

# SINGAPORE R&D ROADMAP 2030

## MARITIME TRANSFORMATION

The Singapore Maritime Research & Development (R&D) Roadmap identifies opportunity areas to deepen and build new capabilities, to sharpen and sustain Maritime Singapore's long-term competitiveness.



SCAN TO READ MORE!

<https://www.maritimeinstitute.sg/Roadmap2030/>



THRUST

1



### Efficient & Intelligent World Class Next Generation Port

We aspire for Singapore to be the most efficient smart port of the world.

THRUST

2



### Strategic Sea Space & Maritime Traffic Management

We aspire for Singapore to be the centre of excellence for sea traffic management.

THRUST

3



### Smart Fleet Operations & Autonomous Vessels

We aspire for Singapore to be the leading hub for smart fleet operations and Maritime Autonomous Surface Ships (MASS) technologies.

THRUST

4



### Effective Maritime Safety & Security

We aspire for Singapore to be a safe and resilient hub port and international maritime centre.

THRUST

5



### Sustainable Maritime Environment & Energy

We aspire for Singapore to be the centre of excellence for future energy and environmental solutions.