



A web-based system providing resources to support Indigenous Land and Sea Country managers

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Vision and Aim

Indigenous rangers across protect, manage and monitor vast areas of Country Australia-wide. Yet there is limited clear guidance on which monitoring tools to use, how to optimise methods, and how to manage data while maintaining data sovereignty.

This project is building a web-based platform aimed at Indigenous Land and Sea Country Managers that:

- Provides concise, standardised guidance on appropriate technologies and protocols for monitoring and evaluating on-Country management activities.
- Provides a suite of tools and resources that complement this guidance.
- Identifies pathways to securely manage monitoring data and associated Indigenous Knowledge for future generations.

Approach

Governance

- We established a User Advisory Group, comprising Indigenous and non-Indigenous practitioners and subject-matter experts was established at the start of the project. The Advisory Group provides advice and guidance to the project team.

Review of monitoring methods

- We identified methods, protocols, standards and guidelines currently available and routinely used by Indigenous practitioners.
- We identified gaps and needs for new guidance through a consultative co-development process

Development of fit-for-purpose environmental monitoring guidance

- We are building on proven programs already used by Indigenous practitioners.
- We are ensuring guidance is both scientifically robust and culturally appropriate.
- We are co-developing and validating monitoring methods and technologies to ensure they are fit-for-purpose and appropriate for on-Country use.
- We are leveraging methods emerging from other projects that are relevant to Indigenous Land and Sea Country Managers to incorporate into the platform.

Decision Support Tool

- We have implemented a spatially enabled decision-support tool to help practitioners select location-relevant and appropriate monitoring methods to meet their needs.

Outputs

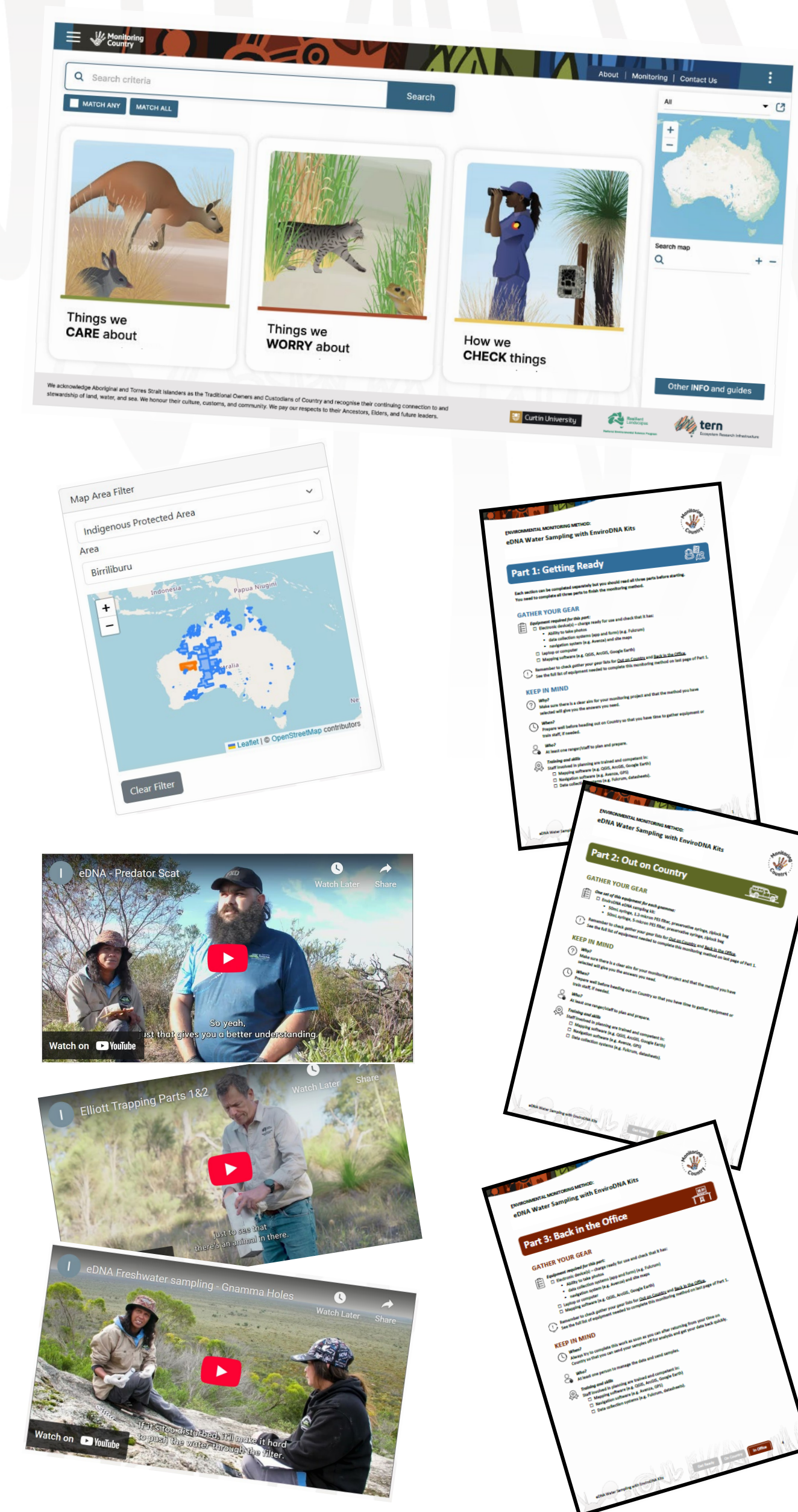
A website hosting a suite of resources on environmental monitoring methods.

Built in tools to filter searches to display monitoring methods specific to a desired location or purpose.

Fit for purpose monitoring method documents that are easy to follow, and ready to print or download.

Videos featuring ranger teams explaining how, why, when and where they use specific methods.

Other guidance such as on analysis, reporting, Culturally safe data stewardship, permitting, HSE.



Expected Outcomes

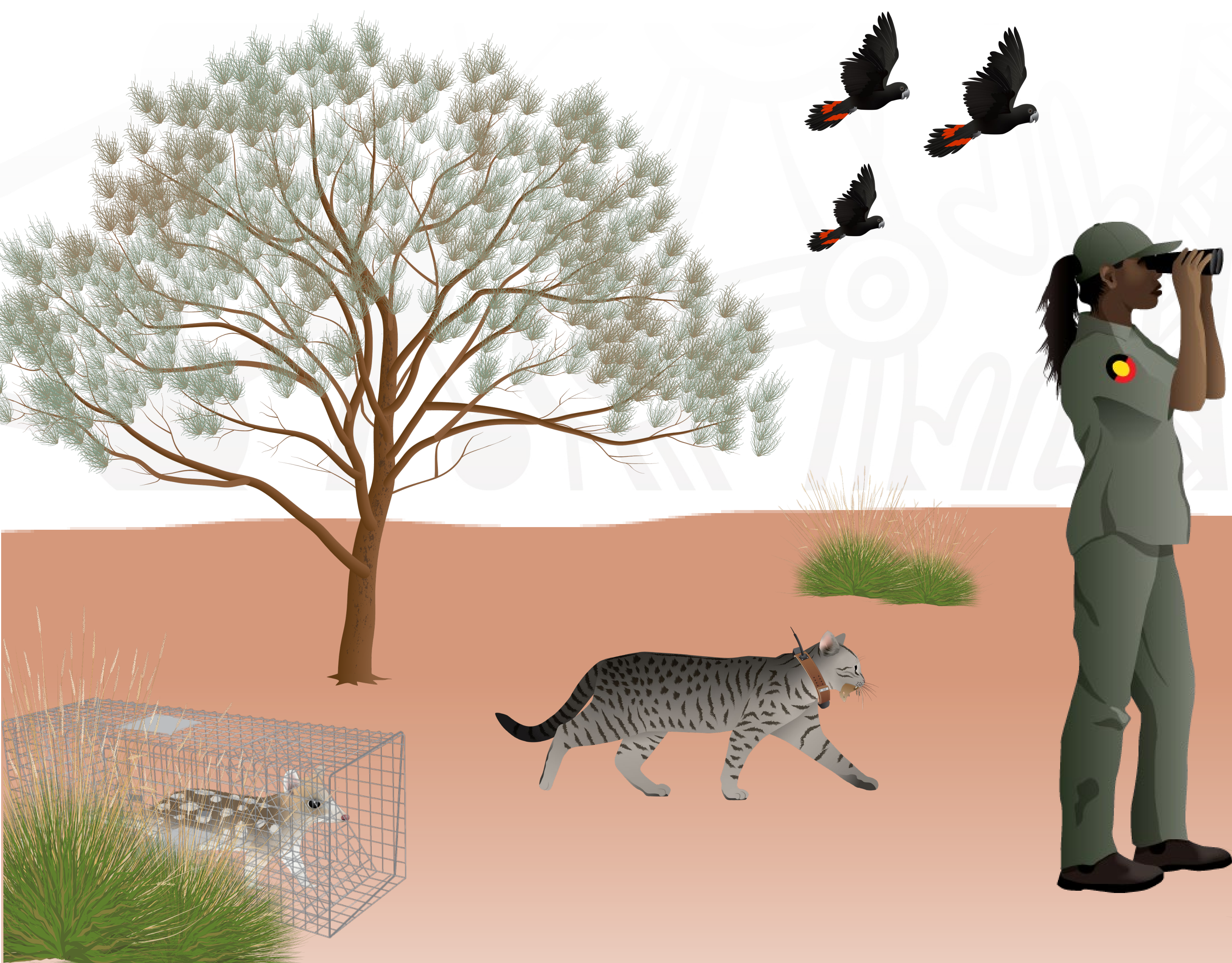
- Increased uptake of standardised, fit-for-purpose on-Country monitoring methods across Indigenous ranger programs.
- Improved, consistent monitoring and reporting of environmental condition on the Indigenous estate.
- Support of Indigenous practitioners in producing and delivering outputs – including reporting – that affirm the exceptional quality and quantity of their on-ground activities. This is essential to ensuring the ongoing support and growth of Indigenous land, water, and sea management programs.

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monitoringcountry.org.au



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