



# IMPLEMENTATION PLAN

# The Dinosaur Coast

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**NATIONAL HERITAGE MANAGEMENT PLAN 2025**  
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The vision for the Dinosaur Coast National Heritage Management Plan 2025 is

## **TO UNDERSTAND, PROTECT AND PROMOTE THE DINOSAUR COAST AND CREATE OPPORTUNITIES FOR THE BROOME COMMUNITY**

There are seven objectives/purpose statements that identify the key areas to focus on. These are then supported by strategies and achievable actions.



**Objective 1: To increase understanding and awareness of the Dinosaur Coast and its National Heritage values**



### **STRATEGY: SUPPORT EDUCATION AND FACILITATE RESEARCH**

#### **Provide**

- Spatial data sets into Joint Management Partner (JMP) GIS systems where capacity exists

#### **Continue to**

- Map tracks and trackways using multiple methodologies including ground, aerial laser scanning and remote sensing technologies
- Strengthen community and educational links through guided museum tours, in-school visits and excursions
- Strengthen partnership and facilitate educational opportunities with the Broome Historical Society and Museum through the Museum Masterplan

#### **Establish**

- UQ Dinosaur Lab research residency in Broome
- Condition-monitoring project: involve Yawuru rangers, Country managers and citizen scientists
- Protocols for commemorative plaque and/or other methods of identifying sites
- Protocols/code of conduct for public and tourism operators and disseminate through Dinosaur Coast Management Group (DCMG), tourism websites and apps

#### **Develop**

- Key National Heritage Value interpretive messages
- A citizen science program with a focus on mapping, monitoring, interpretation, and research
- A 'live' shared spatial database and monitoring system to adaptively manage identified features relevant to the National Heritage listing
- A 'myth busters' page on the DCMG website to counter misconceptions and the circulation of false information
- Investigate establishing an interpretive centre and palaeontology research facility

#### **Encourage**

- Further Anthropological research/recognition of cultural values associated with ichnofossils



## Objective 2: To conserve and protect the National Heritage Values of the Dinosaur Coast with best-practice adaptive management



### **STRATEGY: INCORPORATE CONSERVATION AND MANAGEMENT POLICY FOR NHVS INTO EXISTING JOINT MANAGEMENT FRAMEWORKS**

#### **Maintain**

- The current DCNHMP Steering Group as a Dinosaur Coast Management Reference Group (DCMRG) with DBCA as Chair, meet annually to oversee progress and implementation of the DCNHMP

#### **Rectify**

- Anomalies between written description and spatial data of the National Heritage list (NHL) gazettal boundary

#### **Incorporate**

- Paleontological and geological values management into Yawuru CMP, Yawuru parks management plans and programs and relevant Kimberley Ports Authority (KPA) management plans
- Strategies/actions from the DCNHMP into Yawuru Conservation Estate CMP, Joint MPs and relevant KPA management plans where appropriate
- Dinosaur Coast NHVs and Environmental Protection and Biodiversity Conservation (EPBC) Act obligations into the induction of new KPA staff
- NHV Values management in strategies for the protection of other values (eg: biodiversity monitoring and protection, visitor management and coastal development assessment)

## Objective 3: To monitor and manage the impacts of coastal erosion and other environmental processes



### **STRATEGY: RECOGNISE AND MANAGE NATURAL ENVIRONMENTAL IMPACTS**

#### **Establish**

- A baseline for condition monitoring of fossilised tracks and trackways
- Policies for mapping and monitoring new exposures

#### **Increase Awareness**

- Of environmental impact factors through the education of conservation managers and the public
- That a 'stays on country' approach to fossils affected by natural processes should be adhered to

## Objective 4: To manage the impacts of the expansion of Broome and associated coastal development and infrastructure



### **STRATEGY: INCLUDE NHV MANAGEMENT IN PLANNING AND DEVELOPMENT ASSESSMENT PROCESSES**

#### **Incorporate**

- Triggers into Shire and State Government development assessment processes using GIS so that determinations can include advice notes on their obligations under the EPBC Act
- Education of the Dinosaur Coast NHVs and EPBC Act obligations in an annual information session for Shire and State Government development assessment officers. Encourage application of the precautionary principle when determining whether to refer an action to the Federal Minister

#### **Update**

- Boundary and place description of Shire Municipal Inventory of Heritage Places (#73 Class A) to align with the DCNHMP boundary
- Links to the NHL database Item 106063 in the WA State Register of Heritage Places Local Heritage Item 26353 and the WA Department of Mines Industry Regulation and Safety (MIRS) Geosite No 44
- The boundary of State Register of Heritage Places Local Heritage Item 26353

#### **Assess/Reassess**

- Geoheritage site boundaries for the (MIRS) Geosite No 44 in context of DCNHMP data
- Potential for Geoheritage Reserve (State C Class Reserve) status for MIRS Geosite No 44
- The State Heritage listing nomination undertaken in 2019

## Objective 5: To manage increasing visitor interest in the tracks and growing numbers of visitors



### **STRATEGY: IMPLEMENT A MULTI-FACETED APPROACH TO VISITOR MANAGEMENT COMBINING EDUCATION AND ENFORCEMENT**

#### **Create Awareness**

- By ensuring 'West Kimberley National Heritage Area' visual cues are displayed at beach access points
- Through interpretive signage at strategic locations, potential QR links to Dinosaur Coast app to make NHVs visible to the public
- By including Dinosaur Coast NHV education in Yawuru ranger and Country manager training/induction and train NHV specialised part ranger(s) to supervise inductions

#### **Enforce Regulations**

- Through patrols and the Off-Road Vehicle Prohibited Areas: Cable Beach Foreshore, Cable Beach South and Entrance Point

### **STRATEGY: MANAGE ACCESS WHILE PROTECTING THE IDENTIFIED AREAS OF NATIONAL HERITAGE VALUE**

#### **Manage**

- Vehicle access through areas of NHV by education and traffic management
- Weddings by developing a 'Dinosaur Track Etiquette' available on the DCMG website and future DCNHMP portal and include 'How to protect the NHVs' information sheets for organisers as part of the public places permit system
- Events, tourism and trading by incorporating spatial data and NHV management protocols into the Shire's policies
- Impacts on NHVs by vehicles to Cable Beach Foreshore and Cable Beach South (resident/tourism pressures)

#### **Investigate**

- Options for directing vehicles away from NHVs at Cable Beach Foreshore, Cable Beach South, Entrance Point and Roebuck Bay
- Fencing pathways/other mechanisms to limit foot traffic (safety and cultural sensitivity)

#### **Implement**

- An informed policy using NHV spatial data for development adjacent to the intertidal area: Reddell Beach, Entrance Point, Cable Beach, Gantheaume Point, Town Beach and Roebuck Bay
- Zone by zone actions informed by a monitoring program: adaptively manage/protect areas of NHV, cultural sensitivity and vulnerability
- DCNHMP's NHV spatial data and cultural site mapping into Yawuru CMP and Yawuru parks management plans, programs and strategies

## Objective 6: To create opportunities for the Broome community



### **STRATEGY: BRANDING OF BROOME AS THE GATEWAY TO THE DINOSAUR COAST**

#### **Continue**

- To incorporate the celebration of Broome's Dinosaur Coast into existing Broome festivals
- Hosting conference field trips and national or international palaeontology conferences

#### **Develop**

- A community launch event: Broome Chamber of Commerce (BCCI), Broome Visitors Centre (BVC), Australia's Northwest (ANW), Broome Bird Observatory (BBO), Environs Kimberley (EK) and others
- A stand-alone triennial Dinosaur Festival timed to coincide with extreme tides
- Visitor and site management strategies, accreditation, and Yawuru ranger and Country manager training before tourism promotion/activity
- Tourism experiences with an increased focus on geodiversity and geotourism
- Dinosaur track tourism as a date-and-tide-dependant attraction
- Support for tourism operators to incorporate appropriately managed trackways tourism



## Objective 7: Improve the experience of visitors to the Dinosaur Coast



### **STRATEGY: IDENTIFY AND PROMOTE WHICH TRACK LOCATIONS WILL WORK SAFELY FOR DIY TRACKING AND WHICH NEED A RECOMMENDATION TO USE GUIDED TOURS**

#### **Upgrade**

- The Dinosaur Coast Track Guide app: for easier download and clearer reference points for DIY tourism
- Visitor information/interpretation at Gantheaume Point and integrate into conservation park areas.

#### **Design**

- A 'Point to Point' Dinosaur Coast self-guided walking trail with marked access points to beach, appropriate warnings/respectful behaviours, and a link to the Dinosaur Coast Track Guide app

#### **Explore**

- A dinosaur coast education/accreditation scheme for tourism operators
- Combined NH listing and RAMSAR site/BBO itineraries for Roebuck Bay
- Commencing the Tentative Listing process for future World Heritage status of the Dinosaur Coast



Can you spot the theropod tracks? Image: Damian Kelly

# FAQs



## Why do this management plan?

The tracks and other ichnofossils in the intertidal area are included in the West Kimberley National Heritage Place. With Increasing development and growing numbers of visitors the coastline surrounding Broome is particularly vulnerable. This management plan will improve our understanding, protection and promotion of the dinosaur tracks and create opportunities for the Broome community.

## How was this management plan put together and who paid for it?

The Dinosaur Coast Management Group (DCMG), a not-for-profit organisation, received a Heritage Grant from the Australian Government. A project manager and consulting team were then appointed to work with a Steering Group to produce the plan.

## Who is going to be responsible for the ongoing management of the tracks?

A Dinosaur Coast Management Reference Group (DCMRG) is to be formed, consisting of representatives from the Shire of Broome, Kimberley Ports Authority, Department of Biodiversity, Conservation and Attractions, Yawuru PBC, Goolarabooloo Millibinyarri Indigenous Corporation, University of Qld and DCMG.

## How are the tracks going to be protected?

See the Implementation Plan.

## Does the plan stop me from enjoying the tracks?

Not at all. But if the tracks are covered with sand or algae, you are asked not to clean them out. Also, be careful where you walk or drive your vehicle as the rock breaks easily.

## What does it matter if some tracks are destroyed?

It is the number and diversity of the tracks that make them so special and removing any of them would spoil the in-situ record.

## Why not put good examples of the tracks in a museum where they can be looked after?

Removing tracks would mean damaging the coastal rocks, leaving gaps in the palaeological landscape; the experience of seeing the tracks in their place far outweighs that of seeing disconnected specimens in a museum. Digital technology can show the tracks accurately in three dimensions, making them visible without damaging them.



## Is there funding to do the job properly?

Not at present, but this plan gives us a good basis for seeking more funds.

## Can I find tracks on my own?

Yes, but get your 'eye in'. Use the Dinosaur Track Guide App [www.dinosaurcoasttrackguide.com.au/](http://www.dinosaurcoasttrackguide.com.au/) and see what the tracks look like. They may change over time through erosion and weathering. Some may disappear for a time under sand and silt, and emerge later.

## I love dinosaurs! How can I become more involved?

Join the DCMG. It's a great way to learn more about the Broome dinosaur tracks. Or donate and help us produce a range of educational materials and initiate research projects.



Nigel Clarke showing theropod tracks to visitors. Image: Damian Kelly



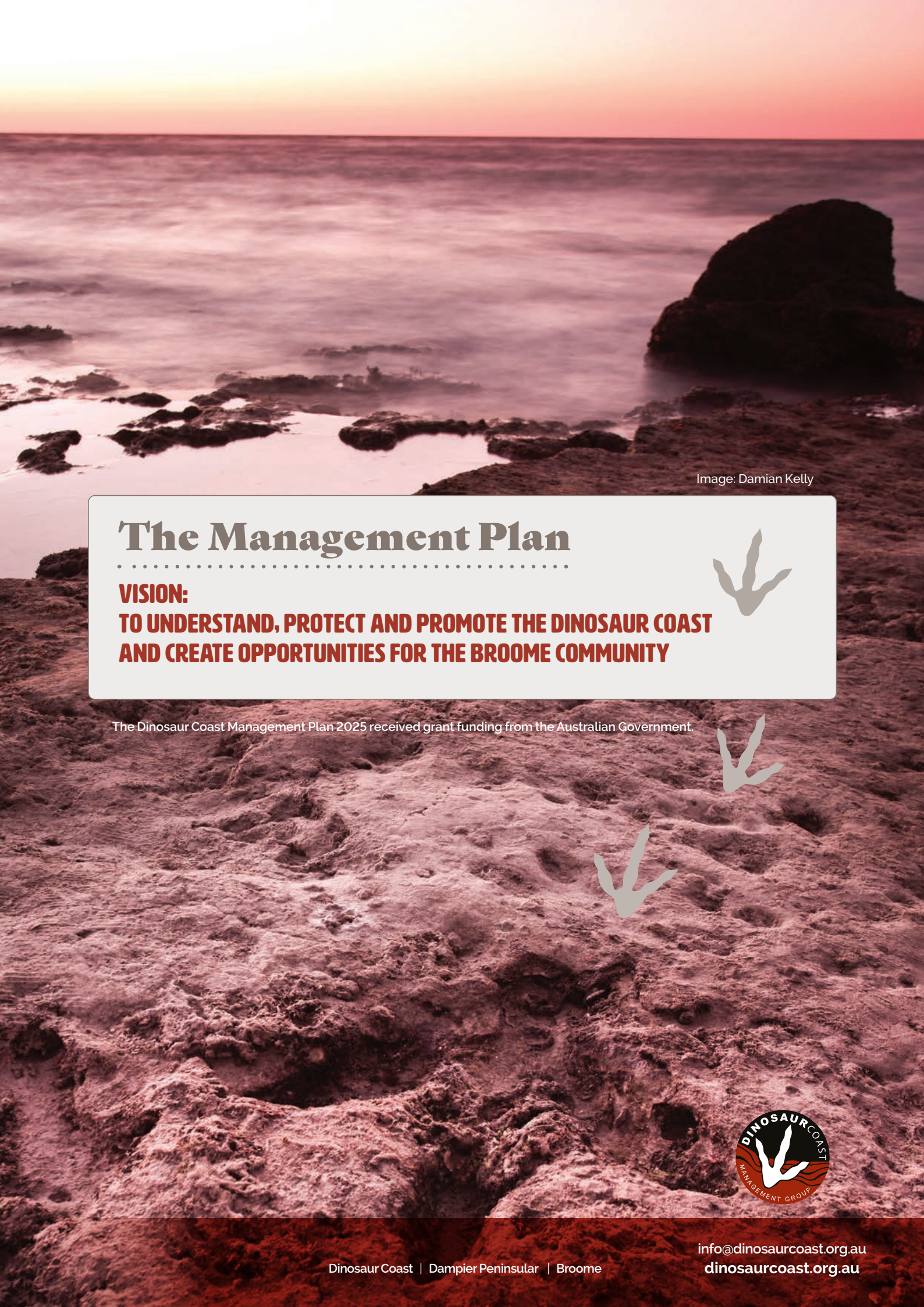


Image: Damian Kelly

# The Management Plan

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## **VISION:**

**TO UNDERSTAND, PROTECT AND PROMOTE THE DINOSAUR COAST  
AND CREATE OPPORTUNITIES FOR THE BROOME COMMUNITY**



The Dinosaur Coast Management Plan 2025 received grant funding from the Australian Government.

