

## The Maritime Road Map – Why is it needed?

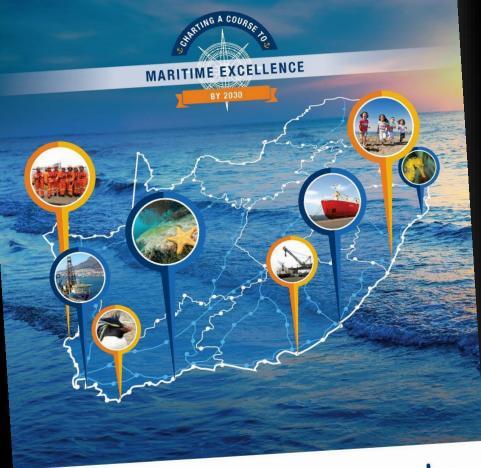
#### SA has 3 924 km of coastline

SA has a "sea-land" area that is three times bigger than its land size A large percentage of South Africa's population lives on the coast SA is positioned on a major shipping route SA has eight commercial ports and 44 non-commercial harbours

However, despite all of this,

"South Africans generally do not recognise their country as a maritime nation"

A RESEARCH, INNOVATION AND KNOWLEDGE MANAGEMENT ROAD MAP FOR THE SOUTH AFRICAN MARITIME SECTOR



# The Maritime Road Map

The specific mission supported by this Road Map is: "Unlocking South Africa's maritime potential through research, development and innovation"

The mission supports the following overarching vision: **"By 2030 South Africa is globally recognised as a maritime nation"** 

#### **Objectives**

We have a maritime culture and recognise and learn from our maritime history We have an enabling governance framework for the maritime sector We have an efficient system of

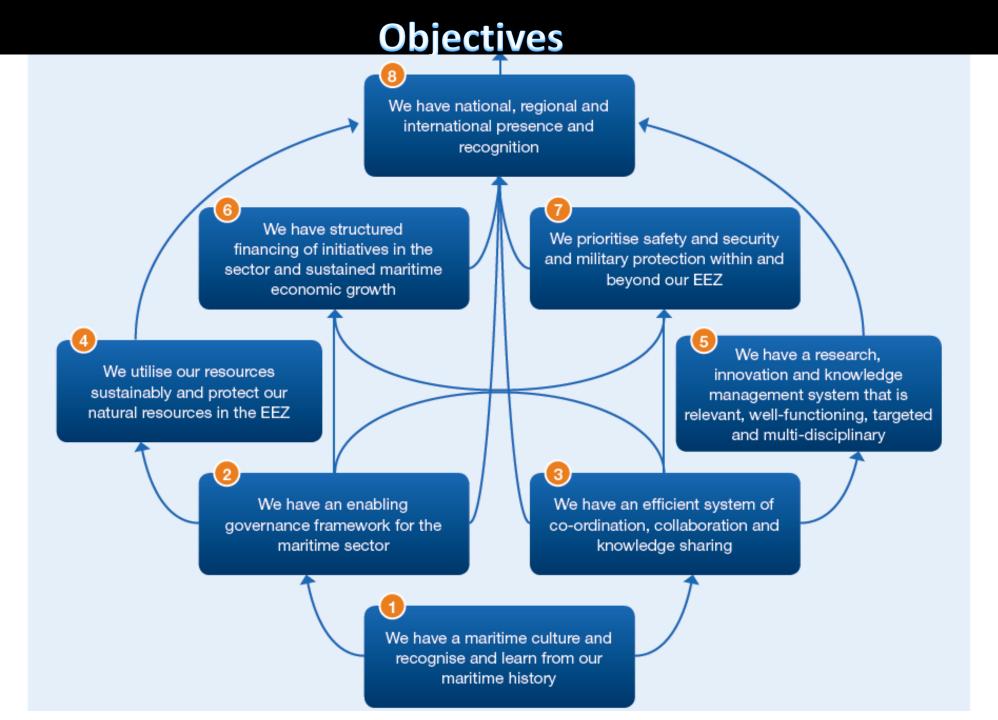
We utilise our resources sustainably and protect our natural resources in the EEZ

We have a research, innovation and knowledge management system that is relevant, well-functioning, targeted and multi-disciplinary

We have structured financing of initiatives in the sector and sustained maritime economic growth We prioritise safety and security and military protection within and beyond our EEZ

We have national, regional and international presence and recognition

We have an efficient system of co-ordination, collaboration and knowledge sharing



We have a maritime culture and recognise and learn from our maritime history

Foster national maritime pride

3

(2)

Develop and communicate a co-authored discourse on South Africa's maritime history

Support maritime historical and archaeological research, training and facilities

We have an enabling governance framework for the maritime sector

Develop an appropriate governance system that supports the ethos of this priority

 $\left( 6 \right)$ 

Conduct research on governance, management and implementation Strengthen relations with African and other countries regarding maritime matters

4

Conduct research on institutional reforms that need to be implemented

Conduct research to establish the need for new policies and legislation Conduct research on the alignment and coordination of legislation and policies

Conduct research to establish how policies and legislation need to be reviewed

3

We have an efficient system of coordination, collaboration and knowledge sharing

Reduce "Red tape"

Strengthen networks between schools, HEIs and industry

Create a co-ordinating body

Promote collaboration in the maritime sector with a focus on education and training

Create funding mechanisms to foster collaboration and knowledge-sharing

We utilise our resources sustainably and protect our natural resources in the EEZ

Reduce levels of pollution at sea

Conduct research to conserve marine resources

We have a research, innovation and knowledge management system that is relevant, well-functioning, targeted and multi-disciplinary

Support and develop maritime-focused technology and innovation

Fund, promote and develop maritimefocused R&D

ĺΛ

໌ຊ

7

Conduct humanities and social science research on pertinent issues Build and retain skills in the maritime sector

Maintain a balance between academic qualifications and practical experience Create knowledge management and research institutions

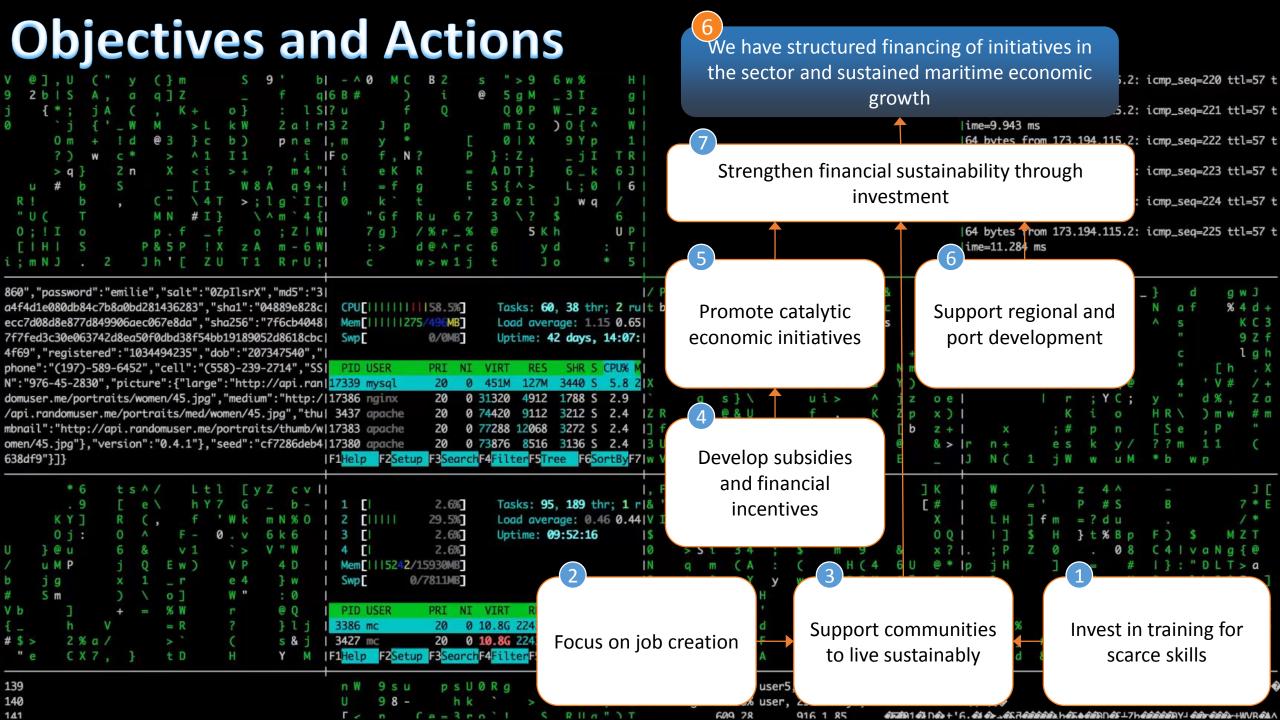
Develop world-class

education

and training facilities

6

5



We prioritise safety and security and military protection within and beyond our EEZ

3

Capitalise on innovative opportunities for collaboration with other African countries

Maintain safety and security standards

Invest in training in safety and security

Enhance technologies and conduct research to promote safety and security

We have national, regional and international presence and recognition

Improve SA's international presence and recognition as a maritime nation

ິ

Improve SA's regional presence and recognition as a maritime nation

Improve SA's national presence and recognition as a maritime nation