

JANUARY 2020

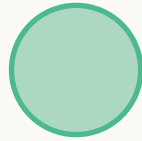
Adelaide to Sydney

SAND BYPASS + TRANSFER SYSTEMS

South Australia

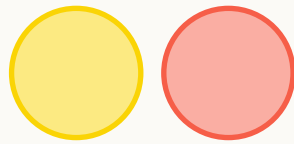
MURRAY MOUTH

1,000,000



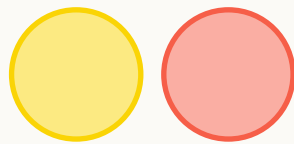
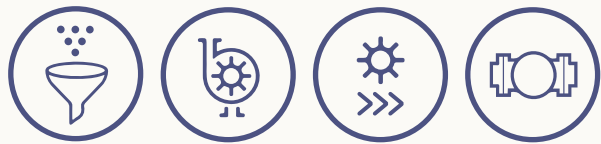
SEMAPHORE - WEST BEACH (ADELAIDE)

100,000



GLENELG - KINGSTON PARK (ADELAIDE)

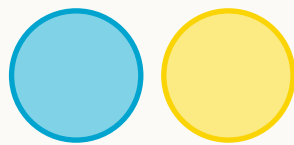
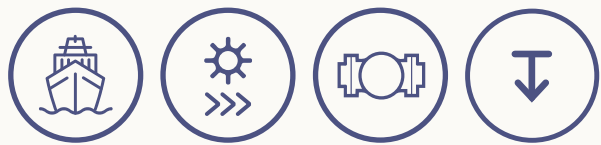
100,000



Victoria

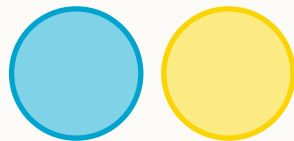
PORTLAND

50,000



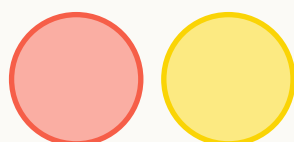
PORT FAIRY (MOYNE RIVER)

13,000



MARENGO AND APOLLO BAY

16,000



MELBOURNE (PORT PHILLIP BAY)

- QUEENSCLIFF

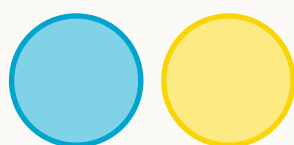
88,000

- PATTERSON RIVER

55,000

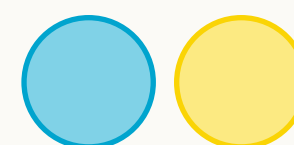
- OTHER (x9)

32,000



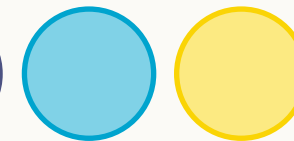
LAKES ENTRANCE - BAR²

200,000



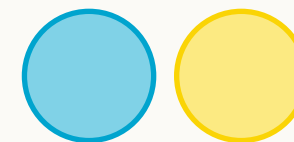
LAKES ENTRANCE - INNER CHANNELS

150,000



MALLACOOTA (BASTION POINT)

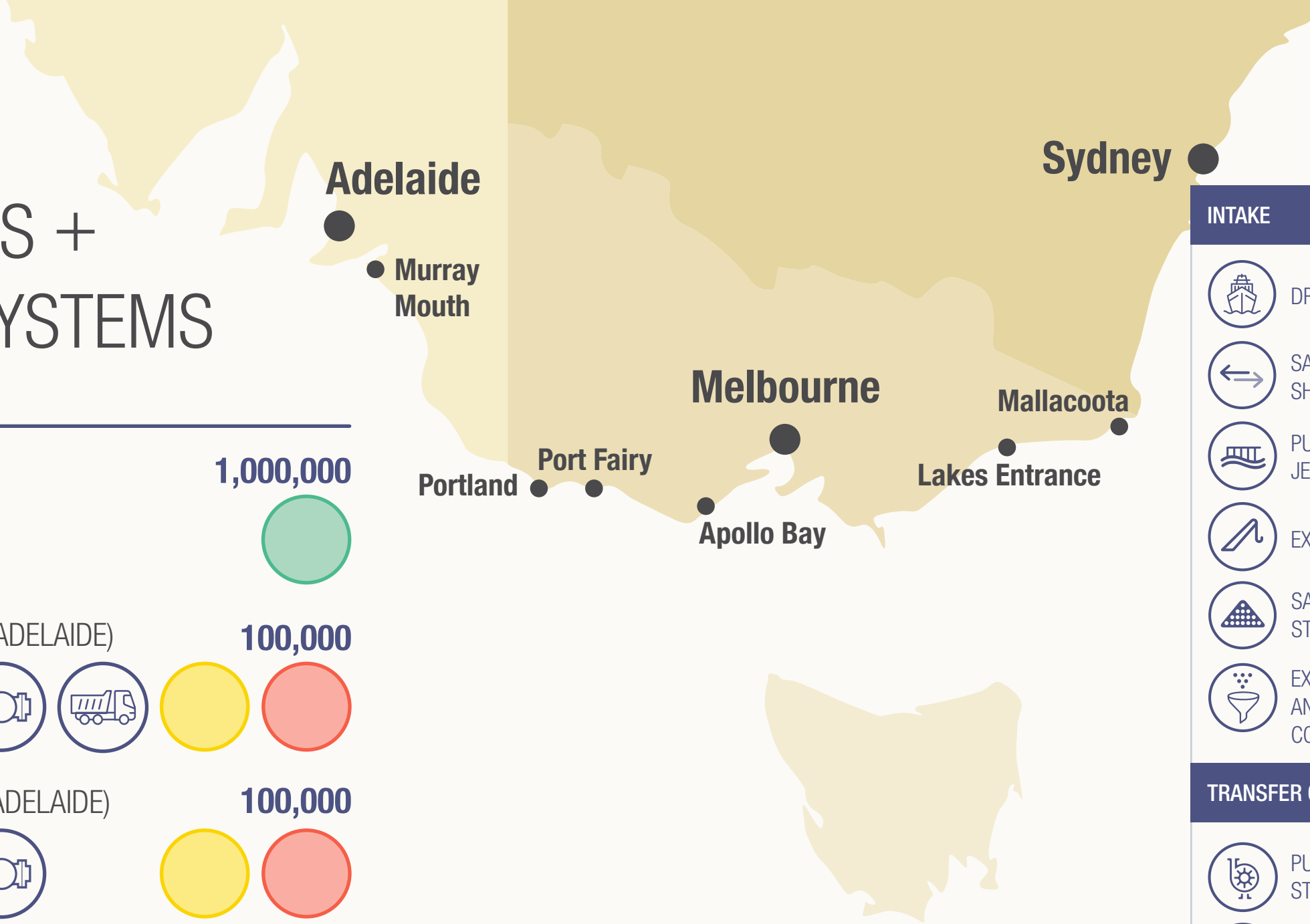
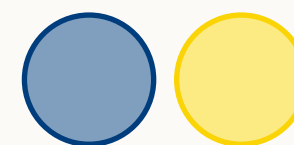
10,000



New South Wales

SYDNEY (NARRABEEN-COLLAROY)¹

45,000



INTAKE

- DREDGE
- SAND SHIFTER
- PUMPING JETTY
- EXCAVATOR
- SAND STOCKPILE
- EXCAVATOR AND SAND COLLECTION UNIT

TRANSFER COMPONENTS

- PUMP STATION
- PIPELINE
- BOOSTER PUMP
- TRUCK
- UNDER CHANNEL PIPELINE

OBJECTIVE

- BEACH NOURISHMENT
- COASTAL/ASSET PROTECTION
- BOATING ACCESS
- FLOOD MITIGATION
- ENVIRONMENTAL

Sand volume = m³ / yr

1. Last done in 2018 and 2016 but typically every four years

2. Sand is placed just behind surf zone 2km either side of entrance to nourish adjacent beaches