



# MNF 2030

A 10-year strategy for the Marine National Facility to guide the use of Australia's dedicated blue-water research capabilities

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The Marine National Facility is owned and operated by CSIRO on behalf of the nation





# MNF Access Framework

## Review:

- May 2018: Federal Budget
- Dec 2018: MNF commissioned an independent review
- Extensive stakeholders consultation
- May 2019: Dr Bruce Mapstone delivered his recommendations



## MNF Access Framework

## Recommendations:

- Greater focus on delivering impact
- Clearly articulate merit criteria
- Build flexibility into schedule development
- Provide specific opportunities for technology development
- Clarify role in education and training



## Our Response: MNF 2030

**OUR MISSION:** We facilitate safe, efficient and excellent ocean and atmospheric research that is well aligned with national priorities and addresses Australia's grand challenges for society, the economy and the environment



MNF Operations Rolling Plan

Maximum Impact

Broad Access

Streamlined Operations and Optimal Use

Advanced Capabilities & Innovation

Training Future Generations

Connecting with Australians

Protecting our People and the Environment



**Marine**  
National Facility

## Our Mission

**We facilitate safe, efficient and excellent marine and atmospheric research aligned with national priorities and addressing Australia's grand challenges for society, the economy and the environment.**





# Our Foundation: Protecting our people and the environment

MNF has an excellent safety record and best-practice environmental impact mitigation measures.





# Pillar 1: Maximum impact

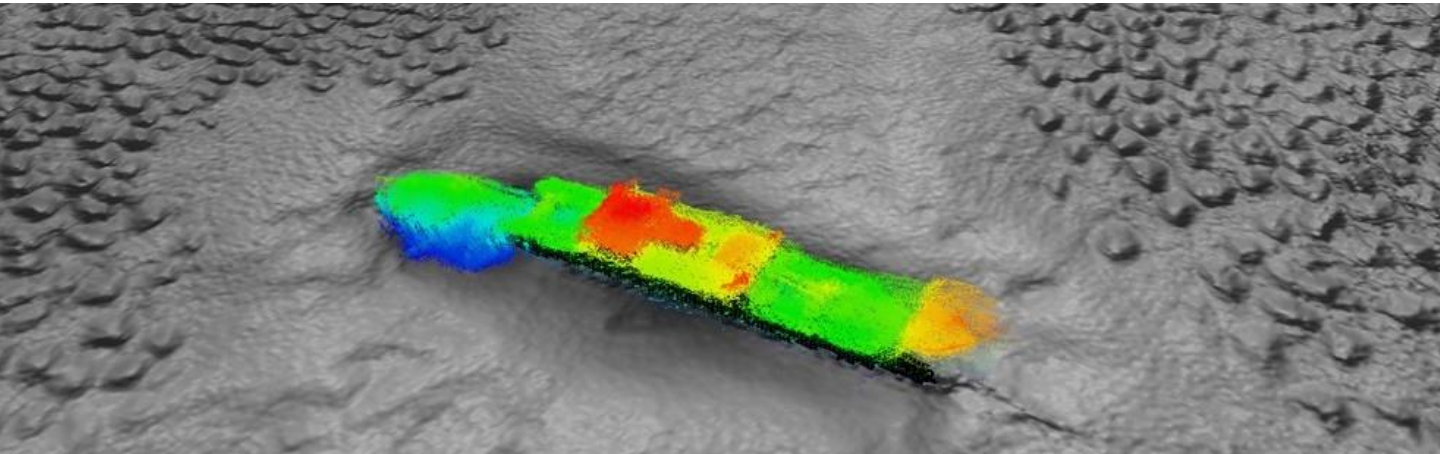
Expanding From...

...To Opportunities For

Researcher-driven impact



priority-focused impact driven by collaborative engagement with government, industry and research





# Pillar 2: Broad access

Expanding From...

...To Opportunities For

Focus on core marine science disciplines



broadening access to meet Australia's research and innovation needs







## Pillar 2: Broad access

## Key Action 2.1

Stream 1: Policy-driven research

Stream 2: Discipline-driven proposals

Stream 3: Strategic Partnerships

Stream 4: Technology and Innovation Proposals

Stream 5: User-funded research



# Pillar 3: Streamlined operations & optimal use

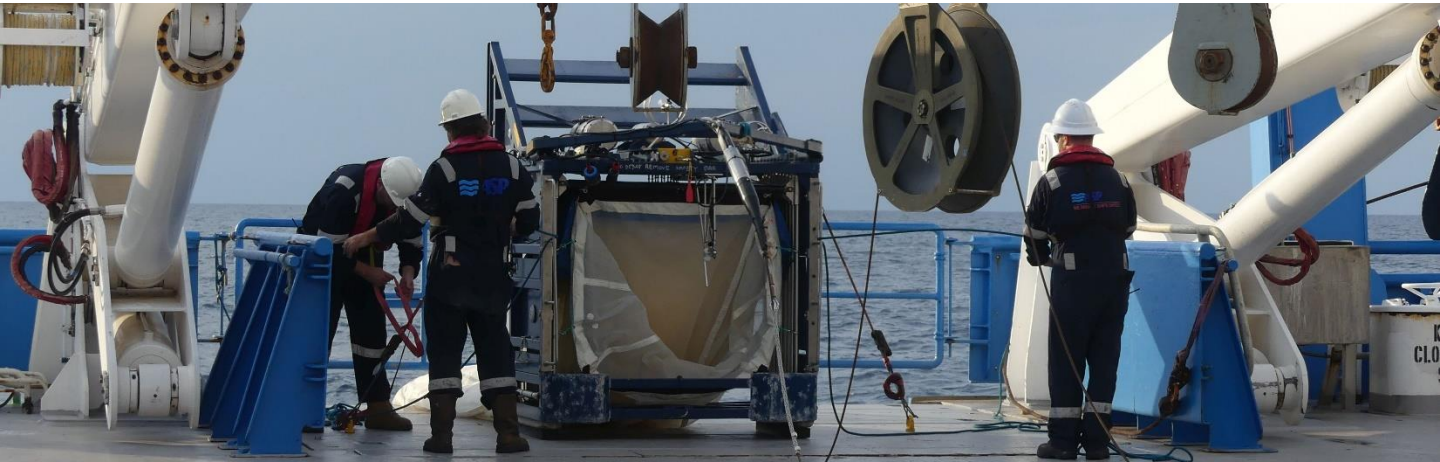
Expanding From...

Rigid 12-month schedules



...To Opportunities For

flexible schedules that optimise resources





# Pillar 4: Advanced capabilities & innovation

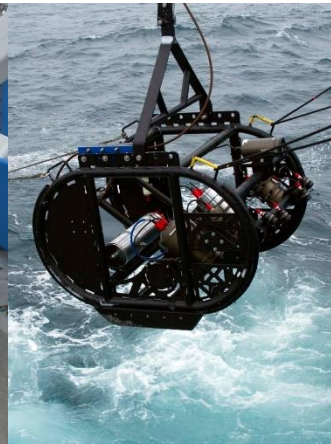
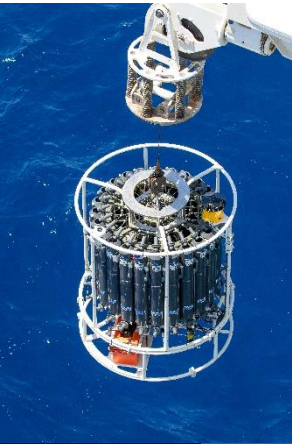
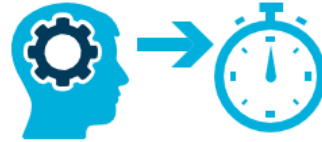
Expanding From...

Inward-focused short-term capital replacement plan



...To Opportunities For

outward-focused long-term strategy for investment to enhance capabilities





# Pillar 5: Training future generations

Expanding From...

Ad-hoc and opportunistic support of training activities



...To Opportunities For

pro-active pursuit of programs to develop the next generation of marine researchers and technicians





# Pillar 6: Connecting with Australians & the world

Expanding From...

...To Opportunities For

Profiling our capabilities  
and the research we  
deliver

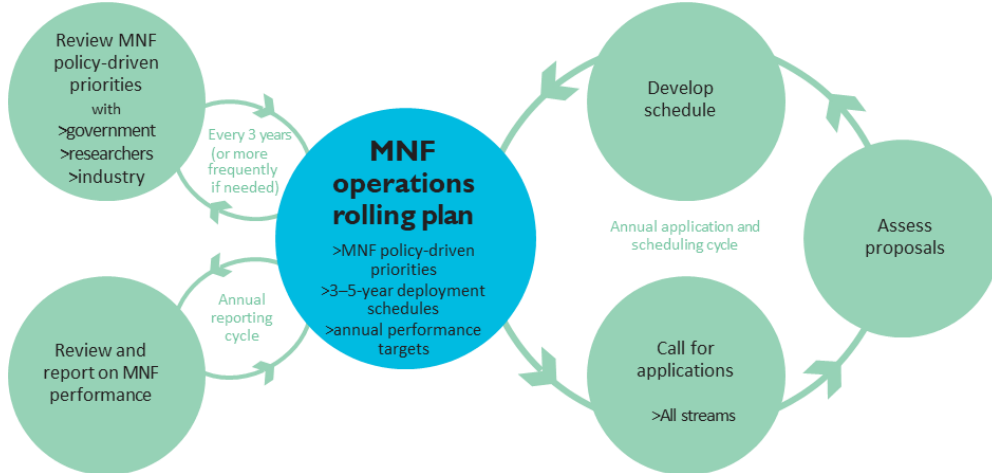


focused effort to tell the story of the impact we make  
possible





# Delivering MNF 2030





# MNF 2030 Targets

	By 2025	By 2030
Safety	Continuous improvement, evidenced and reported against annual KPIs, in the health, safety and environmental performance of MNF operations	MNF recognised as a global leader in marine research for its safety and environmental performance record
Impact	At least 40% of sea-time schedule allocated to projects that directly support the MNF policy-driven priorities	Research enabled by the MNF has demonstrably delivered economic, environmental and social benefits
Access	All streams accessed by Australian marine sector users and allocated sea time	Research demonstrably delivered outcomes in each stream
Operation	300 days of science operations delivered every year (or equivalent proportion to reflect any change in funding)	Nationally integrated approach results in optimal use of national marine research infrastructure
Capabilities	Roadmap, funding model and partnerships established for construction of Australia's first deep-water remotely operated vehicle	Design of new green replacement vessel commenced and funding secured for build to start in 2035
Training	Dedicated education and training berths delivered each schedule	MNF education and training opportunities are program of choice among marine STEM students
Connecting	Annual sentiment survey with MNF demonstrates annual increase in awareness and positive perceptions	We are trusted as the national science agency and have a reputation for world-class blue-water research  High awareness and positive perceptions with MNF key audiences

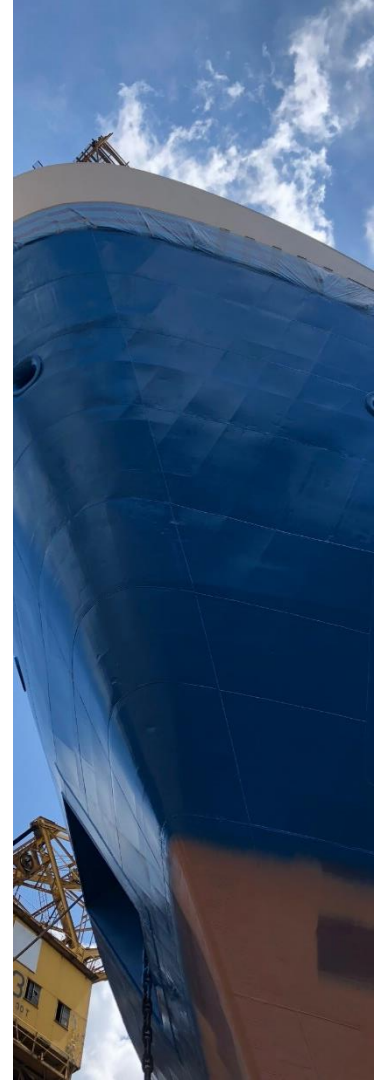




# We are also going digital!!

## Marine Applications and Planning System

- Online applications
- Chief Scientists and Participants Portals
- Voyage Planning
- Equipment Inventory
- Linked to AusSeabed
  - Existing data
  - National Priorities





# Thank you

**NOTE:** *MNF 2030* will be published in late 2020 on the MNF website, together with details of communication activities aimed at explaining the strategy and associated changes.

For early notifications of MNF news, webinars and workshops, subscribe to <https://mnf.csiro.au/en/About/Subscribe>

**Marine National Facility**

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