

# CAPABILITY STATEMENT

## DECOMMISSIONING AND RECYCLING

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# Overview

**Birdon is a market leader in the deconstruction and recycling of maritime and subsea assets and infrastructure.**

As an Australian owned company with bases throughout the country, Birdon specialises in providing safe, practical, and affordable solutions for customers in the defence, energy, and mining sectors.

Over the last 40 years, Birdon has established a network of local recycled material end users to ensure a net environmental benefit while also supporting local industry and employment. With an experienced team of in-house experts, Birdon has delivered some of the most complex decommissioning and recycling projects in Australia and consistently achieved over 97% recycling rates.

Whatever your challenge, Birdon has the capability and experience to Make it Happen.

# 97%

## recycling rate

Birdon diverts over 97% of material from our disposal projects from landfill.

### 01 Asset Mapping

Identify all hazardous materials to be disposed, components to be re-used or repurposed and materials to be recycled

### 02 Hazardous Material Handling (HAZMAT)

Non-recyclable materials, especially hazardous ones, are carefully managed and handled according to environmental standards.

### 03 Repurposing or reselling assets

Whenever possible, we explore options to repurpose or resell entire assets.

### 04 Component Reuse or Resell

Components with reusable value are identified for resale or reuse in other projects.

### 05 Material Separation and Recycling

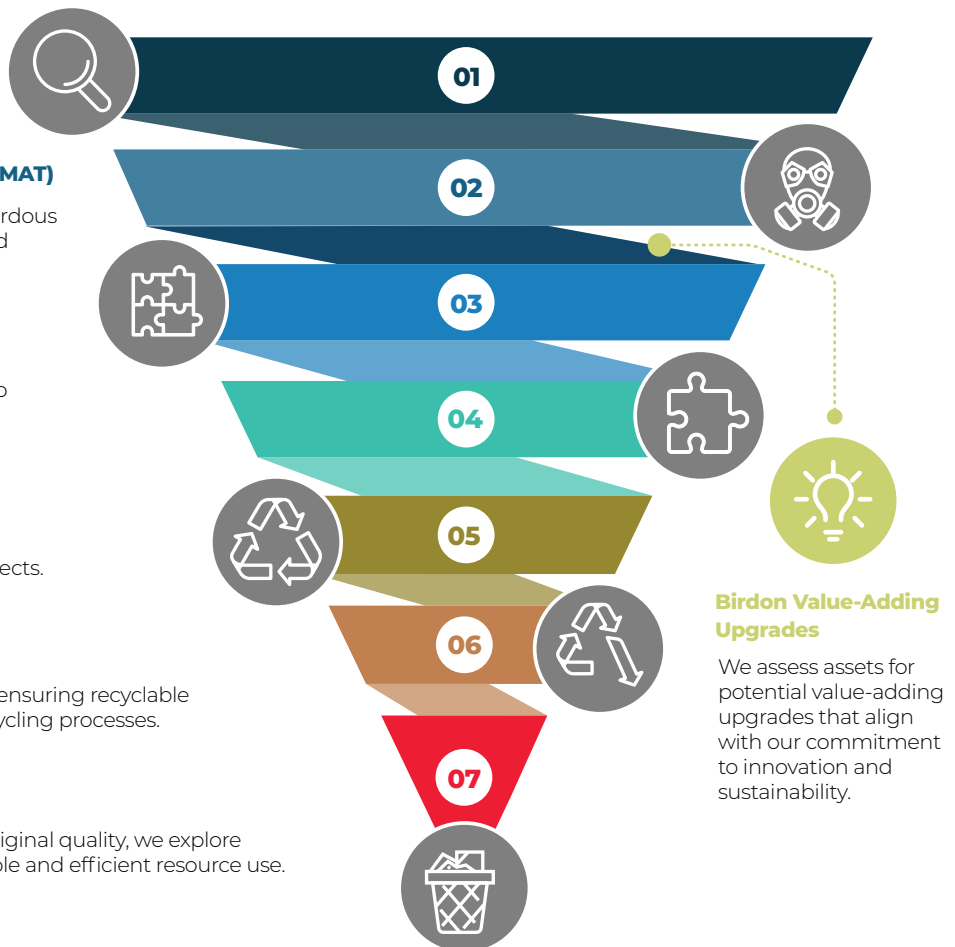
The separation of materials is a key step, ensuring recyclable materials are directed to appropriate recycling processes.

### 06 Downcycling Material

For materials that may not retain their original quality, we explore downcycling options, ensuring responsible and efficient resource use.

### 07 Landfill Minimisation

Our commitment to sustainability extends to minimising landfill usage, with less than 3% of decommissioned materials directed to landfills.



# Company Profile

**Birdon is an Australian-based manufacturer and prime contractor that takes pride in offering flexible, comprehensive solutions to multinational customers in the defence, government, marine, energy, and resource sectors. With a focus on sustainability and enduring relationships, Birdon is committed to providing end to end services that meet the diverse needs of its customers.**

Founded in 1977, Birdon is an Australian-owned and operated company, headquartered in regional New South Wales, operating nationally and across the globe.

Our business offers a range of integrated services encompassing the entire lifecycle of maritime assets and infrastructure.

Our expertise lies in providing solutions for the design, manufacture, operation, maintenance, and disposal of such assets.

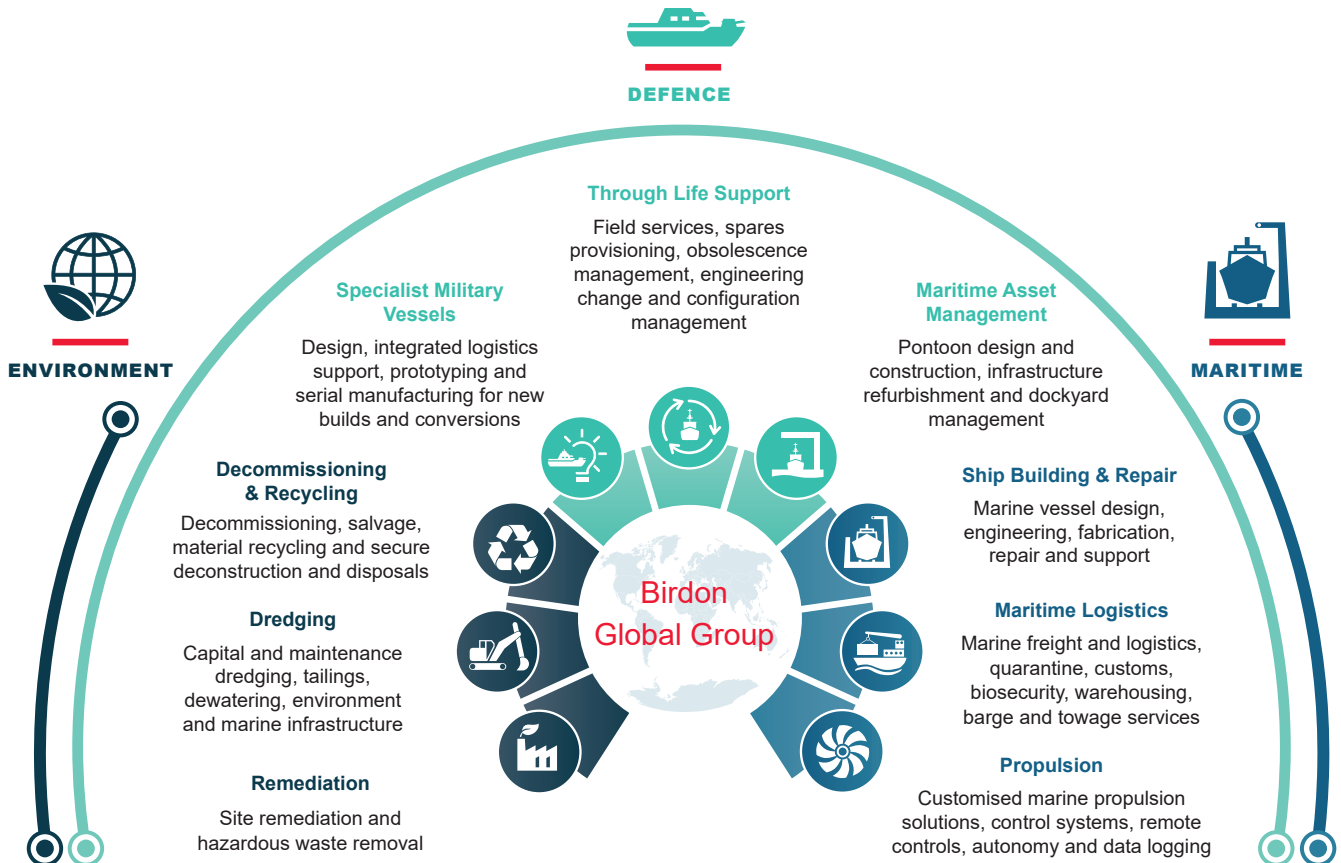
Our Environmental Division specialises in the deconstruction and recycling of defence and commercial assets, decommissioned subsea infrastructure, and the maintenance of major ports and marine facilities through dredging operations. Our focus is to provide whole of life solutions while operating with the highest standards of safety and environmental stewardship.

## \$3billion

### current pipeline

Birdon's current pipeline of work is worth approximately \$3billion (AUD).

## Birdon Integrated Services



**CREATING CERTAINTY FOR OUR CUSTOMERS BY  
Engineering and Delivering the Right Maritime Solutions**

# Locations



## Birdon strategic bases in Australia

DAMPIER (WA)



HENDERSON (WA)



PORT MACQUARIE (NSW)



**600+**

### employees

We have over 600 employees executing projects around the globe using our advanced 'Digital Shipyard' systems'.

# Health, Safety, Environment & Quality

Through our certified Integrated Management Systems, Birdon produces high quality, dependable and compliant services. Birdon is DNV-GL certified to the following Australian Standards:

- ISO 9001:2015 Quality Management Systems
- ISO 45001:2018 Safety Management Systems
- ISO 14001:2015 Environmental Management Systems



# Capability and Experience

## Birdon's decommissioning and recycling projects range from small infrastructure such as Buoy's and Mid Water Arches through to ex-Naval Guided Missile Destroyers.

These marine assets include vessels, dredges, barges, jack-up platforms, and offshore oil and gas assets. Birdon also provides secure disposal of non-marine assets, ranging in size and complexity from small ordnates to to fighter jets.

### Experience and Process

With decades of decommissioning and recycling experience, our team is equipped to offer clients unparalleled access to some of Australia's most seasoned disposal and demolition project managers, supervisors, naval architects, operations managers, and demolition trades.

Our experts work closely with clients to deliver targeted solutions that are aligned with project objectives, whether through discrete services or fully-integrated turnkey solutions.

With an experienced and hands-on management team at the helm, we have a proven track record in delivering the most complex projects safely and on time. We take pride in collaborating with our customers to develop the most appropriate process to achieve the desired outcome, providing transparency and full traceability of secondary raw material end use and location to ensure a clear and transparent process.

At Birdon, we're committed to delivering the highest standards of safety, quality, and environmental stewardship. Our team is dedicated to ensuring that each project is executed with precision

and efficiency, utilising our vast experience and expertise to provide ovide optimal results for our clients.

### Compliance and Traceability

Establishing an advanced, integrated and demolition-specific Health, Safety and Environmental and Quality (HSEQ) management system means we are triple certified to ISO 9001:2015, ISO 45001:2018, ISO 14001:2015.

We ensure full regulatory compliance and asset tracking is maintained throughout the process. Certificates of Destruction are provided on completion, including photographic evidence of the disposal and remediation where required.

### Our clients





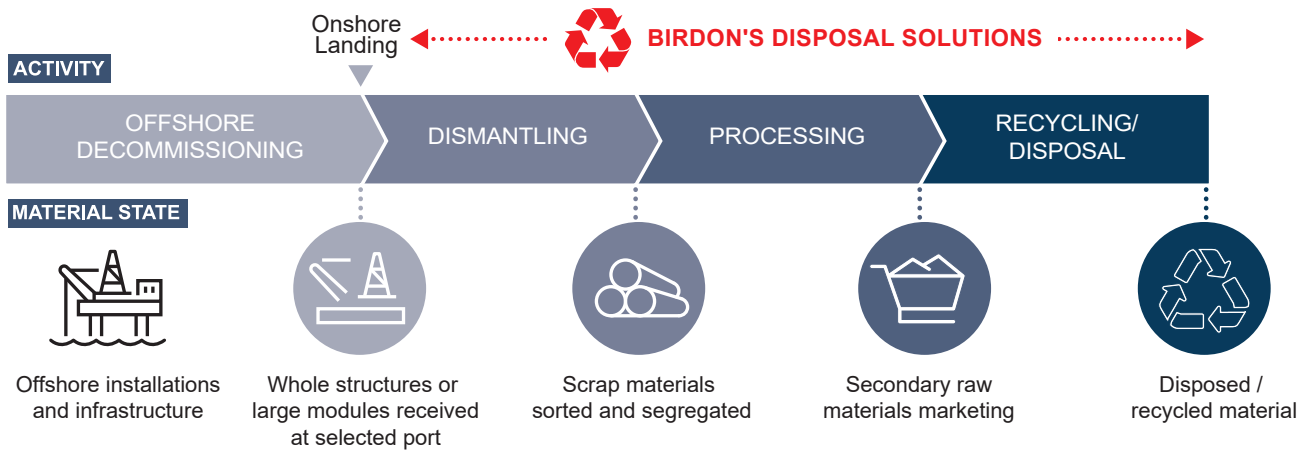
DOF Subsea Mid Water Arches (MWA), Dampier, WA



Ex-HMAS Sirius, Henderson, WA



# Capability and Experience



**Birdon offers the complete disposal service, including salvage, transport, processing, and recycling of all grades of metals, plastics and other non-metallic items, including hazardous material disposal.**

We are able to offer the following integrated services for your Decommissioning and Recycling projects:

- Project Management
- Engineering
- Heavy Lifts
- Marine and shipping
- Disposal of Hazmat
- Hydrocarbon decontamination
- Marine growth removal
- Recycling ferrous and non-ferrous metals and plastics

## BIRDON ADVANTAGES



**World-class processes**

*Secure deconstruction and recycling process with full traceability*



**Social and environmental conscience**

*Net environmental benefit while supporting local industry and employment*



**Robust, integrated company**

*Extensive experience in engineering, disposals, remote logistics and environmental remediation*



**Experienced, mobile workforce**

*Flexible, experienced team equipped to work in remote locations*

**birdon.com.au**



**AUSTRALIA | USA | UK | EUROPE | ASIA**

## **Decommissioning and Recycling**

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