



Palimaa Data Platform Maranguka, Bourke, NSW



First Nations Data Governance & First Nations Data Sovereignty



In partnership with Kowa and powered by Seer Data & Analytics

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Acknowledgement

Maranguka, Kowa and Seer respectfully acknowledges the Traditional Owners of the many lands on which we conduct our business and learn; to Elders, past, present and emerging; and to all First Nations peoples whose wisdom contributes to our future.

We are deeply committed to honouring and amplifying First Nations peoples' unique cultural and spiritual relationship to the lands, waters and seas; and to transforming practice to uphold and reflect First Nations values.

Terminology

Note on language used in this presentation:

'Indigenous Data Sovereignty' and 'Indigenous Data Governance' otherwise referred to in this presentation as First Nations Data Sovereignty when referring to the explicit experience of Australia's First Peoples. Indigenous is used interchangeably throughout the presentation when referring to global First Peoples and in line with the global concept of Indigenous Data Sovereignty and Governance. Such terminology is used with respectful recognition of the heterogeneity of the First Nations peoples of the lands, sea and air.



First Nations Data Governance

Artwork by Tess Reading

Data for Governance – Governance for Data



What would statistics look like if First Nations peoples:

1. Were the data instigators and process determiners?
2. Had our values and socio-cultural realities (Lifeworlds) reflected in the data ecosystem?
3. Defined what was important to know about First Nations peoples?
4. Decided what content best met First Nations peoples' needs, priorities and aspirations?
5. Were the intended audience?

Indigenous Data Governance is the starting point

Maggie Walter - University of Tasmania



Indigenous Data Governance

Maranguka has an integrated governance system in place to ensure data sovereignty and leadership engagement in Bourke.

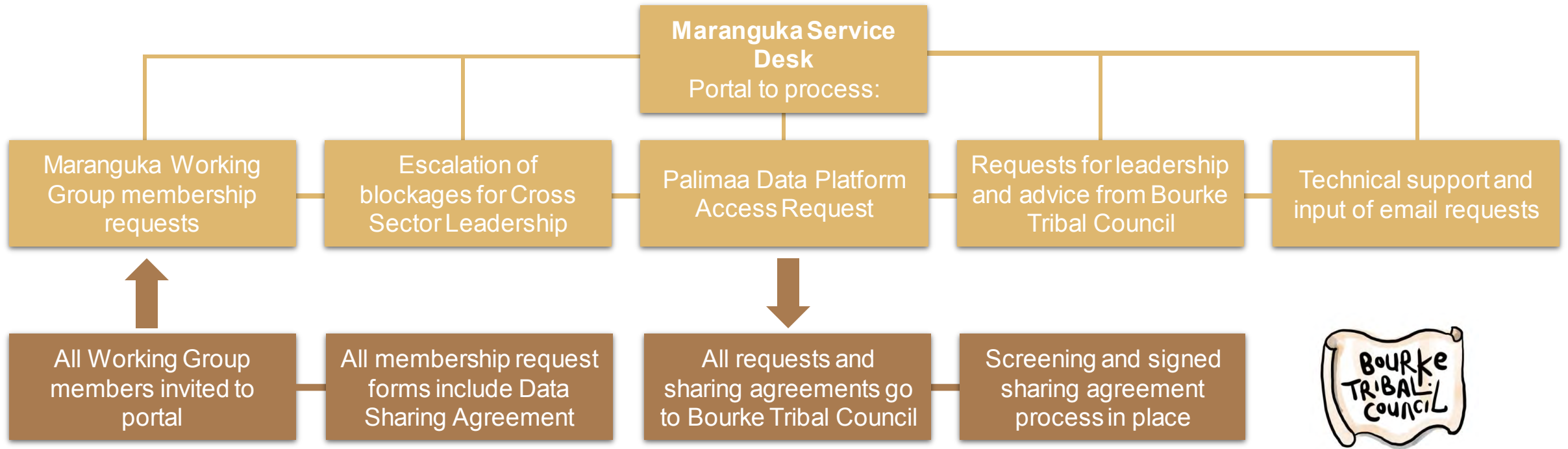
A single access point service desk facility processes:

- Working Group membership requests
- Escalation of blockage for cross sector leadership
- Palimaa Data Platform access requests
- Requests for Leadership and Advice from Bourke Tribal Council
- Emailed requests which can be entered by Kowa or backbone
- Technical Support requirements

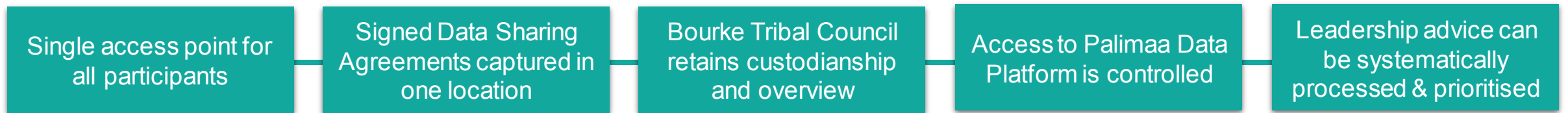
This centralised request and data collection system ensures accountability can be upheld.



Maranguka Indigenous Data Governance Structure



This Governance Structure ensures:





First Nations Data Sovereignty

Artwork by Tess Reading

Indigenous Data Sovereignty

Community data access and sharing is at the heart of a new Bourke narrative, written and owned by Bourke people.

Grassroots data collaboration is fueling the systems-change vision for Bourke. The community transformation underway is being facilitated by the Palimaa Data Platform, in partnership with the Kowa evaluation and learning team, and powered by Seer Data & Analytics.

Maranguka has become Australia's lighthouse initiative for community and data-led place-based change. Central to the work is data access, sharing and storytelling, guided by the principles of Indigenous Data Sovereignty and the leadership of Maranguka and the Bourke Tribal Council.



Justice Reinvestment

Maranguka partnered with Just Reinvest NSW in 2013 to develop a 'proof of concept' for justice reinvestment in Bourke. By addressing the underlying causes of crime, savings on criminal justice costs are reinvested in strategies that strengthen communities and prevent crime.


In 2021, the Maranguka Initiative is the largest data-driven, community-led project in Australia and has resulted in reduced crime, particularly among young people, increased safety, millions of dollars in justice savings, and new economic investment for Bourke.

In harnessing the power of data, Maranguka has created a landmark example of community leadership and collaboration as they work towards their mission of ensuring no one gets left behind in Bourke.



Maranguka Palimaa Data Platform

Enabling shared learning and shared measurement for societal reform.



Welcome to Maranguka's Data2U Platform (MD2UP)

For too long, data has been collected about Aboriginal communities and so rarely is that same data returned into the hands of community. The Maranguka data collection enables data-driven decision-making, telling the story of how the Bourke Aboriginal community have been put in the driver seat to grow their kids up 'Safe, Smart, Strong'.

The Maranguka data set adopts a total life course approach, from antenatal care through to end of life, tracking community's outcomes in early life, education, employment, housing, healthcare, child safety, and health outcomes including mental health and drugs and alcohol. It also explores how the community is fairing in terms of offending, diversion, bail, sentencing/punishment, and re-offending rates. At the centre of the Maranguka data set is culture, transparency, accountability and empowerment.

Maranguka collects data from many collaborating partners and local Community to help build a shared understanding of how change is happening on the ground for Aboriginal children and families in Bourke.

The data held within the Maranguka Data2U Platform (MD2UP) is collected in a way that supports Maranguka collaboration to look at change happening in the short, medium and long term.

MD2UP is structured to allow beginner, intermediate or advanced data explorers to interact with evidence and extract insights.

The data that is captured in MD2UP comes together to tell an important story, that is the story of the First Nations peoples in Bourke, and in upholding the principles of Indigenous Data Sovereignty, Bourke Tribal Council are the owners of this collection and authorisers of any narrative that is told using this collection.

Maranguka collaboration has engaged a number of data frameworks to guide data collection and decision making along the way.

This section of the MD2UP supports users in exploring the frameworks and knowing what data to share, with who, and what it means.

MD2UP Index

The Maranguka Outcomes MEL & Data Architecture provides the foundation for data collection and outcomes tracking.

- The frameworks that guide data collection
- How to choose which data to speak to, when & why

Data Updates

Our partners contribute data at different times. You can view the status of the Maranguka Data Collection here:

- View update dates


Discover how you would like to explore Palimaa

- Access Data Dashboards**
View data visualisations and information for Frameworks, working groups and initiatives.
- Access the Raw Data**
View and share the raw data for Frameworks and working groups.
- Explore Palimaa**
Get messy and explore across all the data on the platform.
- View Maranguka Case Studies**
Hear from others what has worked well!
- View Maranguka Testimonials**
Listen to what Community have to say
- View Maranguka Test Cases / Key Impact Projects**
Understand what we are trying and testing

Other tools to help on your data journey

- Explore Maranguka Data Collection and build new Insights
- Navigating Maranguka Suitcases and Insights
- Download, edit and share an insight
- Similar Communities Model tool

FAQs and other support



Frameworks that guide data collection

- A snapshot of life for Aboriginal children and young people in Bourke
- Safe, Smart, Strong
- Maranguka Outcomes Framework
- KPMG Justice Reinvestment Impact Assessment Report

[Return to Maranguka Data2U Platform](#)

Powered by:
Seer
Terms of Service

Palimaa Data Platform

What it means for

Bourke, NSW



Seer Data & Analytics is working in partnership with evaluation and learning team Kowa Collaboration to support the Maranguka initiative by automating data access and data sharing from 15 data contributors into the Maranguka data collection. Data contributors include NSW Health, NSW Education, NSW Communities & Justice, NSW Police, Department of Social Services as well as services and not-for-profits operating in Bourke.

Easy access
Data
Infrastructure

Safe and
secure data
storage

Data
collection
automation

Facilitates
collaboration

Underpins
sovereignty

Connects
contributors

Enables shared
learning

Preserves data
collection

Improves
efficiency



Palimaa Data Platform Architecture



Working Groups data collaboration

Maranguka frameworks and strategies

Bourke Tribal Council guidance



Palimaa Data Platform

Frameworks that guide data collection

How to choose which data to speak to, when and why tool

Data Dashboards (Data Visualisations)

Case Studies and Testimonials

Test Cases / Key Impact Projects (to be completed)

Data ingestion templates bring data into collection

Self-service data ingestion with automated reminders

Secure data storage on Seer with password protected access

Access Insights and all raw data

API connector to Data visualisation tools

Kowa evaluation and learning partnership

15 Data custodians contribute data

Local Data capability and knowledge



Operationalising Indigenous Data Sovereignty

Maranguka is establishing ourselves to be an essential part of the Digital Economy, particularly on Data Sovereignty from a place-based focus, in collaboration and partnership with Seer.



Alistair Ferguson
Maranguka, Bourke Tribal Council

I see Maranguka on the journey from data dependency to data sovereignty, not quite there and investment would allow that, but progress has been substantial in just a few short years.



Skye Trudgett
Kowa Collaboration

We collect data and bring it to our working groups to facilitate discussions around ways to better the Bourke Community. We have seen a dramatic decrease in youth crime. Seer makes my job a lot easier.



Tyra Kelly
Maranguka Community Hub

Data to Knowledge to Action:

Maranguka's Palimaa Data Platform empowers the community of Bourke to quickly take action in response to concerning changes in the data. Data is collected from 15 contributors and reviewed monthly in collaborative working group meetings attended by cross-service community leaders and stakeholders.



Data

Collaboration

Action

Data shows a concerning change when analysed

Detailed discussion facilitated by data at next Working Group meeting

Actions can be taken such as refinement of services, reengagement of community, or mobilisation of new services

The Seer TRUST process for Data Sharing



As well as being guided by the principles of Indigenous Data Sovereignty, Seer Data & Analytics has a TRUST data sharing framework in place. This helps ensure that creating and maintaining an environment of trust and inclusion to supports the systems-change vision is always at the heart of Maranguka's Palimaa Data Platform

Theory of Change and MEL indicator framework review to identify data gaps: Open data can only fulfil some of the data needs for community backbone teams. At the first step, we review the Theory of Change and MEL indicator framework with backbone teams to identify the gaps, and plan how the data can be accessed, either collected by the backbones or shared by data contributors working in partnership with the backbones.

Responsible, safe community data governance agreed, including data sovereignty: agreement of the governance structure for the collection including data ownership rights, sharing, access, hosting and security rules.

Understand and agree the mechanism for sharing and collecting the data: will data requests be made to data custodians or will the custodians share that data with the backbone. We work through the easiest and fastest way to ensure data is collected or shared into Seer for community benefit. Seer then sets up the templates or makes the data requests to contributors.

Share and automate ingestion into a private collection on Seer: ingest the data into Seer through automated templates set up by Seer or, if the collection is large and made available in a format such as excel, the data preparation, cleansing and ingestion will be conducted by Seer's data engineering team.

Tell data stories, create insights for learning and tracking impact: the private collection is now available for the backbone and partners to analyse.



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