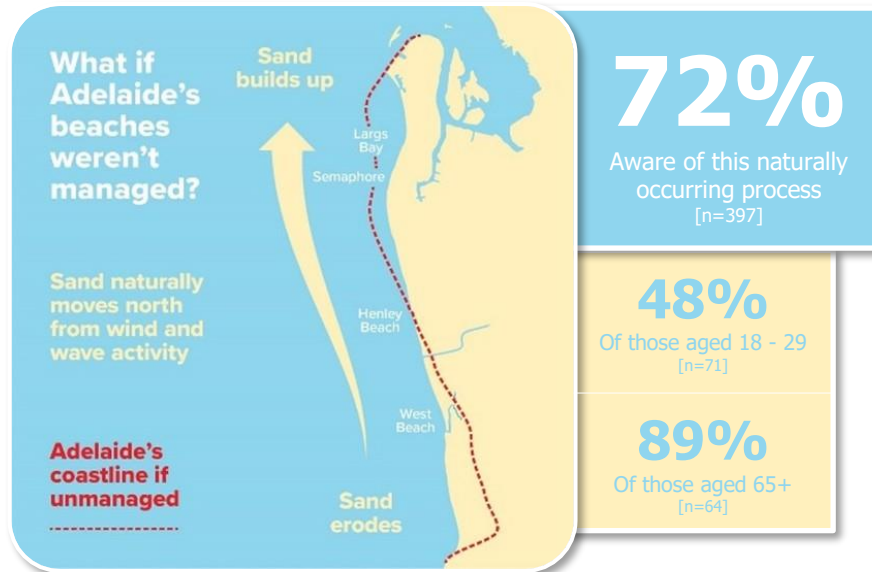


# Sand movement and erosion and management

- Almost three quarters were aware of the naturally occurring sand movement and erosion process, whilst just under two thirds were aware Adelaide beaches were managed to counteract this process
- Across both questions, awareness increased with age

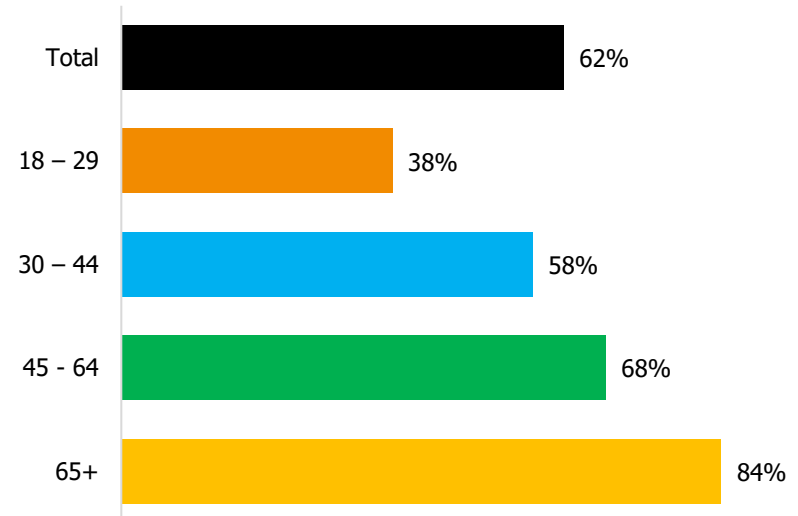
## Awareness of this naturally occurring process

[‘Yes’ responses]



## Awareness of beaches being managed to keep them sandy and manage erosion

[‘Yes’ responses, by age]



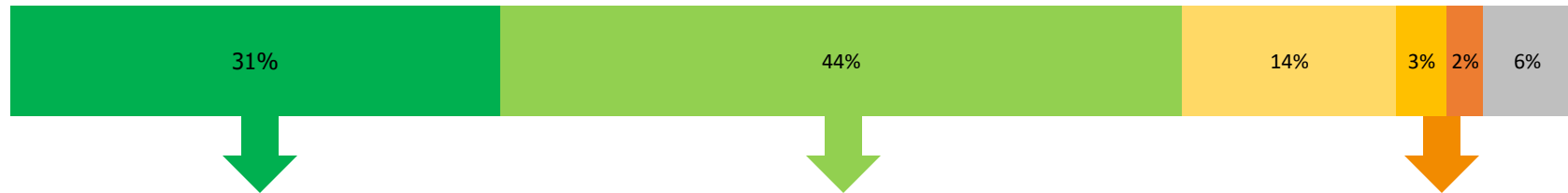
# Management strategy

- Overall, **three quarters of respondents agree** with the management strategy of moving sand from the northern to the southern beaches. Those who agree recognise the necessity to ensure the survival of Adelaide beaches, whilst objectors question the strategies cost, effectiveness and interference with nature

## Overall agreement with this management strategy

[n=400]

■ Strongly agree ■ Agree ■ Neither ■ Disagree ■ Strongly disagree ■ Don't know

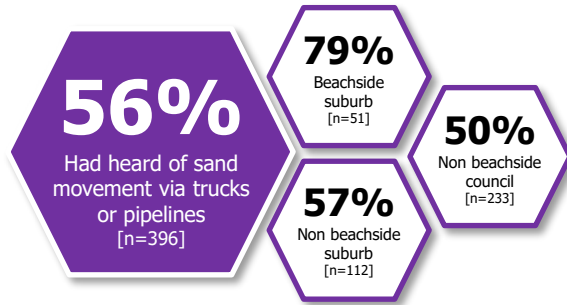


- ✓ Without this management the current beachfront as we know it would completely change, disrupting business and house values in those areas
- ✓ If it is essential to manage sand distribution to prevent the erosion of our beaches to rock and clay then I'm supportive of this initiative
- ✓ It has to happen otherwise the beaches will disappear but I doubt it's natural, more likely because of the boat ramps & Breakwater walls etc that have been built
- ✓ So beaches can be kept in good condition otherwise we will be left with no sandy beaches to enjoy

- ! Waste of money to curb a natural event
- ! The government should just let the sand move, it is only natural, and if it is managed it might effect our wide range of sea life
- ! There must be a better way not as costly



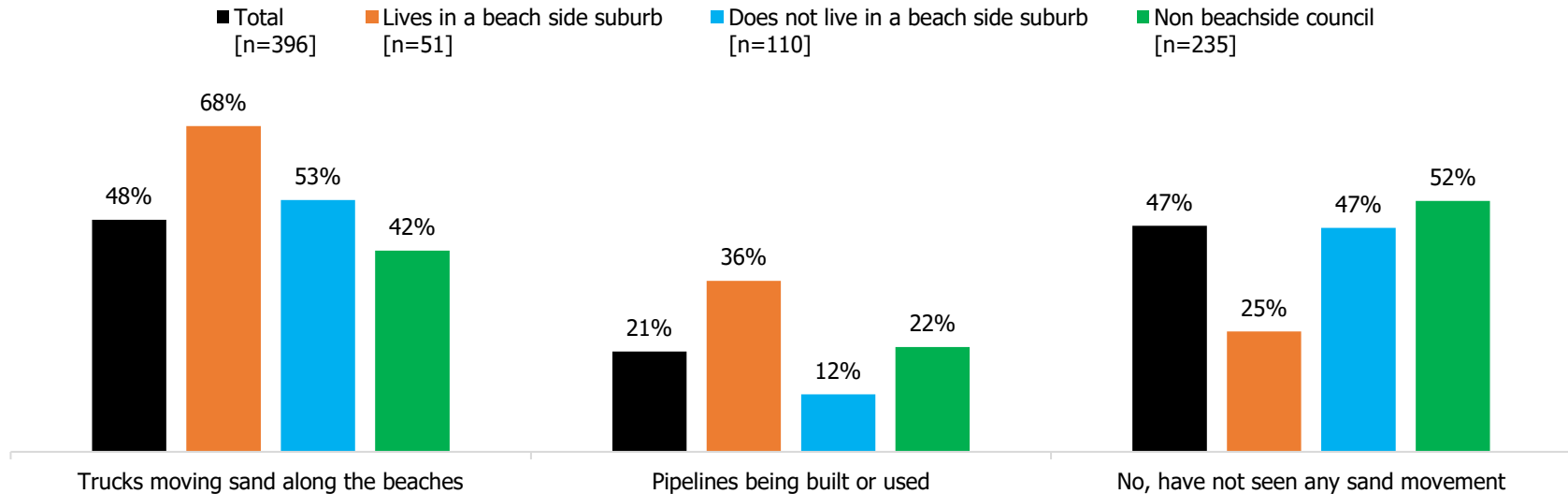
# Sand movement activities



- More than half of respondents had heard of sand movement via trucks or pipelines, with those living in beachside suburbs being most aware
- Movement of sand via trucks was the most commonly seen activity, however nearly half had no seen any sand movement

## Awareness of sand movement activities

[By area lived in]

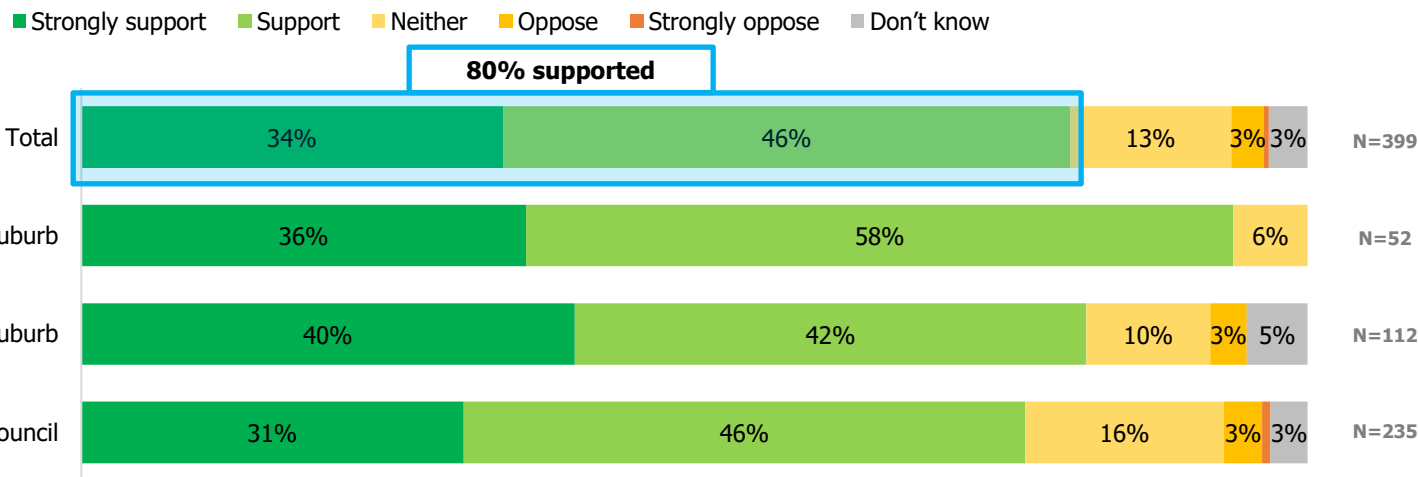


# 'Securing the future of our Coastline' project

- Support for the project is strong, particularly amongst beach side suburb residents
- Particular opposition stems from cost and intervention in natural processes

## Overall support for 'Securing the future of our Coastline' project

[By area lived in]



### Areas of opposition [full verbatims]

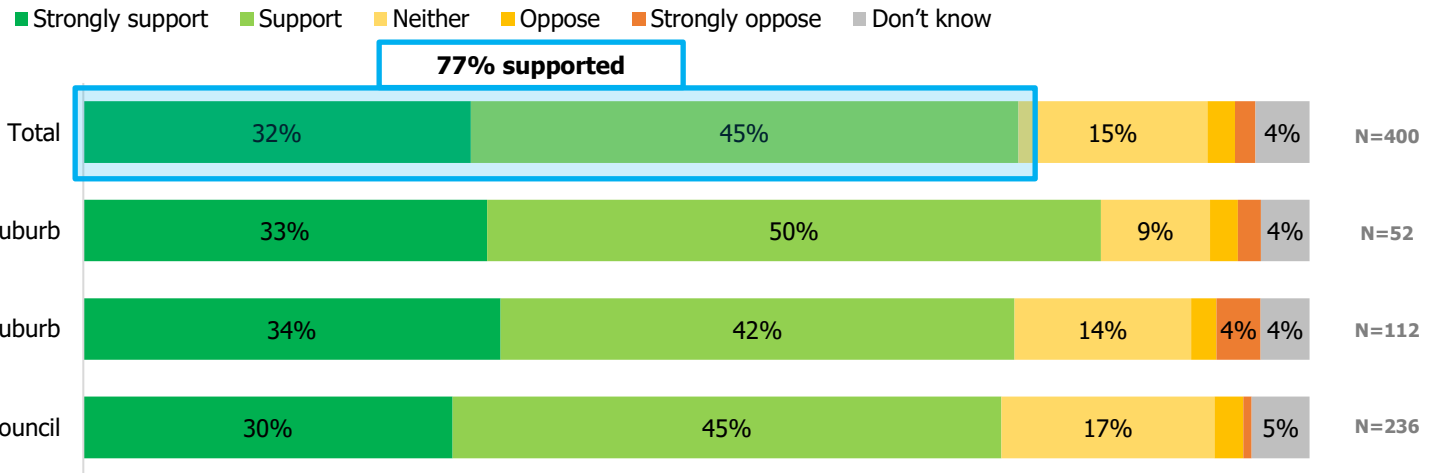
- A **waste** of money
- Are these 'experts' mad? **How long will these pipes last**, with HIGHLY abrasive sand whizzing through them constantly?
- I think **nature should be left** to take it's course
- It is a natural event **live with it**
- Let **nature take its course**
- The **cost** is too much. The money should be spent on other things.
- The **cost** the economy is such a mess we don't need to spend this amount of money right now
- They should just **let the sand naturally go up** as its only natural and plus moving it might harm wildlife, they can add the sand instead not remove it from other shores.
- We could **put that money into health and education**

# Construction of sand recycling pipeline

- Support for the construction of the pipeline is slightly less, but still strong
- Those who oppose question the cost and general effectiveness and long-term viability

## Support for the construction of the sand recycling pipeline

[By area lived in]



### Areas of opposition

- A **waste** of money
- Expensive** project where money could be put to more important things
- Lifting sand to other beaches are already at erosion point, **so putting more sand on sand that is already compacted down will not move** but putting the sand on top will start blowing away or going into the water, the water is rising so therefore the beach is no longer there.
- More **unnecessary destroying** what nature had done from day 1
- Waste of time and money. You **need to find a permanent solution** rather than all this sugar coating of our coasts. Coastal development has been a major cause of sand movement.
- Why do we need to build pipes to do the job. **Why can't people do it by trucks**

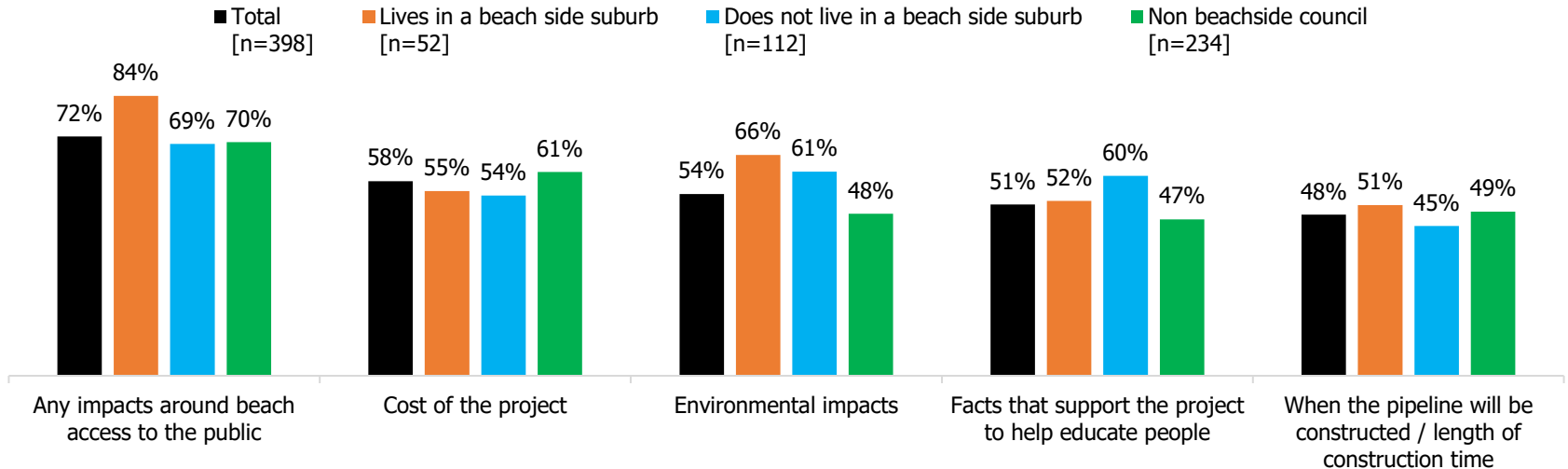
# Importance of information/ communication



- Almost three quarters believe it is important to be informed in such projects
- Information regarding the impact to public access of the beaches is most critical to be communicated

## Most important project information to share

[By area lived in]



Q17. How important is it that you are informed about projects such as these?

Q18. What is the most important information about this project that should be shared with the community?

- Comments regarding further information centred around:
    - Information/ awareness
    - Sustainability
    - Functionality
    - Alternatives
    - Timelines (beginning and end)
    - Environmental impacts
- 

“Are there **any examples of this having been done elsewhere**? My usual opinion is that **being well informed reduces unreasonable objections**. I would like to see a simply put but detailed description of the pipeline system functioning. I am sure that many people would like to see a documentary on the subject”

“**Is this sustainable** and does it work”

“I would be particularly interested in the **environmental impacts** of the pipeline”

“What are **the alternative ways to manage** this? Have we built too close to the shore? Should this be changed?”

“**What the pipes will be made of**, and how long they will last...before we're up for another big bill to repair or replace them”.

“**What environment groups & organisations think of this**”

# Summary of Key Findings

## **Current connection to the Adelaide Beaches and understanding of the management plan**

- Adelaide residents are deeply connected to their beaches
- Current awareness of beach management predominantly stems from what they have seen/ experienced, as such, those who live closest tend to be more aware

## **The current community view**

- Generally, residents believe coastline management is a positive, and thus the proposed pipeline is by and large supported (especially as an alternative to trucks)
- Some concern/ confusion around areas such as long term sustainability and value restricted overall support given to the project

## **Priorities moving forward**

- Moving forward, communication of the project is essential
- Areas of reservation need to be addressed and FAQs answered

# Survey data

# Data Profile Summary

	%	n
Total	100%	401
Lives in a beach side suburb	32%	52
Does not live in a beach side suburb	68%	112
Non beachside council	59%	237
18 – 29	20%	71
30 – 44	24%	116
45 - 64	39%	149
65+	16%	65



# SQ1. In which of the following age ranges do you fall?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
18 – 24	12%	10%	11%	13%	58%	0%	0%	0%
25 – 29	8%	6%	7%	10%	42%	0%	0%	0%
30 – 34	8%	5%	6%	10%	0%	35%	0%	0%
35 – 39	8%	4%	7%	9%	0%	33%	0%	0%
40 – 44	8%	8%	5%	9%	0%	33%	0%	0%
45 – 49	8%	8%	7%	9%	0%	0%	22%	0%
50 – 54	8%	6%	7%	10%	0%	0%	21%	0%
55 – 59	8%	11%	17%	4%	0%	0%	21%	0%
60 – 64	14%	15%	14%	14%	0%	0%	36%	0%
65 – 69	7%	14%	8%	5%	0%	0%	0%	43%
70 – 74	6%	7%	8%	4%	0%	0%	0%	35%
75 – 79	2%	2%	1%	3%	0%	0%	0%	14%
80+	1%	3%	1%	1%	0%	0%	0%	8%
Column n	401	52	112	237	71	116	149	65

# SQ2. What is your gender?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Male	49%	39%	43%	53%	51%	49%	49%	46%
Female	51%	61%	57%	47%	49%	51%	51%	54%
Non-binary	0%	0%	0%	0%	0%	0%	0%	0%
Column n	400	52	112	236	71	115	149	65

# SQ3. Where do you live?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Metro Adelaide (postcode)	100%	100%	100%	100%	100%	100%	100%	100%
Regional SA	0%	0%	0%	0%	0%	0%	0%	0%
Elsewhere	0%	0%	0%	0%	0%	0%	0%	0%
Column n	401	52	112	237	71	116	149	65

# SQ4. Which local government area do you live in?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
City of Adelaide	14%	0%	0%	25%	27%	25%	7%	2%
City of Onkaparinga	12%	28%	28%	0%	6%	6%	13%	23%
City of Playford	10%	0%	0%	18%	11%	7%	13%	9%
City of Marion	9%	24%	22%	0%	7%	6%	11%	13%
City of Salisbury	9%	0%	0%	15%	7%	10%	9%	10%
City of Port Adelaide Enfield	8%	10%	24%	0%	6%	11%	10%	2%
City of Charles Sturt	8%	23%	18%	0%	8%	6%	7%	13%
City of Tea Tree Gully	5%	0%	0%	9%	4%	6%	4%	10%
City of Campbelltown	5%	0%	0%	9%	5%	2%	8%	4%
Adelaide Hills Council	4%	0%	0%	7%	2%	12%	2%	0%
City of Mitcham	4%	0%	0%	6%	2%	0%	6%	6%
City of Holdfast Bay	3%	15%	3%	0%	5%	1%	4%	0%
City of Burnside	2%	0%	0%	4%	3%	5%	2%	0%
City of West Torrens	2%	0%	6%	0%	4%	0%	1%	3%
City of Prospect	1%	0%	0%	2%	1%	2%	1%	3%
City of Unley	1%	0%	0%	2%	2%	0%	2%	0%
Town of Gawler	1%	0%	0%	1%	0%	1%	1%	1%
Town of Walkerville	0%	0%	0%	0%	1%	0%	0%	0%
City of Norwood Payneham & St Peters	0%	0%	0%	0%	0%	1%	0%	0%
Column n	401	52	112	237	71	116	149	65

# Q1. Do you live in a beachside suburb?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
No, I do not live in a beach side suburb	68%	0%	100%		70%	70%	70%	60%
South of Kingston Park	13%	39%	0%		6%	13%	12%	18%
Glenelg North to Kingston Park	8%	24%	0%		8%	0%	11%	7%
West Lakes Shore to Grange	5%	15%	0%		2%	9%	2%	10%
Henley Beach to West Beach	3%	11%	0%		14%	2%	1%	0%
Largs Bay to Semaphore Park	2%	7%	0%		0%	6%	2%	2%
North of Largs Bay	1%	4%	0%		0%	0%	2%	2%
Column n	164	52	112	0	26	34	68	36

## Q2. Which of the following beaches do you use, if any?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Glenelg North / Glenelg	36%	25%	28%	43%	58%	36%	31%	24%
Semaphore / Semaphore South / Semaphore Park	32%	13%	19%	42%	30%	40%	30%	27%
Henley Beach	31%	28%	28%	33%	40%	38%	23%	29%
Grange	16%	25%	13%	15%	12%	22%	13%	18%
West Beach	13%	5%	13%	14%	17%	11%	13%	9%
Henley Beach South	9%	4%	5%	13%	10%	13%	8%	7%
Largs North / Largs Bay	9%	7%	4%	12%	6%	18%	7%	5%
West Lakes Shore	8%	9%	5%	9%	10%	15%	3%	5%
Tennyson	7%	6%	5%	8%	2%	15%	6%	2%
Other beaches	24%	57%	33%	12%	9%	16%	31%	35%
I do not use the beach	16%	4%	18%	18%	9%	12%	21%	20%
Column n	400	52	112	236	71	116	149	64

## Q2b. What does the beach mean to you? Why does it matter?

- A beach is a place to relax. Walk on the sand and enjoy the ocean
- A day out
- A good place to relax
- A great way to wind down and have a special day
- A nice area with lots of cafe etc.
- A nice day out
- A place I enjoyed extensively in my youth, but at my age now I cannot afford to spend too much time in the sun as I am currently seeing the results of all those years I enjoyed the beach so long ago.
- A place to exercise and relax
- A place to get fresh air
- A place to get out of the home, take our dogs to as they love going for a walk there. A great day out, time to relax, join friends or family sometimes as well.
- A place to go and relax and reconnect with the earth
- A place to have a good time with the fellas
- A place to have a nice walk and sometimes a coffee
- A place to play volleyball
- a place to rejuvenate and relax
- A place to relax It's part of the bigger picture of environment
- A place to relax and enjoy the sun waves and view
- A place to relax and have fun.
- A place to relax occasionally
- A place to relax on hot days and a place for introspection on cold days
- A place to relax on weekends
- A place to unwind.
- A place to walk my dog
- A place where any person or family can go to spend time relaxing AND that is FREE for everybody's use at any time. If this is a survey to look at charging for beach use, then you will find that the people of SA will react very negatively to ANY council or government that tries to impose a charge.
- A place where I can forget my troubles for awhile and a good place to exercise me and my dog
- A pleasant place of sand, sea and sunshine without too many people.
- A relaxing place to enjoy nature Matters because it's part of our environment and home to many creatures
- A walk along foreshore when it a nice day if I feel well enough
- An escape and place to go to meet with friends and relax
- An escape for the family
- Beach means some place to hang out
- Beach means photography to me because I can capture seascape with great sunset on some days
- Beach means Summer to me. It's always a great place to visit/cool off during our Australian Summer
- Beach means the sea & relaxing
- Beach near Tram, convenient
- Beach where I spent my childhood
- Beautiful
- Beauty, serenity, nature, swimming, walking, waves, jellyfish, starfish. without it, what matters?
- Because its a good place to relax with family
- Because it's clean and a fun place
- Being able to walk along the sand with my dog and or just sit and watch the water and forget myself
- Brighton is convenient and nice beach
- Brighton is like a second home to me
- Calm and peace
- Carrickalinga is so pristine
- childhood beach
- Christies Beach, O'Sullivans beach, Hallett Cove beach
- Christies beach. It's my local beach. Been my local for nearly 30 years
- Clean
- Clean air
- Clean air clean sand beautiful sea open space
- Clean and long distance to walk
- Close to a good coffee shop to grab a coffee after a swim
- Cooling off in summer and enjoying the sand surf and sun
- Dirt and sun
- Doesn't mean much I don't really visit it much
- Don't go often
- Don't like the beach

## Q2b. What does the beach mean to you? Why does it matter?

- Early morning walks with the dog - swimming in the summer
- Enjoying sunshine, calming ocean sounds
- entertainment
- Entertainment, party
- Everything because it's the environment
- Family fun with grandchildren
- Far away
- Feel relaxed
- For swimming, sun bathing, surfing, kayaking It matter to public for engaging into water activities and entertainment
- Free air, space. Memories of childhood. Freedom and a care free time
- Freedom
- Freedom Fun
- Freedom and fun healthy relaxation
- Freedom relaxation
- Freedom, cool in summer, cosy in winter
- Freedom, fresh air, downtime
- Freedom, fun and relaxing
- Freedom, fun, nature. It matters for our health & wellbeing & mental health
- Freedom, getaway, relaxation
- Freedom, long walks, fresh air, swimming
- Fresh air - feel of the sea. Makes me feel alive & refreshed
- Fresh air swimming
- Fresh air and cooling in summer
- Fresh air and great walking spaces
- Fresh air and relax
- Fresh air and relaxation
- Fresh air and relaxation
- Fresh air open space
- Fresh air relaxation unwind long walks
- Fresh air, freedom, room to move, I love the beach because it is where I am my happiest.
- Fresh air, less stress, fun. its a place to relax.
- Fresh air, open space, great views, walks, enjoyment
- Fresh air, sea breeze
- Fresh, relax, break, treat, mindful, exercise
- Fun and great weather
- Fun and relaxation (x2)
- Fun in the sun and playing with my dogs in the water and it matters because it keeps them healthy and fit
- Fun time with the family
- Fun times
- Fun, sunshine, freedom
- Go swimming
- Good
- Good beach air/recreation
- Good dining on the esplanade. Clean beaches.
- Good for a stroll
- Good fun
- Good place to relax and enjoy the seaside
- Good place to relax and observe people. Nice coffee places. Good jetty. Easy to get to on public transport
- Good place to take the dogs, swim in the waves
- Gorgeous
- Great for walking the dog and socialising
- Great place to cool off in the summer, picnics on the sand, swimming
- Grew up in the area
- I am not really a beach goer. The beach does not mean as much to me as it does for other people
- I don't actually like the beach, so it means nothing to me
- I don't go as I don't like salt water and the sand
- I don't like sand so I don't go to the beach often. I'm originally from New South Wales which has some great beaches
- I don't really like the beach
- I go to the beach to fish and also relax
- I grew up going to the beach a lot. it's nostalgic for me
- I hate sand and it doesn't
- I like the beach occasionally but am not a big fan.
- I like to go for a walk and watch the sea. I like the fresh air
- I love everything about beaches
- I love it
- I love it as love being at or in the water
- I love seeing the water but do not go onto the beach. maybe in the summer time



## Q2b. What does the beach mean to you? Why does it matter?

- I love the beach but there isn't one close so I rarely go to one but I think they are an important asset to Adelaide
- I love the beach. It makes me calm.
- I love the environment
- I love to fish off the sand. Go for a walk. It's the nicest beach around
- I love to walk along the beach. It is peaceful and friendly
- I use one of the beaches on the Yorke Peninsula, I find the beach brings peace and tranquillity
- I used to fish quite a bit so the beach means a lot to me. I hate to see a dirty beach and polluted water
- I used to go there when I was a child.
- Important part of the ecosystem
- Interesting
- Interesting places
- Is the closest
- It brings back childhood pain of visiting relatives who lived nearby and going to semaphore beach for the day with them. It was so much fun,
- It does not matter. Sand in my shorts is horrible
- It doesn't matter. It means sand everywhere, sunburn and aggravation
- It doesn't mean anything and it doesn't matter
- It doesn't really
- It evokes freedom, peace and connecting with nature. It is great for physical and emotional wellbeing
- It gives me a chance to catch up with my friends
- It gives me a sense of freedom and good exercise
- It has a very nice atmosphere and I can bring my dog there. She absolutely loves the water.
- It is a good place for having fun with families and friends
- it is a good place to go and watch the waves, it feels good and helps me relax
- it is a nice place to enjoy
- It is a place of reflection. It is where I go on the anniversary of my fathers death.
- It is a relaxing place to wind down, let the breeze, warm sun, silky sand and ocean relax you.
- It is a relaxing walk to get exercise
- It is clean and the water is glassy
- It is the life in summer
- It is very refreshing and healthy to take fresh air.
- It is where I connect with my friends and family so it means a lot to me
- It means a relaxing day outside, brings back memories
- It means a nice, refreshing, cooling place to spend time with your family and friends. it matters as it gives me and others time to spend time and relax and see sea life sometimes too.
- It means a place to getaway and relax and have fun. It's somewhere that I can go with friends or my partner to unwind and enjoy in the summer. It matters because it's a relaxing place to go for fun.
- It means being outside for free and the kids having fun but getting messy; it matters having somewhere that is fun for everyone
- It means everything. Its my calming place when I'm stressed, it's my place to exercise with my dog, it's my place of reflection when I'm feeling down, and it's my place of fun in the summer with my family
- It means happiness, tranquillity, fresh. It makes me happy
- It means I am outdoors and in nature
- It means nature, fresh air and a chance to enjoy family time
- It means peace and tranquillity and matters to our environment
- It means refreshing air and fishing. It is rejuvenating.
- It means relaxation, peace, freedom, time with friends and family. It's important for mental health, family connections
- It means serenity
- It USED to be a place I was never away from during Summer. These days (on Adelaide beaches), the back of the beach is being planted with so much vegetation (APPARENTLY to stop us LOSING the beach), that, if it keeps up, there will be NO more beaches left...only green grass...full of snakes! Yes...there ARE snakes there!

## Q2b. What does the beach mean to you? Why does it matter?

- It's a beautiful place where one can go to calm themselves, but it's getting filthy There's trash in the ocean and people littering all the time it needs to stop
  - its a change of place to take my dogs when they are due to have a bath so i don't mind that they get sandy
  - It's a fun place to go
  - It's a great chance to get in contact with the nature, to enjoy myself, for the kids to play and enjoy
  - It's a great place to take the family
  - It's a place of freedom and pleasure
  - its a place to get a peaceful environment
  - It's a place to get fresh air
  - It's a place to relax
  - It's a place to relax, take walks, refresh/cool down in summer
  - Its a very important aspect of South Australia life. It's a place to get together with friends and family in the summertime. I think the beach is a place that most South Australians hold close to their heart.
  - Its a way of escape.
  - It's awesome, the vibe
  - It's calming and I enjoy the sunshine
  - Its close to home and has a good vibe
  - It's freedom. Fresh clean air
  - Its good
  - It's near to home.. a relaxing time out place to unwind
  - It's one place I feel relaxed and connected to nature.
- The ocean is a whole other world. The ocean matters be cause it's someone's home.
- Its part of our lives. We live 100mtrs from Somerton Park beach and visit on a lot of evenings for sunset drinks and to relax.
  - Its so relaxing a spend time with family it means the world
  - Its very important that we clean the beach because of the fishes because in the future we might run out of animal products to use or eat
  - Just a part of life really. Something that belongs to all of us.
  - Just for walking
  - Just love the beach environment. Smell of the ocean, exercise wise great for swimming and walking. No need for gym
  - Just to get out for a walk, enjoy the sand and the water
  - land of the sea. it is one third
  - Leisure
  - Leisure time out, great place to live and a safe area.
  - Leisure walks
  - Leisure, relax
  - Life
  - Like watching on very cold windy day the waves
  - Lived at Henley Beach for almost 20 years as a baby to adulthood. My mothers ashes are going to be spread at sea there as it's home.
- Local place to enjoy
  - Lots of meaning, I grew up living by a beach.
  - Love the beach
  - Love the beach , best sand and safe swimming areas, a little fishing . It matters because it's a great tourism location which is under valued. Even in winter it's good to go down and just for a view.
  - Love the beach and it serenity
  - Love the beach, just rarely get there
  - Love the fresh sea air & the feeling of freedom in the salty air
  - Love the water, great for a cool down on a hot day, if its calm, get the kayak out
  - Love walking along it with my husband
  - Make you feel closer to nature and is good for you mentally, emotionally and physically.
  - Makes me think of summer and fun with the family, swimming/surfing/tanning and walking
  - Means enjoying long summer days and beautiful sunsets. Unwinding and relaxing. Important to recharge
  - Means fun in the sun and ice cream, a good time with the family
  - Means nothing tome
  - Means summer hot weather fresh air ice cream
  - Morning, afternoon, evening strolls along the beach, picking up shells, risking the chance to skinny dip, lazy mornings watching the sun rise and fall

## Q2b. What does the beach mean to you? Why does it matter?

- My childhood, grew up in the Bay, swam all year round, did Surf Life Saving jumping off the Jetty and kayaking, rarely visit now that I live North but fond memories.
- Natural beauty and fresh weather. Nice place this beach.
- Natural, scenic and freedom
- Nature
- Nice
- Nice place to walk
- Nice to cool off on a hot day.
- Nice to relax and go for a walk and swim in hot weather
- Nothing, I hate the beach and avoid as much as I can
- Ok in summer
- Outdoors
- Peace (x2)
- Peace happy tranquillity stress free
- Peace and calm and fun
- Peace and tranquillity
- Peace tranquillity
- Peaceful
- Place for my family enjoy together
- Place for my family to enjoy
- Place my family can enjoy together
- Place to enjoy
- Place to get away and cool down in summer
- Place to go to relax
- Place to refresh and enjoy nature. It is important to have clean water for a swim, for the fish and other wildlife, to go snorkelling or kayaking.
- Place to relax
- Place to stop and enjoy warm weather with many places to eat nearby
- Place to stroll however, seldom go to beach.
- Place to swim and relax and wind down.
- Play casual
- Pleasant place to walk all year round. Happy atmosphere, relaxing ambiance.
- Port Adelaide
- quality family time. Our family loves going and is a great time for bonding and fun
- Recreation
- Recreation, recreation
- Refresh freedom
- Refreshing and relaxing place to go. Would love to live closer
- Refreshment
- Relax (x4)
- Relax walking clean
- Relax fun family fishing
- Relax in a cool place
- Relax in the summer
- Relax swim, fish
- Relaxation
- Relaxation
- Relaxation and walking
- Relaxation place with friends and family
- Relaxation, exercise, breeze
- Relaxation, fitness, good for mind and body
- Relaxed lifestyle - great views - fun and freedom
- Relaxing (x4)
- Relaxing , swimming
- Relaxing and free
- Relaxing and just to enjoy the outdoors. Swimming yes but the water even in summer is quite cold.
- Relaxing and quiet. It's one of few free and natural places left
- Relaxing sun beer fun
- Relaxing with family and friends- a place to get away and reflect
- Relaxing, walking dogs,
- Relaxing. Aussie way of life
- Relaxing. Family fun
- Rising water with little sand
- Robe
- Salt
- Sand
- Sand everywhere Horrible SA beaches
- Sand and nature. I do love the beaches in Adelaide. Especially the lesser known places
- Sand and sea
- Sand in the Pants.
- Sand sand & more sand

## Q2b. What does the beach mean to you? Why does it matter?

- Sand, surf, sea air, swimming, bathing, sunsets
- Sea air (x2)
- Sea breeze, relaxation, having the water and sand squish on my feet
- Seaside, saltwater, surf, cool in summer, wild in winter - surfed for ten years after adolescent days on suburban beaches. Love the water/love the beach.
- Somewhere I can relax and enjoy nature. Also love taking photos there
- Summer
- Summer fun and the peaceful water
- Summer I like the warm weather
- Summer living, beach cricket and fun for the kids.
- Summer time - heatwave
- Summer time fun
- Summer, hot weather, great place to relax, cool down, take a long walk
- Sun, sand and swimming
- Sun, sand, relaxing and family time
- Sun, surf, summer, good old days, my youth
- Sun, water, relaxation, fun, catch ups
- Surf and sand and sunburn
- Surf sun fun
- Swimming can't be explained
- Swimming sun sand
- That it's time for Summer...
- The beach for me is a place of comfort and peace
- The beach is a beautiful and fresh area adjacent to a seashore. I love to enjoy my time with my children at the beaches because it is a wonderful and natural place to visit.
- The beach is a place I can relax and enjoy fresh air. I like to dine outdoors when at the beach and enjoy taking my dog to the beach for exercise.
- The beach is a place of rest, relaxation and tranquillity
- The beach is a place to relax and unwind. The beach holds an important place in Australian culture
- The beach is a place where I go to relieve my stress. it matters to me because I love watching sunset at the beach
- The beach is so important, it's fun to be outdoors and within nature. It's an icon of Australian lifestyle. We love spending time in the sunshine and enjoying the sand and surf
- The beach is such a nice place but I enjoy warm hot sun as well as warm water
- The beach is the best place to relax and unwind I love the beach its my special place I feel a belonging at beach I enjoy walking my dog
- The beach is unique. A place to swim, to lie down in sunshine, have fun with friends, go for a walk, look for shells, stones, take photos. Life is rather boring without a beach. Beaches are rather health-giving if not misused. I would always prefer to live near a beach.
- The beach means a lot to me as it is a beautiful environment and is peaceful
- The beach means freedom. It needs to be protected
- The beach offers a place to exercise and clear my head and socialize with my dog, its very important
- The boat ramp only and it means we can launch
- The one I go to the most and have the majority of memories at
- The seeing place, I love this
- The sun sea and surf
- They look good
- They used to be wonderful but now there is no beautiful sand
- This is amazing
- This is good most
- This means so much to me. I always dreamed of living close to the beach and it came true.
- Too busy in city...prefer quieter beaches
- Very good
- Very nicely beach and lovely it
- Walk along the beach every Sunday morning, Love it. Great way to exercise and just enjoy life.
- Walking
- Walking the dog enjoying sunshine.
- Walks, summer get together, swimming, dog exercise
- Was good for fishing
- Water, sand, jetty walks, fish n chips, hot weather and cool water, place to relax
- We walk along the beautiful coast to walk our dog every morning, the smell of fresh air, the sand between your toes and the water so bubbly and refreshing. We love living near the beach to take in the fresh beach smell
- Wind blown sandy feet

# Q3. What do you usually use the beach for?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Walking	74%	86%	70%	73%	78%	68%	76%	73%
Leisure / family /friend time	66%	78%	53%	69%	76%	78%	59%	48%
Swimming	43%	46%	43%	41%	54%	41%	42%	32%
Walking dog	25%	28%	24%	25%	31%	28%	26%	14%
Fishing	13%	18%	13%	11%	15%	14%	13%	6%
Other exercise	12%	16%	5%	14%	8%	20%	10%	8%
Other (specify)	4%	7%	7%	3%	1%	7%	3%	8%
Column n	332	50	90	192	63	103	116	50

## Other responses:

- A coffee break
- Being currently disabled i sit in the car and watch the waves
- Contemplating and relaxing
- Digging in the sand
- Don't go to the beach very often
- For reflection
- Getting sun in the car in winter while on the beach
- Jogging
- Metal detecting
- Photography
- Relaxing
- Sitting and relaxing
- Sitting and thinking
- Staring out to sea and thinking about all my life choices up to that point
- To forget about stress of life
- To sit and reflect

# Q4. How often do you frequent the beach?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Daily	5%	15%	1%	4%	1%	7%	5%	7%
Weekly / fortnightly	36%	51%	29%	36%	44%	45%	33%	20%
Monthly	22%	21%	25%	21%	22%	24%	22%	18%
Every few months	23%	12%	25%	26%	21%	20%	22%	37%
1-2 times a year	11%	1%	14%	12%	9%	5%	16%	13%
Less often than once per year	2%	0%	5%	1%	2%	0%	3%	5%
Column n	332	50	90	192	63	103	116	50

## Q5. Were you aware that Adelaide's beaches are 'managed'?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Yes	55%	66%	55%	51%	41%	63%	56%	55%
No	45%	34%	45%	49%	59%	37%	44%	45%
Column n	399	52	112	235	71	115	148	65

# Q6. Do you know what the beaches are managed for?

- Amount of sand
- Animals, rubbish
- Appropriate behaviour
- As to protect homes being destroyed by coastal erosion or flooding
- Beach life saving rescue
- Cared for by council and life saving
- Clean the beaches for family leisure's
- Clean up Shark spotting
- Cleanliness
- Cleanliness and dog control
- Cleaning of waste and clearing of rocks. But it's against the law to clear seaweed. Stupid Only in Australia
- Cleanliness (x2)
- Cleanliness and public activity
- Cleanliness and safety
- Cleanliness and sand erosion
- Cleanliness and wildlife
- Cleanliness, carparking and events in warmer months
- Cleanliness, dogs, fishing, rubbish, cars on beaches, walking trails, etc
- Climate change damage
- Coastal erosion (x2)
- Conservation
- Controlled and looked after by local councils
- Council
- Degradation of the beach foreshore...
- Do not know
- Dogs sand elimination
- Don't care
- Don't Know (x3)
- Dry zones
- Environmental
- Environmental and public safety
- environmental concerns
- Environmental protection, safety
- Erosion (x6)
- Erosion and cleanliness
- Erosion and environmental. Dogs and life saving. Shark watch
- Erosion of the sand
- Erosion safety
- Erosion, pollution, public behaviour
- Erosion, pollution, sand management
- Erosion. safety drainage
- Everything. Mainly for environmental purposes/cleanliness
- Fishing
- Fishing and safety reasons
- Flooding, bank erosion
- For erosion, litter, etc.
- For people
- For proper safety
- For rejuvenation
- For the currents
- For the public
- For the safety of its users
- Gatherings
- General safety, sand dredging
- Glenelg, I presume managed in the fact that the council looks after the rubbish etc.
- Happy
- Have no idea
- Hopefully to maintain the erosion levels
- Hygiene, safety, environmental protection
- I am not sure, for pollution, erosions and other things like that
- I am unaware of that
- I assume to keep the sand dunes to protect the beach and local wildlife.
- I don't know (x2)
- I don't know what it means by them being 'managed.'
- I have no idea
- I think the council?
- I would suspect it would be for drinking alcohol and keeping an eye on what people do when their pets go to the toilet
- Idk
- Illegal activity, preservation of the land
- I'm not clear to what managed beach means ?
- I'm not sure maybe so they have fair access by the community and are kept clean
- In Australia, who the hell knows.
- It is managed for the local residents



# Q6. Do you know what the beaches are managed for?

- Keep clean and keep pristine
- keep them clean and to ensure we will always have beaches
- Keep them safe , clean
- Keep them well presented and safe and accessible to the public
- Keeping dogs on a leash and social distancing for COVID 19
- Keeping enough sand, which means it sometimes has to be transported from one area to another
- Keeping people safe
- Keeping them clean and free from rubbish
- Last century some of Adelaide's beaches were becoming quite narrow as the northward sand drift continued. Many truckloads of sand were taken from the northern beaches and dumped on the southern beaches to restore the width and sand profile Adelaide's beaches.
- Leisure
- Litter and crime
- Litter?
- Litter? Erosion?
- Local council
- Loss of sand, shark warnings
- Maintain sand levels
- Making sure the sand is replaced and keeping rubbish off beaches
- Maybe sand depletion
- Maybe sand erosion, litter, dogs etc?
- Metropolitan
- Movement of sand and seaweed
- Moving sand, litter, clean water
- N/A
- No (x78)
- No but i am now scared if it might be bad.
- No but I expect they look at shifting sands and coastal habitat
- No but maybe sand levels
- No clue
- No I did not know they were managed
- No I don't (x4)
- No idea (x9)
- No litter or dog poo stuff like that
- None (x2)
- Nope (x2)
- Nope, unless for cleanliness, hygiene and free of syringes, broken bottles and ne'er do wells..
- Not really
- Not sure (x5)
- Not sure. I assume to make sure they aren't abused by people dumping rubbish and causing pollution
- Only the management of animals
- Our safety
- People driving on them
- People to use
- Perfect not to say
- Planning
- Play (x3)
- Play with sand
- Plenty
- Pollution (x4)
- Pollution seaweed
- Pollution, soil erosion,
- Pollution, syringes
- Prevent the sanding and erosion
- Private Beach Rubbish Collection
- Probably all the trash going around and safety
- Protect beach
- reducing sand depletion
- Relax
- Relaxation (x3)
- Removing sand to replicate failed policies to move sand along the coast rather than address the problems that create the need. also life saving.
- Rest surfing
- Restrictions with dog walking, taking care of the sand erosion, the council.
- Rubbish removal. Life guards
- Rubbish, behaviour, animal activity
- Rubbish, people,
- Rubbish, sand erosion
- Rubbish, sand levels, people
- Rules and regulations

# Q6. Do you know what the beaches are managed for?

- Rules, regulations, making sure they're safe and clean and no criminal activity occurs
- Safety
- Safety and preservation
- Safety of people by keeping beaches free of rubbish and any other harmful materials
- Safety, environment
- Sand (x4)
- Sand, rubbish
- Sand and safety
- Sand and soil erosion, picking up after dogs, dogs on leash
- Sand build-up
- Sand carting
- Sand control and general maintenance of beachfronts
- Sand control, clean rubbish away. Jetty , benches , water showers , pathways , I think
- Sand disappears etc
- Sand distribution for where it erodes, plant revegetation to ensure sand stability rubbish pick up from all the scummy druggies and scummy litterers
- Sand distribution, erosion, facilities
- Sand drift (x2)
- Sand drift - trucks of sand moving and relocating sand as needed
- Sand drift and bank vegetation
- Sand drift endangered species plover
- Sand dunes management. Rubbish collection. Environment
- Sand erosion (x10)
- Sand erosion, dogs, alcohol
- Sand erosion and cleanliness
- Sand erosion, litter, life guards
- Sand erosion, cleanliness and safety
- Sand erosion, rubbish, life saving guards
- Sand erosion, weeds, sand build up.
- Sand is carted to West Beach, sand dune erosion is managed
- Sand is removed from one & deposited at another
- Sand is taken and dumped where needed, council patrols the beach and keeps it in good, safe order.
- Sand levels (x2)
- Sand levels are maintained
- Sand levels, clearance of weed and debris, rock wall protection etc.
- Sand levels, pollution and water quality.
- Sand loss
- Sand management (x2)
- Sand movement
- Sand movement & replenishment.
- Sand movement, breakwaters
- Sand movement, cleanliness
- Sand movement, dogs
- Sand movement/control
- Sand preservation. Pollution. Dog control
- Sand relocation
- Sand shift
- Sand transfer to western beaches
- Sand which continues to gradually move north
- Sand; life-saving; parking; boat-access; what exactly did you mean?
- Sand? dangerous objects? alcohol consumption?
- Sanding reduction and erosion
- Sharks
- Sharks, swimmers and rescued
- Supposedly to stop sand erosion and keep them clean
- Surf & rips plus sand erosion
- The Adelaide's beaches are managed to keep them from erosion.
- The enjoyment of all
- The only thing I know is for sharks and if dogs are on leads within the designated times
- They are looked after by councils to keep them clean and safe
- They are managed for the sand
- They are managed to maintain it's cleanliness and the fishes there.
- This beaches used a holiday or occasions visited public swimming, waking, physical exercise etc.
- This is so beautiful
- To be clean and safe
- To be maintained

## Q6. Do you know what the beaches are managed for?

- To control people who fish illegally And to make sure people are keeping 1.5 distance in COVID 19 pandemics And to make sure nothing is going wrong along beach side
- To ensure that they are preserved for their longevity and marine/wildlife.
- to ensure the sand on our beaches is maintained and not eroded away
- To ensure they are kept as pristine as possible for all to enjoy
- To keep intact
- To keep people safe
- To keep them clean
- To keep things clean
- to maintain the eco system.
- To maintain the sand and other amenities
- To play, party
- To preserve wildlife
- To protect the people. Beaches are managed to make sure that nobody gets hurt, whether it be by rocks, sharks and rubbish that idiots leave behind.
- To protect the waters life
- to reduce soil erosion
- To replenish lost sand & limit erosion.
- to stay clean
- To stay clean and to keep people from drowning.
- Transplanting sand from one end to the other. And planting more of that horrible vegetation!
- Unsure (x3)
- Vegetation mgt, safety mgt.
- Vehicles, dogs, illegal activity
- Very nicely
- Waste and upkeep
- Yes (x2)
- Yes, I know

## Q7. From your knowledge, who is responsible for managing Adelaide's beaches?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Local Council/ Local Government	82%	90%	85%	80%	86%	74%	83%	90%
State Government	36%	36%	30%	38%	31%	41%	34%	36%
All beach users	21%	28%	19%	21%	23%	19%	21%	24%
Residents	13%	15%	5%	17%	16%	18%	12%	8%
Other (specify)	3%	0%	6%	2%	0%	2%	5%	2%
Column n	401	52	112	237	71	116	149	65

### Other responses:

- Depends on the context
- Don't know (x3)
- I am not sure
- I don't know but I wish I did so that I could abuse them for the MESS they've made of our once-beautiful beaches..
- No idea (x2)
- Not sure
- Unknown
- Unsure

# Q8. Were you aware before now, of this naturally occurring process of sand movement and erosion?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Yes	72%	94%	68%	68%	48%	71%	77%	89%
No	28%	6%	32%	32%	52%	29%	23%	11%
Column n	397	51	111	235	71	114	148	64

## Q9. Were you aware before now, that Adelaide's beaches are managed to keep our beaches sandy and manage erosion?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Yes	62%	78%	62%	58%	38%	58%	68%	84%
No	38%	22%	38%	42%	62%	42%	32%	16%
Column n	399	52	111	236	71	115	148	65

## Q10. At an overall level, how much do you agree or disagree with this management strategy of moving sand from the northern to the southern beaches?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Strongly agree + Agree NET	75%	71%	75%	76%	73%	81%	71%	80%
Strongly agree	31%	34%	36%	29%	31%	27%	34%	33%
Agree	44%	37%	39%	47%	42%	54%	37%	48%
Neither	14%	13%	14%	14%	19%	9%	16%	9%
Disagree	3%	6%	3%	3%	2%	1%	4%	6%
Strongly disagree	2%	4%	2%	2%	3%	1%	3%	2%
Don't know	6%	6%	6%	5%	4%	8%	7%	2%
Column n	400	52	112	236	71	116	148	65

# Q11. Why do you say that?

## Strongly agree:

- As the information above says, if the beaches were not monitored, we would end up with no beaches down south
- AS we impact sand because of construction and better done at state level
- As you said, without it - the southern beaches would erode
- Beaches are a focus point for SA tourism. We do not need to loose another industry.
- Because I use the southern beaches
- Because if the state government does not do there job, there would be no beaches for us to enjoy
- Because it important that the things we have done to destroy nature are mitigated
- Because it saves our beaches and people can still enjoy it for years to come
- Because it should be their responsibility!
- Because it's very important for us and future generations
- Because obviously we need to manage the sand so it's equally distributed
- Because the northern beaches aren't really used
- because there is a lot of sand
- Because this management strategy will help to keep the beaches from sand movement and erosion.
- Cause it's true
- Distribute the sand equally
- Ecology of shoreline
- Erosion is a problem of nature and we can only do our best to try and remedy this.
- Erosion is an ongoing and natural process. It makes sense to be continually moving sand back to maintain beaches.
- Erosion would ruin the coast.
- Fair for all to enjoy a sandy beach. although this is nature at work. I am happy for my taxes to be spent on this
- For economical reason, environmental and biological reason, keeps balanced ecosystems
- For exactly the reason you provided, to manage erosion, but also for everyone along the coast to be able to enjoy the sandy beaches
- For the reasons stated above, no sand, no beaches
- Good
- Helping to keep the southern beaches from more erosion
- I don't like the rent a crowd protesters
- I have received quite a few flyers that have shown the work that is completed to keep our beaches safe and healthy
- I love it
- I think it is obviously something that needs to be done to preserve our beaches
- I think the beaches need to be protected in the face of more extreme weather in the future.
- Idk I guess it's just a personal thing
- If it helps to prevent erosion, it helps to protect people, so I'm all for it!
- If it is going to save our beaches for everyone to enjoy now ad also future generations, then that is a great thing
- If it needs to be done it has to be.
- If its not done, there will be less beaches for people to enjoy
- if not done, beaches will be ruined forever
- if that is the best way of managing our favourite beaches then I totally accept their decisions on how they manage the beaches
- If that will preserve the eco balance without detriment to the northern regions then I am all for it. Besides that I am sick to death of the preferential treatment given to the northern regions, whilst the southern regions are continually neglected by the government.
- If there is a build up in one spot due to tidal movements, it makes sense to move it to other areas where there is erosion. This would allow for preservation of those beaches.
- If this didn't occur, eventually St Vincent's Gulf would shrink southward and the lower gulf beaches would become rocky and unusable



# Q11. Why do you say that?

## Strongly agree:

- If this didn't occur, some beaches would be disadvantaged
- If this is the best way to save and maintain our beautiful beaches I hope this continues . We should communicate this often as we use for free.
- I'm not sure I just think that
- important to maintain sand levels at eroded beaches
- It is important so future generations can enjoy them
- It is important to keep beaches natural
- It is necessary to manage natural things in our earth
- It is quite good solution which i believe having a long term impact to protect our beaches
- It is the best management process
- It is very important to protect against erosion and loss of sand
- it makes sense
- It protects our environment
- It returns a semblance of the natural state and preserves the beaches for use and to control erosion.
- It seems to work
- It would be sad for our lifestyle to not have beautiful beaches to relax and play in
- It would be terrible to lose beaches by erosion
- its a good idea
- It's a good plan because we love our land and we should do everything we can to stop it slowly melting away for our future generations
- Its a proven system that has been working for at least
- the past 30 odd years, is necessary due to tidal surges. Please continue.
- It's for the better for everyone that lives along the coast. If the sand goes then we will have land eroding and then properties lost
- It's important
- It's important to ensure there is enough sand on the beaches to prevent erosion of nearby land and properties and provide suitable beaches for tourism.
- It's important to preserve our beaches for future generations.
- Its keeps the beaches in good health
- It's obvious
- It's the right way to maintain our beaches and keep them from loss
- Keep the shape of our beaches
- Keep them looking nice
- Keeps the beaches sandy and damage free for all residents, not just the favoured ones
- Let's us keep our beaches
- Love the beach and it's beautiful sand is a major part of it
- Needed
- Needs to be done
- Needs to be done
- Obviously things need to be protected so we can continue to enjoy
- Otherwise they would turn to rock and corrode
- Otherwise we will have no beach left down south
- Our coastline is important for residents and tourists. We need to keep it looking good & making it usable for all
- Our southern beaches would disappear leading to coastal erosion
- Planning
- requires intervention
- Sand and soil are limited resources and should be Shared
- Securing the future of South Australia
- Seem necessary
- Seems to be needed....makes sense
- So that erosion doesn't potentially take family homes from the coast line
- So we can continue to enjoy the beaches, so they are maintained and it does not affect the lovely places that have been built up around beaches
- Southern beaches would end up having no sand
- The beaches are so good
- The beaches protect Adelaide's foreshore zone. Many beaches have boulders piled at the beach side of the Esplanade. These are placed in and upon beach sand and could eventually be undermined if the beaches were not managed. The Esplanade, and some real estate is thus endangered. It is too late to change the usage of the foreshore land so it needs to be maintained through maintenance of the beaches.

# Q11. Why do you say that?

## Strongly agree:

- The coastline would significantly erode
- The right think
- The southern beach would disappear otherwise.
- They keep the sand on our beaches
- They know what they are doing I Know nothing about managing beaches. They are the experts.
- This beaches not is a public place and government announced beaches used is a occasion not a everyday.
- This will help a lot in the conservation of our beaches.
- To allow people to enjoy access to quality beaches
- To help the beaches
- To keep al our beaches beautiful
- To keep our coastline perfect
- To keep the beaches in the same state
- To maintain beaches
- To much erosion has taken place to much housing taken away the foreshore
- To prevent erosion
- To protect other beaches that are getting eroded.
- To protect the coastline and walkways
- Very important
- We need beaches in the south
- We need to maintain our coastline
- We need to maintain the sand for beach users
- We need to preserve our environment
- We need to preserve out beaches
- What else would prevent the erosion.
- Without this management the current beachfront as we know it would completely change, distributing business and house values in those areas
- You do not want a rocky beach

# Q11. Why do you say that?

## Agree:

- Agree to save land
- Agreed
- All beaches need sand to be viable
- All beaches need to be for all people
- All beaches need to be maintained
- As if sand gone beaches will no longer exist
- As it's keeping our beaches usable
- As this will provide more sand to beaches that lack it
- As you said, to prevent a build up in the northern beaches and to preserve the southern coast
- Because all our beaches need to be protected
- Because it makes the beach an enjoyable area no matter where you are.
- Because nature is not going to move it the other way. Even Hawaii has to import sand from Queensland to keep their beaches in good order.
- Because the strategy is effective.
- Because the whole coastline needs sand
- Best
- Best outcome for all beach users.
- Continuing erosion will degrade the beaches and swimming will be seriously affected.
- Excess in the north should be used to top up the loss in the south
- For the enjoyment of all
- Good for some and not so good for others
- Has worked previously for metro beaches.
- Help keep sand levels even across all beaches
- Help refill lost sand due to tidal movements
- Helps the environment
- I agree because if we were to take our kids to a beach of rock and clay they would be tripping and hurting them selves
- I agree with it
- I agree with it as long as the northern beaches are not affected in any way to the point of not sustaining this process
- I agree with it because if they are not managed the result will be loss of sand on the beach
- I assume they know what they are doing
- I feel very happy
- I have seen the sand levels reduce substantially at times on Seacliff, Brighton, Somerton Park and Glenelg beaches, as I have always lived nearby and use the beaches regularly.
- I know that they're doing this for the best
- I like this
- I live in the south so it is important to me and other residents of southern suburbs that there is sufficient sand for these beaches to function
- I tend to think there must be a better way, but this still does maintain the amenity for all of us.
- I think it should be managed for the protection of the beach and local wildlife not so humans can continue to enjoy
- I think it's a band aid fix. This is something that must happen every single year. I'm wondering if there is a more permanent solution or something that can be done to make the effects more longer lasting
- I think they need to do something and if it helps then I say go for it
- I think we would have a big problem if this was not done
- If it didn't happen some beaches would disappear
- If it is essential to manage sand distribution to prevent the erosion of our beaches to rock and clay then I'm supportive of this initiative
- If it isn't moved back it will all end up in the north and there will be nothing left in the south
- If sand wasn't replaced people would have to rocks plus little sand for beach goers
- If the local Beach's need it. No problem to me. Keep it beautiful
- If this is not done there would be too much sand in Largs Bay and not enough sand in Glenelg
- If we want our beaches it has to be done. the beaches and facilities play a big part in our economy
- if would happen any naturally the movement of the sand
- It allows everyone to enjoy it
- It can be controlled
- It has to happen other the beaches will disappear but I doubt it's natural, more likely because of the boat ramps & Breakwater walls etc that have been built

# Q11. Why do you say that?

## Agree:

- It is essential to protect our scene and it will provides a long lasting impact solution
- It is good to preserve the land, but it only manages some beaches.
- It is important to maintain this for our coast to remain as it is
- It is something which much needed.
- It makes sense
- It makes sense and important to have many good beaches for people to visit
- It makes sense based on the above information; i wouldn't be interested in a beach without sand
- It makes sense to ensure the beaches don't become eroded
- It makes sense to help in stopping sand build-up and move it to another beach to try and help with the factor of erosion of sand
- It mitigates the problems of both sand erosion and sand build-up
- It need to help keep the beach
- It needs to be done for good health to our beaches
- it needs to be done to keep beaches sandy
- It seems convincing
- It seems fair enough
- It seems like a good idea
- It seems like a good idea to ensure our beaches do not erode
- It seems like an adequate option and I'm not aware of any other ways to manage this problem
- It seems like the best option to ensure longevity
- It seems to be the sensible thing to do
- it sounds like it is what is best for everyone and the environment
- It what should happen
- It will benefit beach goers and the environment
- It's important
- Its good for beaches
- It's good for sustainability
- It's good maintenance
- Its important to maintain our beaches
- Its that or close them and let nature have its way
- Keep all beaches pristine for the community
- Keep beaches in best possible order.
- Keep the beaches in good condition
- Keeping our beaches sandy is beneficial for all consumers
- Keeping the balance throughout the beaches
- Look after all beaches
- Mainly because we've set up homes so close to the shore line and I'd hate for erosion to ruin these homes and pollute the ocean
- Maintains beaches in good condition for people to use
- Makes sense
- more open spaces
- move it back to where it came from
- moving the sand back to here it came rom
- My best guess
- Necessary
- Necessary to keep all beaches sandy.
- Necessary to keep all the beaches sandy
- Necessary to keep the beaches open.
- Necessary to maintain current beaches
- Need to fix
- Need to help nature sometime
- Need to monitor the build up and maintain a balance
- Needed to keep all beaches in good condition
- Needs to be done
- Needs to be maintained at set levels
- Nice to have a range of sand in other areas
- On going problem
- Only option
- Otherwise they will end up looking like the Hallett Cove beach which desperately needs sand
- People are drawn to the Gulf - management seems natural
- People want sand on their beaches
- Preservation
- Problem has been created a lot by man with structures (jetties and walls) and erosion of sandhills by removal of grasses which stabilise them so we need to minimise the effects of the above

# Q11. Why do you say that?

## Agree:

- Protect the beach
- Sand is a limited resource
- Save our beaches
- Seems logical
- Since the sand keeps moving north it makes sense to bring it back south again
- So beaches can be kept in good condition otherwise we will be left with no sandy beaches to enjoy
- Some areas are loosing sand but others have excess
- Sounds like a good thing
- Southern beach are much nicer
- That is quite essential to provide a long lasting solution for beach
- The sand drift needs to be managed but why do they not try small breakwaters all along the beaches as they do in England
- The southern beaches attract the most people and need to be maintained.
- There would be no beach if this was discontinued
- there would be no southern beaches
- They are only returned back what has moved away
- To keep beaches and stop erosion
- To keep the beaches looking nice and to stop erosion
- To maintain the beach in good condition
- To maintain them
- To preserve the Beaches
- To protect the beach
- To protect the beaches
- To replace the erosion from southern beaches
- To stop beaches disappearing
- To stop the southern beaches from losing all of the sand and the northern from having too much
- We need the beaches to look nice but it is rather expensive to maintain
- We need to protect our beaches
- Well, if they weren't managed, then erosion would occur and there would eventually be no sand on the southern beaches.
- Well, people would probably die if nothing was done, there are beach houses and tourists there all the time
- What we've done with development is the reason for the erosion and without being managed the houses would end up in the sea
- Without it we wont have sandy beaches

# Q11. Why do you say that?

## Neither:

- Because I don't really understand the concept and how they move the sand
- Because I'm unsure of the reasons behind it
- Cost involved
- Don't care
- Don't know
- Don't know enough about it
- Don't know enough about it
- Don't know much about it so can't say
- I am not familiar with this beach management
- I don't have an opinion
- I don't have an opinion either way I believe the government are doing what they can to prevent these issues and in doing so its hopefully maintaining the beaches in a helpful manner
- I don't know enough about it (x4)
- I don't know enough to have an opinion. I think environmental scientists know what they're doing
- I don't really care about it
- I don't really know what this means
- I don't think anything of it
- I don't think it is the best idea but if the government thinks it's a good idea, well they can do what they want to.
- Idk
- If it is what is needed then I guess it has to be done
- I'm unsure of the process
- It has to happen other wise there will be no sand for any one
- It is a necessary evil but it does not improve beaches at all
- It is a necessity to preserve our coastline
- It only impacts the residents nearby and the beach users
- Never really thought about it to be honest
- Not 100 percentage this is true or just ala table
- Not sure
- Not sure really. Glad it's being done.
- Not sure we need management, let nature take its course
- Perhaps you should look further to see what causes this erosion and fix it at the source.
- Priority low?
- Sand naturally moves along the gulf. Need to look at other man made structures to help reduce sand movement and not just try to counteract nature
- Shifting sand from one beach to another won't fix the problem
- Surely we should let nature take its course
- The sand should always stay where it is, keep moving sand to other areas create sand erosion that goes into the water. If it is not compacted down then the sand blows up and flies away with wind.
- Their maybe other alternatives
- Then Port Adelaide would become silted up and useless as a transport hub
- There are always positives and negatives to do this
- This is something that is done in the background, with few actually aware of the activity. As I very rarely go to the beach, this management strategy of sand moving is unnoticed and unheard.
- To keep beaches
- Unsure
- We have some deep rooted problems with deep state and other terminal activity which puts the issue of sand erosion on level of pretty insignificant right now.
- You asked

# Q11. Why do you say that?

## Disagree:

- I think there should be a better way of managing sand movement.
- If the break water at Glenelg had not been built the problem would be no where near as bad
- Let nature do it's job naturally
- Let nature run its course
- Mother nature will take care of this situation
- Taking away from western beaches and it just blows back
- The \$ cost - and although minor disruption it does get annoying - should introduce the pipe - not trucks
- There is a natural shift of sand to and from all areas
- There must be a better way not as costly
- They should get sand delivered from somewhere else as this can create more problems
- Waste of money to curb a natural event

## Strongly disagree:

- Against natural forces
- Having lived on the beaches at both ends of this failed strategy I can assure you that the only outcome has been the deterioration of the beach and surrounding vegetation.
- How come these beaches have been there for millions of years, but suddenly they are now causing problems? This has only been happening in the last sixty years or so. I blame that disgusting vegetation that you have to walk through for MILES to get to the actual water
- Humans keep trying to change or control things that happen naturally. We should just leave it. It's not about being able to go to the beach for everyone. To me that sounds selfish but I can understand that businesses want our beaches the way they are to encourage potential customers
- It a natural event
- The beaches are horrible even with sand
- The government should just let the sand move, it is only natural, and if it is managed it might effect our wide rand of sea life
- You can't change Mother Nature. Drifting of sand is a natural process but I have no doubt it has been compromised by coastal development

# Q11. Why do you say that?

## Don't know:

- Because I am unaware of the situation
- Don't know
- Don't know any of the science behind it
- Don't know anything about it
- Don't know enough about it
- Don't know much about it
- Find it difficult to see the concept working
- I don't know enough about the situation and strategy
- I don't know much
- I have no idea as I don't go to the beach
- I honestly don't care
- I really couldn't care less
- Idk
- I'm not fussed
- It's like a dog chasing its tail, if it is a natural process will be forever trying to fix the issue and only removing sand from places that need it as much as another area
- Not sure of the impacts of doing or not doing it
- Simple. I am not an academic knowledgeable in this area.
- That's just how I feel
- Unsure of alternative
- Unsure whether managing the beaches is good for the environment or whether human intervention causes more problems for the natural environment



# Q12. Before now, had you heard of sand movement via trucks or pipelines?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Yes	56%	79%	57%	50%	26%	58%	58%	81%
No	44%	21%	43%	50%	74%	42%	42%	19%
Column n	396	51	112	233	70	114	149	63

## Q13. Are you aware or have you seen any of these sand movement activities?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Trucks moving sand along the beaches	48%	68%	53%	42%	39%	55%	47%	54%
Pipelines being built or used	21%	36%	12%	22%	25%	28%	15%	21%
No, have not seen any sand movement	47%	25%	47%	52%	48%	39%	52%	46%
Column n	396	51	110	235	70	116	148	62

## Q15. At an overall level, do you support the South Australian Government's 'Securing the future of our Coastline' project based on the facts above?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Strongly support + Support NET	81%	94%	82%	77%	76%	85%	76%	92%
Strongly support	34%	36%	40%	31%	28%	31%	36%	45%
Support	46%	58%	42%	46%	48%	54%	40%	47%
Neither	13%	6%	10%	16%	17%	12%	15%	5%
Oppose	3%	0%	3%	3%	4%	1%	4%	0%
Strongly oppose	0%	0%	0%	1%	0%	0%	0%	2%
Don't know	3%	0%	5%	3%	4%	2%	4%	1%
Column n	399	52	112	235	71	115	148	65

## Q15b. Please tell us why you oppose this

- A waste of money
- Are these 'experts' mad? How long will these pipes last, with HIGHLY abrasive sand whizzing through them constantly?
- As stated
- I think nature should be left to take it's course
- Its a natural event live with it
- Let nature take its course
- The cost is too much. The money should be spent on other things.
- The cost the economy is such a mess we don't need to spend this amount of money right now
- They should just let the sand naturally go up as its only natural and plus moving it might harm wildlife, they can add the sand instead not remove it from other shores
- We could put that money into health and education

## Q16. Do you support or oppose the construction of the sand recycling pipeline to manage our beaches?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Strongly support + Support NET	76%	83%	76%	75%	76%	81%	70%	84%
Strongly support	32%	33%	34%	30%	24%	35%	30%	40%
Support	45%	50%	42%	45%	52%	47%	40%	45%
Neither	15%	9%	14%	17%	16%	15%	17%	10%
Oppose	2%	2%	2%	2%	2%	1%	4%	1%
Strongly oppose	2%	2%	4%	1%	2%	0%	3%	1%
Don't know	4%	4%	4%	5%	4%	2%	7%	3%
Column n	400	52	112	236	71	115	149	65

## Q16b. Please tell us why you oppose this

- A waste of money
- As stated
- Expensive project where money could be put to more important things
- I don't really have a reason
- I'll be one of the first ones to laugh when the pipeline starts springing 'leaks'. Haven't they ever heard of metal being cleaned by sand-blasting?
- Lifting sand to other beaches are already at erosion point, so putting more sand on sand that is already compacted down will not move but putting the sand on top will start blowing away or going into the water, The water is rising so therefore the beach is no longer there
- more unnecessary destroying what nature had done from day 1
- See above
- The beaches are horrible anyway They smell awful The sand stinks
- The cost the economy is such a mess we don't need to spend this amount of money right now
- Waste of money
- Waste of time and money. You need to find a permanent solution rather than all this sugar coating of our coasts. Coastal development has been a major cause of sand movement
- Why do we need to build pipes to do the job. why cant people do it by trucks

# Q17. How important is it that you are informed about projects such as these?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Extremely important + Important NET	73%	88%	69%	72%	72%	75%	72%	76%
Extremely important	26%	30%	29%	24%	18%	32%	26%	29%
Important	47%	58%	40%	48%	54%	43%	46%	47%
Neither	17%	11%	15%	19%	19%	11%	19%	20%
Not very important	6%	1%	8%	5%	5%	10%	5%	3%
Not important at all	3%	0%	7%	1%	0%	4%	4%	1%
Don't know	1%	0%	1%	2%	4%	1%	1%	0%
Column n	398	52	111	235	71	115	148	64

## Q18. What is the most important information about this project that should be shared with the community?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Any impacts around beach access to the public	72%	84%	69%	70%	62%	77%	72%	74%
Cost of the project	58%	55%	54%	61%	53%	55%	60%	64%
Environmental impacts	54%	66%	61%	48%	48%	48%	62%	55%
Facts that support the project to help educate people	51%	52%	60%	47%	45%	48%	54%	58%
When the pipeline will be constructed / length of construction time	48%	51%	45%	49%	38%	50%	49%	56%
Other (specify)	1%	3%	2%	1%	0%	2%	2%	0%
Column n	398	52	112	234	71	114	148	65

### Other responses:

- All
- Show what it would be like if it's not done by computer image.
- The long term viability
- What companies are involved in the project
- What other options were considered and why this is the best one.
- Why must there be a 'most' important?



# Q19. Is there anything else you would want to know about this coastline management strategy or activities?

- Anything that the beach users need to do or to contribute in this project
- anything that will affect swimming
- Are there any examples of this having been done elsewhere? My usual opinion is that being well informed reduces unreasonable objections. I would like to see a simply put but detailed description of the pipeline system functioning. I am sure that many people would like to see a documentary on the subject.
- Costs
- Delays or unexpected costs
- Details of similar projects elsewhere
- Doesn't effect me, but for the future.
- Estimated completion date.
- Everything
- exploring and learning is essential for growth
- General safety
- how being funded
- How effective it has been and how well our beaches have been maintained
- how it impacts wildlife and seaweeds
- How it will impact habitats
- How long
- How well its doing would be good
- I am happy for it to happen. I trust the decision makers
- I don't believe how our coasts have ever been managed properly. The sand drift has been more and more due to the degradation of our coasts and development. The councils are fully responsible for the degradation of our beach and coasts in relation to sand drift
- I gave as much info as I am aware of
- I think I would prefer not to know because now I will think about it too much but have no say or an opinion that matters to the government
- I think seeing it would be helpful. Perhaps in a segment on the news
- I will investigate further
- I would be particularly interested in the environmental impacts of the pipeline
- If it is successful
- Impact
- Is it safe
- Is there any other strategy attempted, like groins?
- Is this sustainable and does it work
- It doesn't explain HOW sand gets moved through an underground pipe, that stuff is HEAVY! Are homeowners going to be impacted? Yes? As long as they are told upfront and there's not too much disturbance of soil under homes which could lead to cracking, at the very least ratepayers should be aware. Are you utilising land from the Caravan Park and the old Marineland Site?
- It should be put to open public discussion with open transparency for ALL SA residents to have input.
- It was covered in the survey, thank you.
- It's current situation now please
- Just as indicated
- Just how far south the proposal will extend if necessary
- Just if it's dangerous to me or wildlife
- Just what is happening and when and why What benefits it will bring
- Keep the pristine beaches
- Maps showing where sand will be removed from and beaches it is going to
- No but I certainly learnt something from this survey which I didn't know before, about the construction of the new pipeline
- No, happy that there is a plan
- Pats on backs for the science and planners
- People using the beaches
- Perfect not to say
- Pretty much everything. Government has gotten away with some sick stuff being sealed up tight.
- Progress of the strategy
- Stop trying to beat nature
- Thanks for sharing, I believe this very important to help save and keep this asset.
- The cost of maintaining the pipeline yearly.
- The government should be sending out a letter or email with more information yes would absolutely be helpful
- The impacts on local wildlife and health of the coast

## Q19. Is there anything else you would want to know about this coastline management strategy or activities?

- The movement of sand is a natural phenomenon However for the aesthetic appearance and public enjoyment it is necessary to maintain quality of sand in popular beaches..
- They seem to have it all under control
- This is so good
- Timeline of completion
- Timeline to get this important job done.
- Times of sand relocation
- To protect the beach
- Very good. I like it
- Very nice
- What are the alternative ways to manage this? Have we built too close to the shore? Should this be changed?
- What are they doing to prevent erosion from happening again
- What companies are involved in the project and if they have any connections within the Liberal party
- What environment groups & organisations think of this
- What impact it will have on the beach from where the sand is taken.
- What is it doing to the environment and animals habitat
- What the pipes will be made of, and how long they will last...before we're up for another big bill to repair or replace them.
- When is the cost walk track being finished -Semaphore Park through to Grange - taking to long to commence.
- When it occurs
- When it will begin
- When it will cease
- When will it be finished
- Which liberal party donors will be receiving the benefits of this project?
- Why not further south
- Why they want to keep the coasts from eroding.
- Will it affect other metropolitan beaches in the future
- Yes I think the community has a right to know what the State Government is doing about this problem, if not so much for this generation but for future generations to come

## Q20. Do you have any final comments?

- A good project, needs to be done
- All good - the beaches are just so important top all of us - not only the local residences
- Consider more prominent educational signage around beaches and affected areas to communicate erosion and the role plants can play and purpose of sand pipe
- Free Victoria. TRUMP2020
- Good on the govt for addressing this situation
- Good survey
- Great experience for
- Great to see Government saving our environment
- Hope for the better
- I assume the government will do the right thing in this matter
- I don't like all the greenery from the road to the foreshore but it helps the sand to stay put.
- I hope we consider natural resources in our surrounding
- I like this
- I strongly support this project as I am very happy with our beach. And I am willing to do my part to support the government.
- I would like to visit beaches anyway despite the impact of project
- if it gets the trucks of our roads then its all good
- If we can find an effective PASSIVE method to manage our beaches, that would have to be better in every way to using active methods.
- Interesting
- Interesting topic
- It is a good initiative for our community
- It is an useful and relevant survey.
- It is good to hear about beach management again after nearly forty years. Thanks!
- it was a pretty much good doing this survey.
- It was a very interesting and informative survey
- it will not affect me. but would be of interest to know of this project.
- It would be nice to know how this affect the native habitat/environment around the beaches
- It's only OUR (the taxpayers') money, so what do the government care? Regardless of how many people are against it, they'll do exactly what THEY want to do. If they got rid of all that greenery behind the beaches, they mightn't need this pipeline or trucks, etc.
- I've learnt a lot
- Just come clean and admit it's the boat ramps
- Just that it would be nice to have information of this kind posted on Facebook or as another type of survey as this one, which was very interesting to read about.
- Keep them beautiful
- Like it
- Limited knowledge but answered honestly
- Maybe we need to construct some 'berms' along the beaches as an aid to stop the sands northward creep?
- These are used in other parts of the world where this sand movement is an issue.
- No. Only that the state govt is doing a great job on this project.
- Some measures to keep those awful clear squishy crescent shaped jellyfish off Glenelg beach would be great
- Stop playing with nature as we've already destroyed too much of this planet & our country
- Strong support (x2)
- Strongly support beach upkeep
- Thank you for letting me know about this
- Thanks for providing the great information
- Thankyou for letting me participate
- The all beaches are good
- The people of Semaphore need to be better educated to alleviate their concerns and opposition. The Glenelg to Seacliff pipeline seems to be working well and keeping hundred of truck loads of sand off our roads.
- The pipeline is working in the south. Brighton & Seacliff are looking good. Lets get this work done & fix all of the metro coast.
- This is beautiful.
- This is important and I feel privileged to be involved even in this small way
- this is why we pay taxes
- Very interesting and informative survey
- Very interesting survey

## Q20. Do you have any final comments?

- What about Hallett Cove Beach
- When only manage a short section of beach's?
- When will the work commence?
- Why is this matter not being debated publicly? why do residents in the affected areas need to find out about these things out through random events like surveys?
- Would have been good to see video ads or footage if there were any
- Would small breakwaters all along the beaches like they have in England stop the sand drifting
- Yes. This absolutely must be done (if approved), using local companies. No interstate or international companies. Who runs the Goolwa mouth sand pipeline? Are they an SA company that could be utilised?

# Q21. Which of the following best describes your household composition?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Young person living alone / in a shared household	9%	0%	14%	9%	32%	12%	0%	0%
Young couple living together	8%	10%	3%	9%	23%	10%	1%	0%
Young family with youngest child not yet at school	7%	11%	7%	7%	17%	15%	1%	0%
Young family, with youngest child, primary school aged	13%	6%	5%	19%	7%	37%	7%	0%
Middle family, with youngest child, high school aged	4%	1%	6%	4%	2%	9%	3%	1%
Middle family, with child living at home high school aged or older	6%	2%	6%	7%	0%	4%	13%	0%
Mature family, with any children living at home older than high school age	9%	2%	10%	11%	9%	2%	15%	6%
Mature couple	27%	43%	30%	22%	0%	5%	40%	61%
Mature single	13%	21%	16%	10%	3%	4%	17%	28%
Mature person living in a shared household	1%	0%	1%	2%	2%	0%	2%	2%
Mature person living in other family's home	1%	2%	1%	1%	2%	0%	1%	0%
Other specify	1%	2%	3%	1%	2%	2%	0%	2%
Column n	400	51	112	237	71	116	148	65

## Other responses:

- Couple where children have left home
- Group adult household
- Living with children
- Living with parents (x2)

## Q22. What is your employment status?

Column %	Total	Lives in a beach side suburb	Does not live in a beach side suburb	Lives in a non beach side council	18 – 29	30 – 44	45 - 64	65+
Work full-time	41%	40%	33%	44%	40%	68%	39%	5%
Work part-time	17%	18%	21%	14%	19%	10%	24%	4%
Home duties	5%	2%	3%	7%	3%	7%	6%	2%
Unemployed	9%	5%	15%	7%	19%	4%	10%	0%
Retired	19%	26%	22%	16%	1%	0%	12%	84%
Student	4%	5%	2%	5%	15%	5%	0%	0%
Pension	2%	0%	2%	2%	0%	1%	3%	3%
Disability support	3%	2%	2%	3%	2%	3%	4%	1%
Other	1%	2%	0%	2%	1%	2%	1%	0%
Column n	400	51	112	237	71	116	148	65

	%	n
Total	100%	401
Lives in a beach side suburb	32%	52
Does not live in a beach side suburb	68%	112
Non beachside council	59%	237
18 – 29	20%	71
30 – 44	24%	116
45 - 64	39%	149
65+	16%	65

# Appendices

Discussion guide, questionnaire & materials





DEW – Discussion Guide  
General Population & CRG  
[P/N200805]

Introduction [5 mins]

- Purpose of research – to understand usage and connection to Adelaide's beaches and management strategies and activities, and to help inform future management
- 4 x [QR codes](#), focus group with various beach users across Adelaide and coastal residents
- Open and honest opinions are essential. Confidentiality is assured, recordings only used for the report
- Clients viewing focus groups will keep confidential

Who are they? [10 mins]

- Participants will be asked to introduce themselves, including:
  - Household, where they live
  - Beaches – where, when, with who and why?
  - What does the beach mean to you?

Awareness and knowledge (unprompted) [15 mins]

- Awareness of the fact that beaches are managed
  - Understanding of why beaches are managed
  - What changes (if any) have they seen over time?
  - Knowledge of management issues regarding beach and sand
  - What activities are they aware of?
  - Who is responsible?
- Awareness and knowledge of:
  1. **Natural Sand movement** (show [illustration A](#) after discussion)
    - Awareness and knowledge
    - Environmental impact
  2. **Sand movement works / sand pumping**
    - Awareness and knowledge
    - Locations
    - Positives / advantages
    - Negatives / concerns / impact for users
  3. **Sand recycling pipelines**
    - Awareness and knowledge
    - Locations
    - Positives / advantages
    - Negatives / concerns / impact for users



Securing the future of our coastline program (prompted) [40 mins]

- Introduce information – Coastline management overview:
  - [Fact sheet B](#) then video <https://youtu.be/DgslCmAp3o0e>
  - [Illustration B](#) (2 pages) ■ [West Beach erosion](#)

[Fact sheet C](#) – FAQs on sand movement works

- Discuss overall thoughts and appeal of **coastline management and sand movement**
  - Positives / advantages
  - Negatives / concerns
  - Impact on beach use

[Fact sheet D](#) and pipeline example [Illustration D](#)

- Discuss **Pipelines for recycling sand** in general
  - Positives / advantages
  - Negatives / concerns
  - Impact on beach use

[Fact sheet E](#) – Semaphore sand movement

- Discuss **Semaphore Pipelines** for recycling sand
  - Positives / advantages
  - Negatives / concerns
  - Impact on beach use
  - Show [illustration E](#) again – what is the impact of each of these points?
    - In particular **Semaphore** and **West Beach**.

- Overall support or oppose? Why?

Summary and communications [15 mins]

- Is the information clear?
  - What is happening and when
  - Who is [responsible](#)
  - Trust in process to deliver the process responsibly
- Are there any points of confusion?
- What is the key information that you would want to or the community should know?
  - Key facts to promote benefits
  - Key facts to overcome concerns
- Any other final comments?

Close [2 mins]

- Moderator head upstairs to check with client for other queries
- Thank participants for their time and ask if participants need according to their cars or require taxi
- Remind of stop in focus group room doorway and name tags



## Illustration A – Natural Sand Movement



## Fact Sheet B - Coastline management overview

Some of Adelaide's beaches are experiencing significant sand loss and erosion.

The state government manages the metropolitan coastline for the community to enjoy sandy beaches and to protect the foreshore from storms.

Sand is moved from where it builds up to areas of erosion. Without doing this, some of our favourite beaches would erode to rock and clay.

Sand is a finite resource – it needs to be managed and shared equitably along our coastline so residents and visitors can all enjoy Adelaide's stunning coastline now and into the future.

### Securing the future of our coastline

The South Australian Government has announced new investments of \$52.4 million in our beaches and coastline. For the metropolitan beaches, this includes funding to deliver a long-term solution to Adelaide's coastline.

The *Securing the future of our coastline* project will:

- Construct a sand recycling pipeline from Semaphore to West Beach to move sand from beaches where it builds up, without the need to move sand by truck.
- Deliver a large quantity of sand (500,000 cubic metres) to West Beach from outside of Adelaide's beach system to make up for losses that have occurred since the late 1990s.
- Restore sand dunes using best practice techniques and native plants in partnership with local councils and coastal community groups.



**Illustration B – West Beach (page 1 of 2)**



**Illustration B – West Beach (page 2 of 2)**

West Beach



**2001**

**2016 storm**

**West Beach – before and after**

Location: Rockingham Street dunes (north of the West Beach Surf Lifesaving Club)



West Beach (beach ramp)



**2014**

**2019**

## Fact Sheet C – FAQs: Sand Movement Works Summary

West Beach and Henley Beach South are eroding. A measure to replenish these beaches is to **move sand from Semaphore to these eroding southern beaches.**

- Why can't Adelaide's coastline just be left alone?** Adelaide's roads, houses and other infrastructure were built along the foreshore before it was commonly understood that Adelaide's sand naturally moved south to north. Maintaining a stable coastline by moving and recycling sand allows us to enjoy sandy beaches, as well as saving South Australians from the costs of damaged assets and infrastructure.
- Why does sand need to be moved?** From all the studies and evidence, the most practical and cost-effective ways to deal with erosion on Adelaide's southern beaches are to recycle sand from Adelaide's northern beaches, and bring in additional sand from external sources.
- What about the health of Adelaide's northern beaches?** Semaphore beach has plenty of sand. As sand moves north on Adelaide's coast, the Semaphore area will naturally accrue sand, as it did when similar sand movement occurred in the early 2000s, 1990s and 1980s.
- How's the health of Adelaide's southern beaches?** West Beach and Henley Beach South are eroding quickly. Today, beach levels at West Beach and Henley Beach South are lower than at any other time since records began. The beaches between Kingston Park and Glenelg have been maintained by a sand pumping system along that part of the coast since 2013.

## Fact sheet D - Pipelines

### What are the benefits of pipelines for recycling sand on our beaches?

Pipelines provide more flexibility in managing our beaches, with multiple intake and discharge locations allowing sand to be picked up where there is an accumulation and delivered to locations most at need across the beach system.

Another major benefit of pipelines is reducing the use of trucks for sand recycling, making it safer for the community, as well as reducing noise, congestion and the impact of trucks on roads.

### What happens during pumping?

During pumping, temporary infrastructure is assembled on beaches for several months. This machinery is removed when the pumping is complete. Pumping does not occur during the times of peak beach use over summer in order to minimise disruption to residents and beach users.

The pipeline from Glenelg to Kingston Park currently pumps approximately 100,000m<sup>3</sup> of sand successfully each year.

Due to technical sand management issues, the pipeline located between the Torrens Outlet to the West Beach dunes (Cell 3) is not currently being used. Sand is being carted from the Semaphore South breakwater to replenish the beaches at West Beach and Henley Beach South.

Trucks continue to be used in some sections of the coast, such as from the West Beach boat harbour to Glenelg North and West Beach Parks dunes; and Semaphore South to West Beach and Henley Beach South.



## Illustration D – pipeline example

### South Brighton restoration

During the 1980s and 90s the Seadiff and Brighton coast was severely eroded.

More than 1 million cubic metres of sand was imported in the late 90s to create dunes, and now with the help of the sand recycling pipeline and dedicated dune care volunteers, these beaches are maintained and looking beautiful year round.



Images © City of Mandurah Bay



## Fact Sheet E – Semaphore Sand movement

[from Semaphore and Largs Bay to West Beach and Henley Beach South]

**Duration:** Periodically 2-3 times per year (autumn and spring) in 2020 and 2021.

- Planning is underway for sand movement works to be undertaken in spring 2020 and autumn 2021. No decision has yet been made about how much sand will be moved, from where or when.
- Currently, the only way to get sand from Semaphore to West Beach is using trucks collecting sand at Semaphore and driving along the beach and roads to West Beach to deliver the sand.
- Before a decision is made, an independent review on the impacts of moving sand from the northern beaches is being undertaken. This will help inform the future sand movement works.
- This review will include assessing the [short term](#) impacts of the interim sand movement works and the longer term impacts of the sand recycling pipeline implementation. A working group including community representatives is involved in the process.
- The department regularly meets with community representatives and council to help guide the Semaphore sand movement works.

### Why are we building a sand recycling pipeline and where will it be located?

- A sand recycling pipeline from Semaphore to West Beach will provide an efficient means to recycle sand. This will provide a [long term](#) solution to keeping sand on our most exposed and vulnerable beaches.
- Pipelines provide more flexibility in managing our beaches – with multiple intake and discharge locations allowing sand to be picked up where there is an accumulation and delivered to locations most at need across the beach system. We have seen this success with the Glenelg to Kingston Park pipeline, which currently pumps approximately 100,000m<sup>3</sup> of sand each year.
- Another major benefit of the pipeline is reducing the reliance on trucks to move sand, making it safer for the community, as well as reducing noise, congestion and the impact of trucks on roads. The exact location of the pipeline and how it will be built will be determined in the planning and design period starting in 2019-20.



## DEW – The Future of our Coastline Survey [P/N 200805]

M = Multiple Response S = Single Response R = Randomly shuffle order of options

Methodology: Online survey n=400

### Target audience

Adelaide **METRO ONLY** / representative Age / gender

SQ1. In which of the following age ranges do you fall?

- |   |         |    |         |    |         |
|---|---------|----|---------|----|---------|
| 1 | 18 – 24 | 6  | 45 – 49 | 11 | 70 – 74 |
| 2 | 25 – 29 | 7  | 50 – 54 | 12 | 75 – 79 |
| 3 | 30 – 34 | 8  | 55 – 59 | 13 | 80+     |
| 4 | 35 – 39 | 9  | 60 – 64 |    |         |
| 5 | 40 – 44 | 10 | 65 – 69 |    |         |

SQ2. What is your gender?

- 1 Male
- 2 Female
- 3 Non-binary

SQ3. Where do you live?

- 1 Metro Adelaide (postcode)
- 2 Regional SA (Terminate)
- 3 Elsewhere (terminate)

SQ4. Which local government area do you live in?

Adelaide Hills Council  
 City of Adelaide  
 City of Burnside  
 City of Campbelltown  
City of Charles Sturt  
City of Holdfast Bay  
 City of Marion  
 City of Mitcham  
 City of Norwood Payneham & St Peters  
City of Onkaparinga

City of Playford  
City of Port Adelaide Enfield  
 City of Prospect  
 City of Salisbury  
 City of Tea Tree Gully  
 City of Unley  
City of West Torrens  
 Town of Gawler  
 Town of Walkerville



### [IF SQ4=BEACHSIDE COUNCIL]

1. Do you live in a beachside suburb? **S**
  - 1 North of Largs Bay
  - 2 Largs Bay to Semaphore Park
  - 3 West Lakes Shore to Grange
  - 4 Henley Beach to West Beach
  - 5 Glenelg North to Kingston Park
  - 6 South of Kingston Park
  - 7 No, I do not live in a beach side suburb
  
2. Which of the following beaches do you use, if any? **M**
  - 1 Largs North / Largs Bay
  - 2 Semaphore / Semaphore South / Semaphore Park
  - 3 West Lakes Shore
  - 4 Tennyson
  - 5 Grange
  - 6 Henley Beach
  - 7 Henley Beach South
  - 8 West Beach
  - 9 Glenelg North / Glenelg
  - 10 Other beaches
  - 11 **I do not use the beach**

2b. What does the beach mean to you? Why does it matter?

- 1 OPEN

### [IF Q2=1-10]

3. What do you usually use the beach for? **M**
  - 1 Walking
  - 2 Walking dog
  - 3 Leisure / family / friend time
  - 4 Swimming
  - 5 Other exercise
  - 6 Fishing
  - 90 Other (specify)



[IF Q2=1-10]

4. How often do you frequent the beach? **S**
- 1 Daily
  - 2 Weekly / fortnightly
  - 3 Monthly
  - 4 Every few months
  - 5 1-2 times a year
  - 6 Less often than once per year
5. Were you aware that Adelaide's beaches are 'managed'? **M**
- 1 Yes
  - 2 No
6. Do you know what the beaches are managed for? **M**
- 1 OPEN
7. From your knowledge, who is responsible for managing Adelaide's beaches? **M**
- 1 Local Council/ Local Government
  - 2 State Government
  - 3 Residents
  - 4 All beach users
  - 5 Other (specify)

< Page Break >



## Sand Movement

The state government manages the metropolitan coastline for the community to enjoy sandy beaches and to protect the foreshore from storms. Some of Adelaide's southern and central beaches are experiencing significant sand loss and erosion as sand naturally moves north from wind and wave activity (see image below).

Show Image (large)



8. Were you aware before now, of this naturally occurring process of sand movement and erosion? **M**
- 1 Yes
  - 2 No

Part of the Government's strategy to manage erosion is to move sand each year from northern beaches where it builds up to other beaches where erosion is occurring. Without doing this, some of our favourite beaches would erode to rock and clay. Sand is a finite resource – it needs to be managed and shared equitably along our coastline so residents and visitors can all enjoy Adelaide's stunning coastline now and into the future.

9. Were you aware before now, that Adelaide's beaches are managed to keep our beaches sandy and manage erosion? **M**
- 1 Yes
  - 2 No
10. At an overall level, how much do you agree or disagree with this management strategy of moving sand from the northern to the southern beaches? **S**
- 1 Strongly agree
  - 2 Agree
  - 3 Neither
  - 4 Disagree
  - 5 Strongly disagree
  - 9 Don't know





11. Why do you say that?

- 1 OPEN

< Page Break >

Currently, sand is moved from north to south using trucks from Semaphore to West Beach and a purpose-built underground pipeline from Glenelg to Kingston Park. This moves the sand that has naturally built up on beaches such as Glenelg and Semaphore to beaches where sand is eroding.

12. Before now, had you heard of sand movement via trucks or pipelines? M

- 1 Yes
- 2 No

13. Are you aware or have you seen any of these sand movement activities? M

- 1 Trucks moving sand along the beaches
- 2 Pipelines being built or used
- 9 No, have not seen any sand movement

As an example, West Beach and Henley Beach South are eroding. A measure to replenish these beaches is to **move sand from Semaphore to these eroding southern beaches**. Currently this is done by trucking sand along the beaches and road, however an underground pipeline will be built from Semaphore to West Beach to replace this current method. See illustration below.



## Pipelines

Pipelines provide more flexibility in managing our beaches, with multiple intake and discharge locations allowing sand to be picked up where it builds up and delivered to locations most at need.

Another major benefit of pipelines is reducing the use of trucks for moving sand, making it safer for the community, as well as reducing noise, congestion and the impact of trucks on roads.

### Securing the future of our coastline

The South Australian Government has committed \$48.4 million to: Construct a sand recycling pipeline from Semaphore to West Beach to move sand from beaches where it builds up.

- Deliver a large quantity of sand (500,000 cubic metres) to West Beach from outside of Adelaide's beach system to make up for losses that have occurred since the late 1990s.
- Restore sand dunes using best practice techniques and native plants in partnership with local councils and coastal community groups.
- Undertake additional replenishment of West Beach while the pipeline is constructed, by moving sand (by truck) from Semaphore to West Beach.

14. At an overall level, do you support the South Australian Government's 'Securing the future of our Coastline' project based on the facts above? S

- 1 Strongly support
- 2 Support
- 3 Neither
- 4 Oppose
- 5 Strongly oppose
- 9 Don't know

15. Do you support or oppose the construction of the sand recycling pipeline to manage our beaches? S

- 1 Strongly support
- 2 Support
- 3 Neither
- 4 Oppose
- 5 Strongly oppose
- 9 Don't know



16. How important is it that you are informed about projects such as these? 5

- 1 Extremely important
- 2 Important
- 3 Neither
- 4 Not very important
- 5 Not important at all
- 9 Don't know

17. What is the most important information about this project that should be shared with the community? M

- 1 When the pipeline will be constructed / length of construction time
- 2 Any impacts around beach access to the public
- 3 Cost of the project
- 4 Facts that support the project to help educate people
- 5 Environmental impacts
- 6 Other specify

18. Is there anything else you would want to know about this coastline management strategy or activities?

- 1 OPEN

19. Do you have any final comments?

- 1 OPEN



Now just a few short questions to help with our analysis.

20. Which of the following best describes your household composition?

- 1 Young person living alone / in a shared household
- 2 Young couple living together
- 3 Young family with youngest child not yet at school
- 4 Young family, with youngest child, primary school aged
- 5 Middle family, with youngest child, high school aged
- 6 Middle family, with child living at home high school aged or older
- 7 Mature family, with any children living at home older than high school age
- 8 Mature couple
- 9 Mature single
- 10 Mature person living in a shared household
- 11 Mature person living in other family's home
- 90 Other specify

21. What is your employment status?

- 1 Work full-time
- 2 Work part-time
- 3 Home duties
- 4 Unemployed
- 5 Retired
- 6 Student
- 7 Pension
- 8 Disability support
- 90 Other

## **Square Holes**

Jason Dunstone [Managing Director] | [jason@squareholes.com](mailto:jason@squareholes.com)

Linley Bertram [Project Director] | [linley@squareholes.com](mailto:linley@squareholes.com)

Square Holes Pty Ltd

8-10 Regent Street Nth, Adelaide 5000

[www.squareholes.com](http://www.squareholes.com)

1800 038 257

Job No.: 200805

Proposal No.: 20063

**square holes**<sup>®</sup>