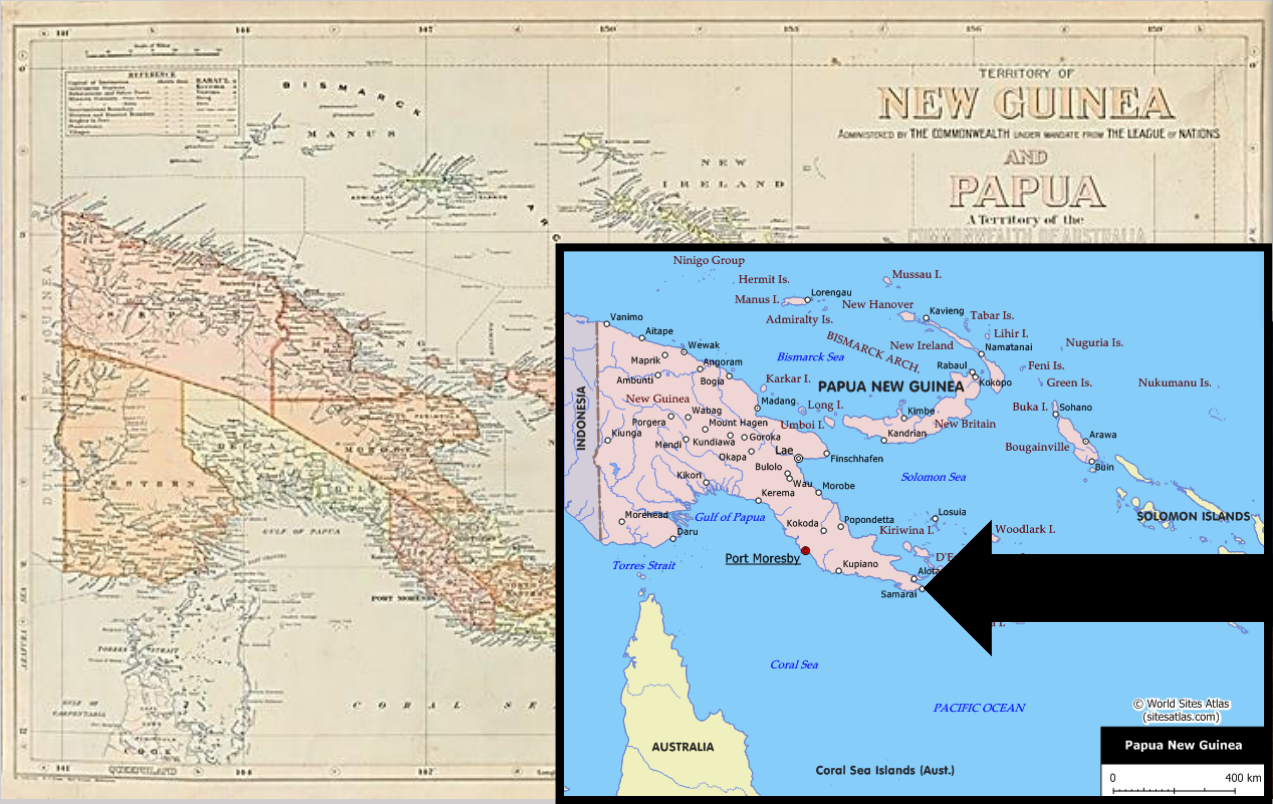


Impact evaluation: Tackling Indigenous Smoking regional grants on smoking outcomes

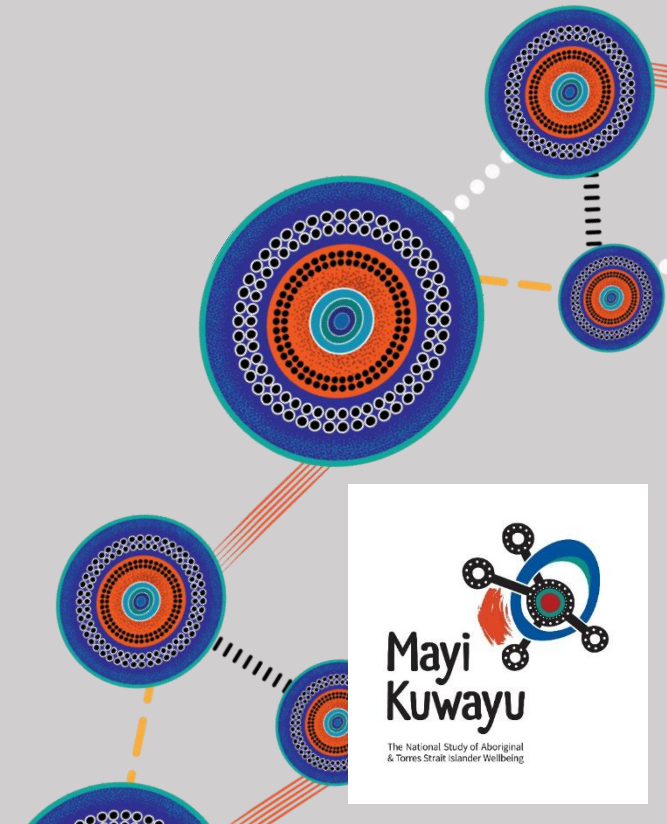
Dr Raglan Maddox PhD MPH
Aboriginal and Torres Strait Islander Health Program
Research School of Population Health
Australian National University
September 2020

Milne Bay, PNG



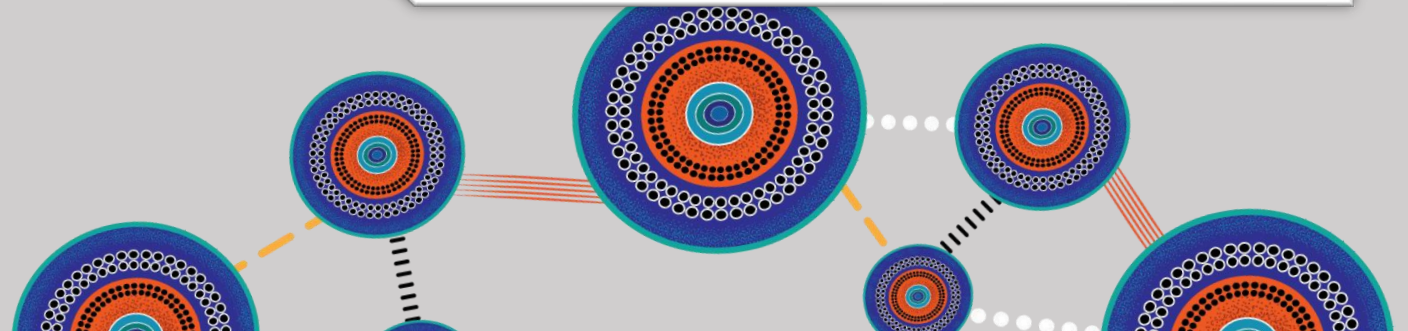
Who we are?

- **Led by researchers from:**
 - Aboriginal and Torres Strait Islander Health Program
Australian National University
 - Tobacco Control Research Program
 - Menzies School of Health Research
- **Working together with:**
 - Organisations with regional grants
 - Other Aboriginal Community Controlled Health Services
 - NBPU
 - Quit Victoria
 - CIRCA (other part of Evaluation)

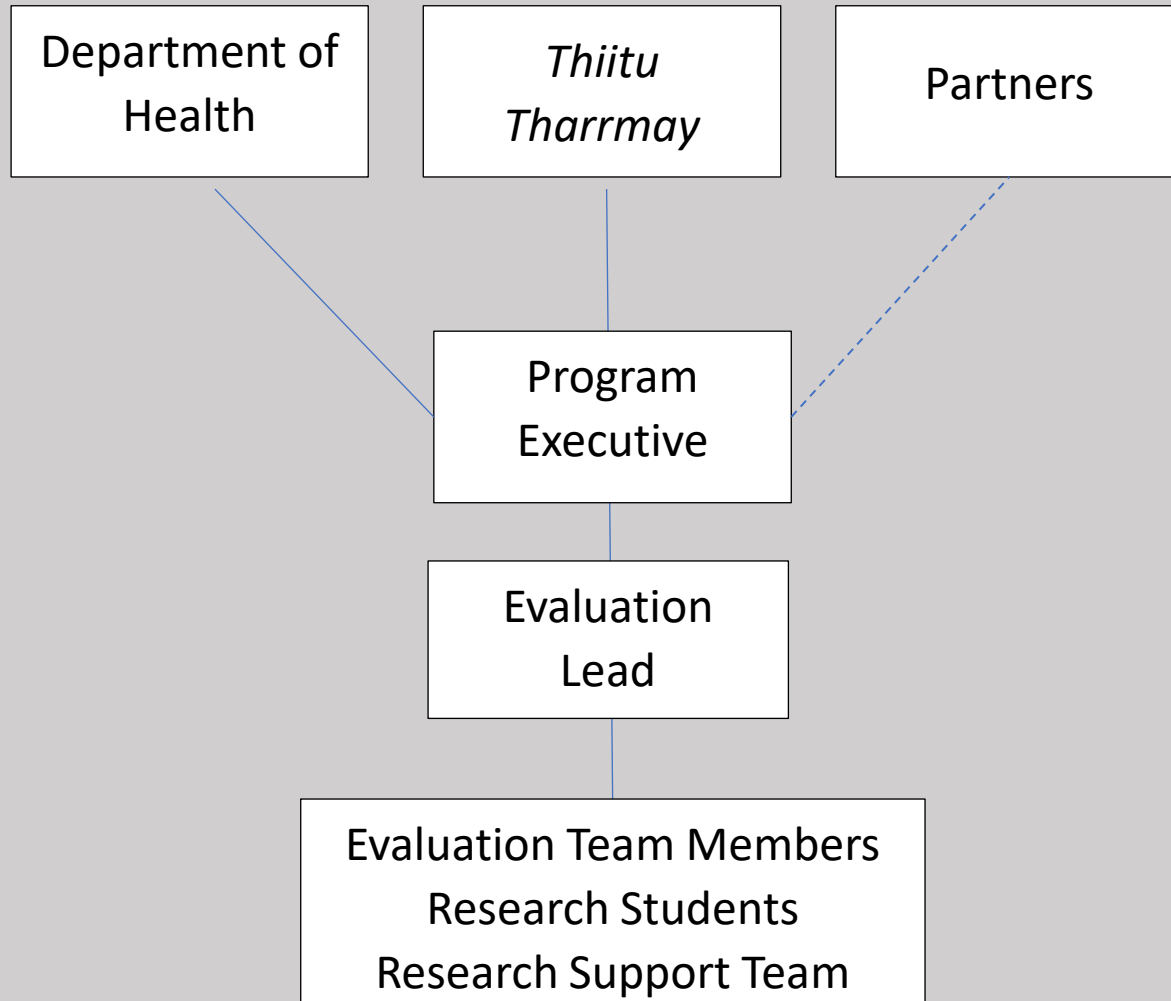


Aboriginal and Torres Strait Islander Health Program

- We want to answer: *what works* to improve health and wellbeing?
- Ways of working:
 - Indigenous leadership and governance
 - Indigenous data sovereignty
 - Community-driven research
 - Partnership approaches
 - Strengths-based
 - Mixed methods



Evaluation Governance

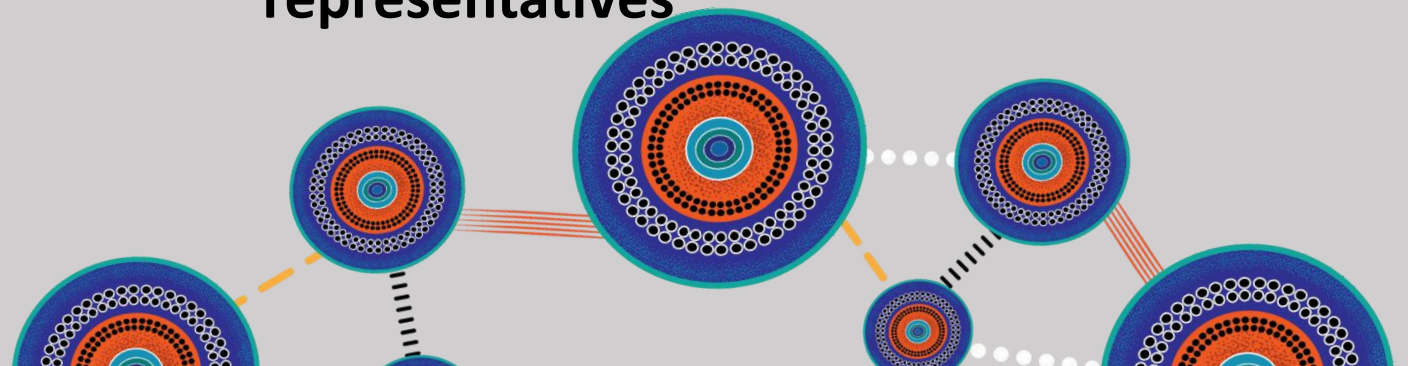


Program Executive

- Ray Lovett (Wongaibon)
- Jill Guthrie (Wiradjuri)
- David Thomas
- Katie Thurber
- Raglan Maddox (Modewa Clan, PNG)

Thiitu Tharmay: *to share knowledge* (Ngiyampaa)

- Aboriginal and Torres Strait Islander peoples
- Tackling Indigenous Smoking representatives





What are we trying to answer?

Have smoking related-outcomes *improved faster* in areas with TIS funding compared to areas without TIS funding?

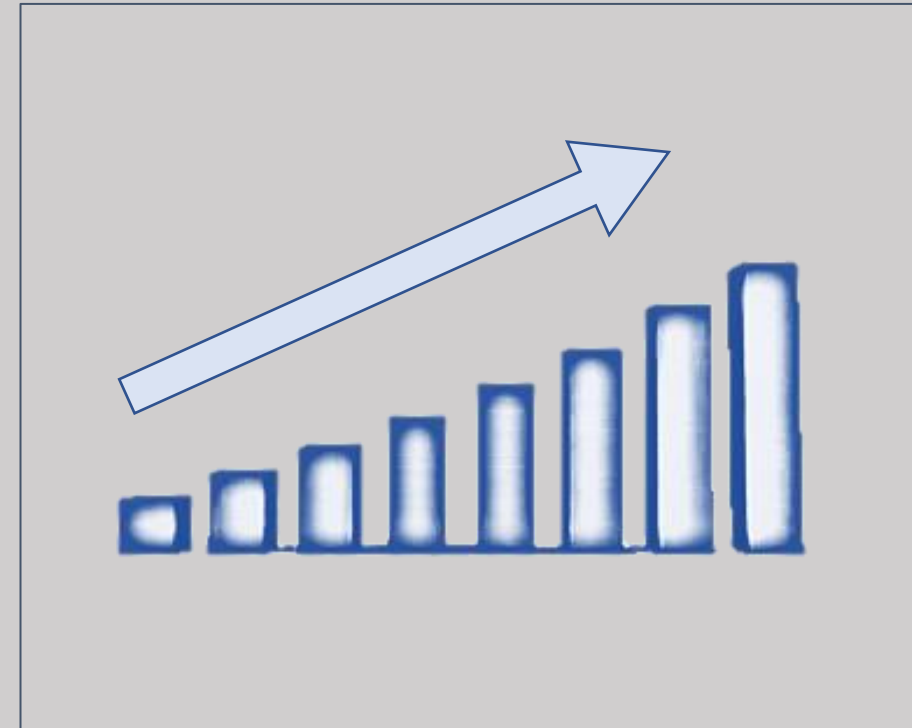
This includes changes in:

1. % of people who smoke
2. % of people who quit and stay quit
3. Behaviours related to quitting (e.g. calls to Quitline, stop smoking medications, etc.)
4. Smoking initiation
5. Second-hand smoke exposure, including such as smoke-free homes
6. % of women who smoke during pregnancy
7. Attitudes about smoking and quitting
8. Recording smoking status in health services

Why do we need to do this?

If we have evidence that TIS RTCGs:

- a) helping improve smoking-related outcomes, this can be used to support TIS expansion.
- b) are *not* contributing to improvements, we can try to understand what is not working, why, and how it can improve.



What are we going to do?

1. Define boundaries:
mapping TIS areas

2. Analyse existing data

3. Analyse new data:
Mayi Kuwayu Study

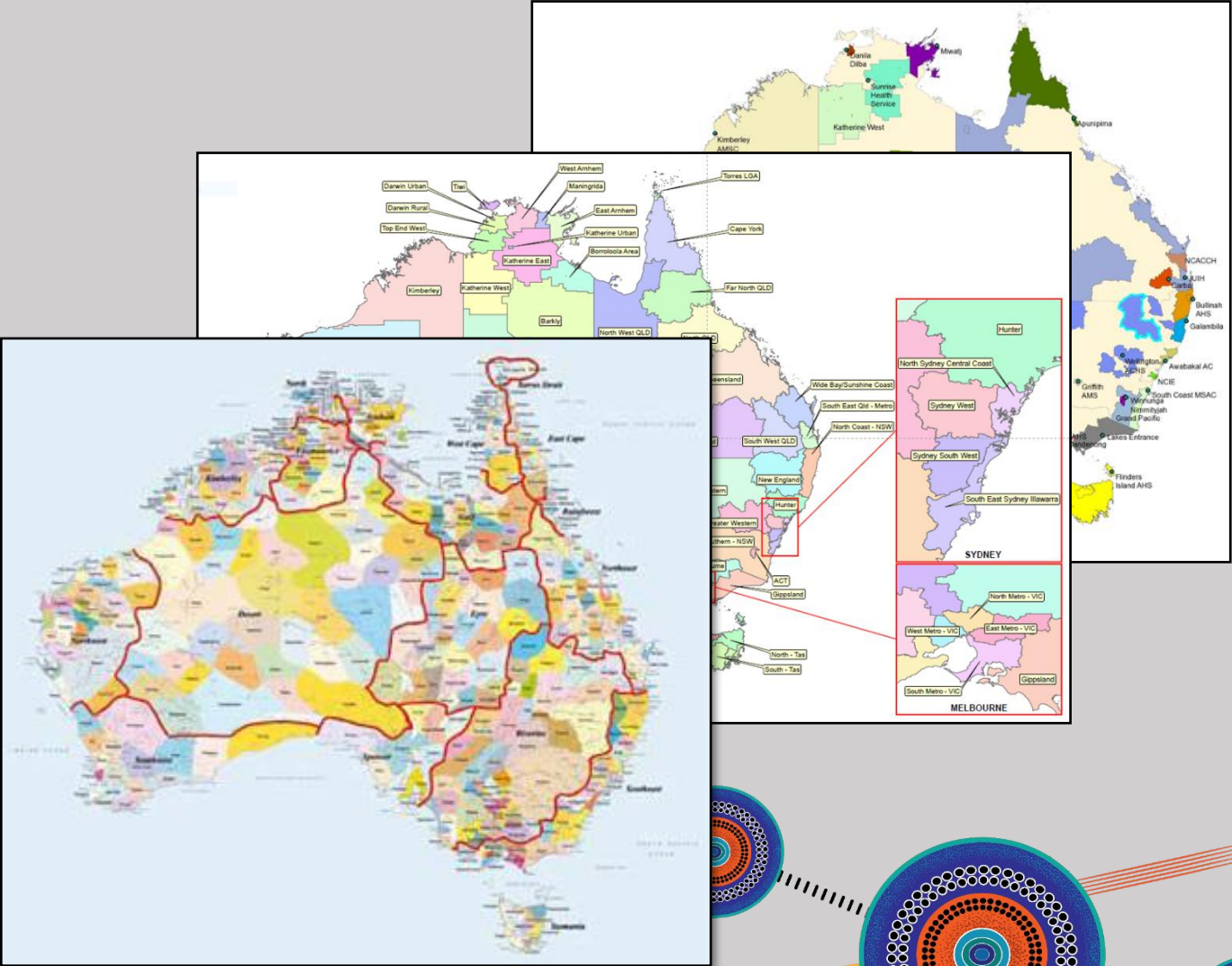
4. Bring findings together

5. Evaluation Report, publications, community feedback

Ongoing discussions and feedback



1. Defining boundaries and intensity



Tackling Indigenous Smoking Program Activity Intensity Tool

Project Title

Tackling Indigenous Smoking: Regional Grants Impact and Outcome Assessment General

Outline of the Project

We want to look at the changes in smoking for Aboriginal and Torres Strait Islander peoples living in areas with a TIS team, compared to those without one. To do this, we need to map out who is being reached by TIS services. We will begin by using the boundaries provided by the Department of Health from the TIS funding agreements. We would like to work with you to develop a more detailed understanding of service reach. We would like to know where your service has high levels of activity, moderate levels of activity, and lower levels of activity. We would also like to find out from you how these activity levels changed over time, and whether there were any times during the funding period that your team was unable to provide TIS services.

It is important to note that the information from this interview will not be published or shared with the Department of Health.

We are inviting all TIS Coordinators (or a representative from the TIS team) to participate in an interview. We would like at least one person from each of the 37-41 current TIS teams to be involved.

Use of Data and Feedback

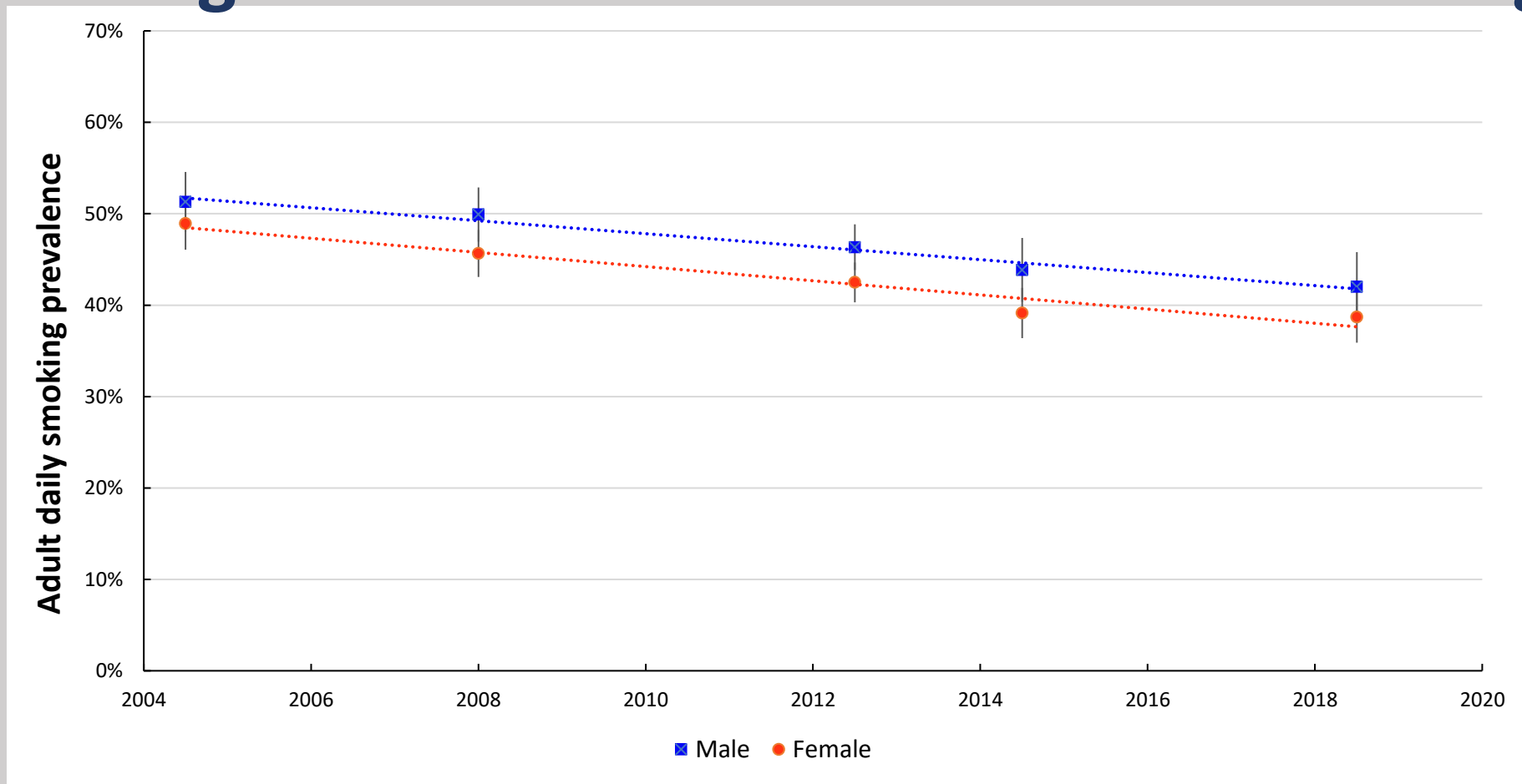
The information you share with us will help us see if higher levels of TIS activity are linked to improvements in smoking outcomes. We will not share this information with other TIS services, or with other parties. We will provide the information from your service back to you, so that it can be used for future planning. We will provide updates on our research through the TIS Communique and may present at a TIS workshop. A summary of the evaluation findings will be made available to all participants.

Project Funding

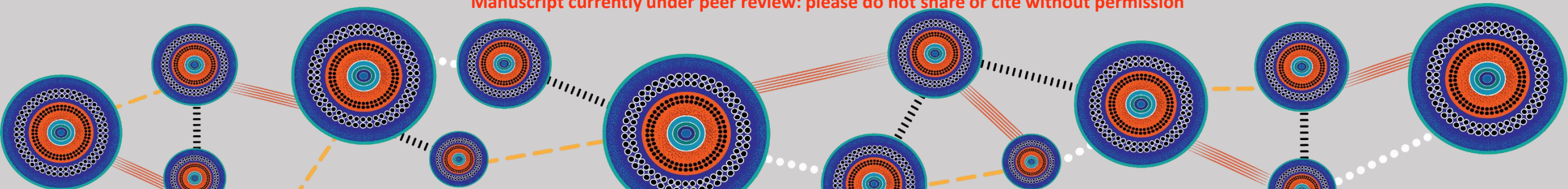
This project is funded by the Australian Government Department of Health.



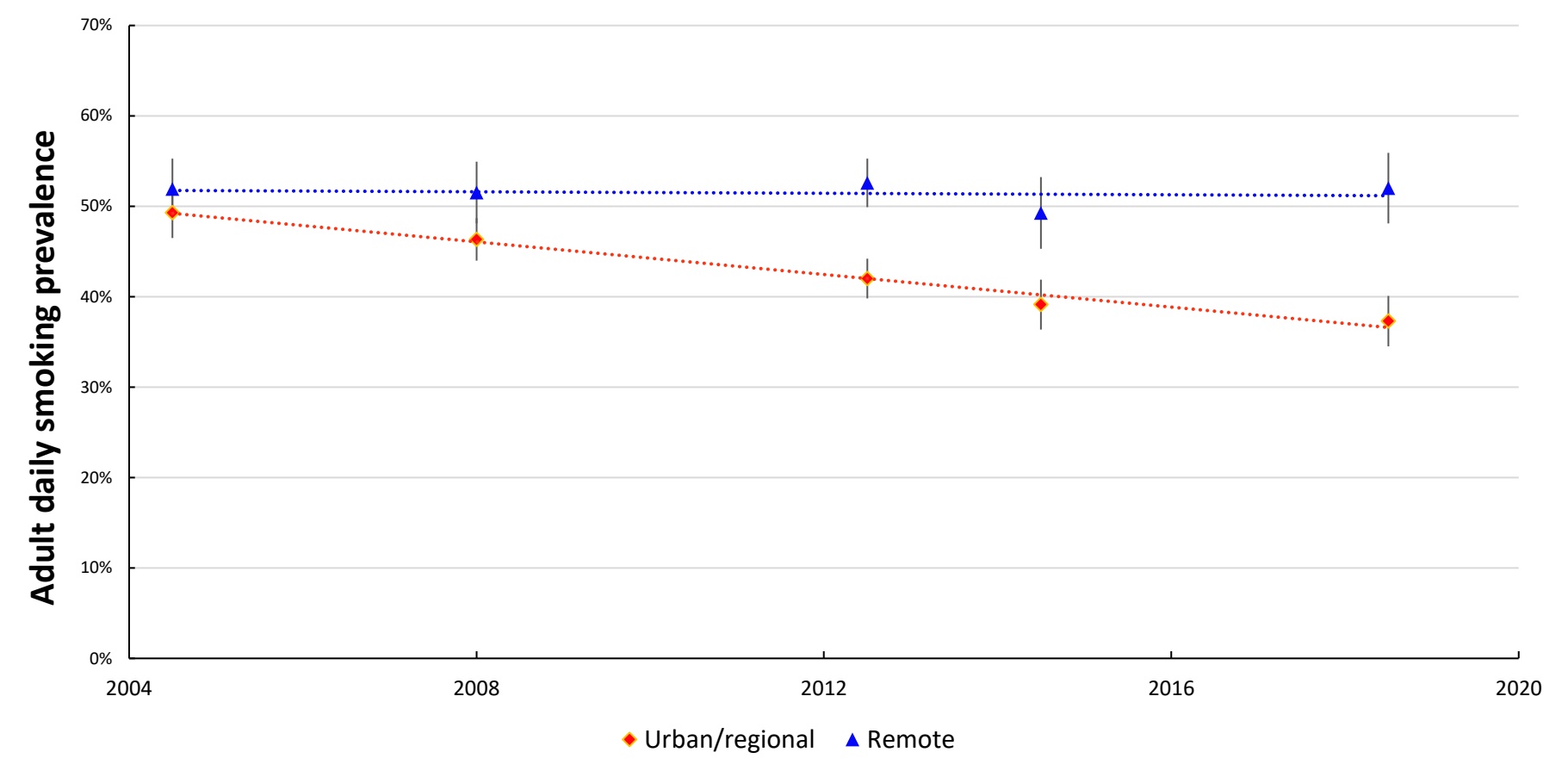
Aboriginal and Torres Strait Islander smoking



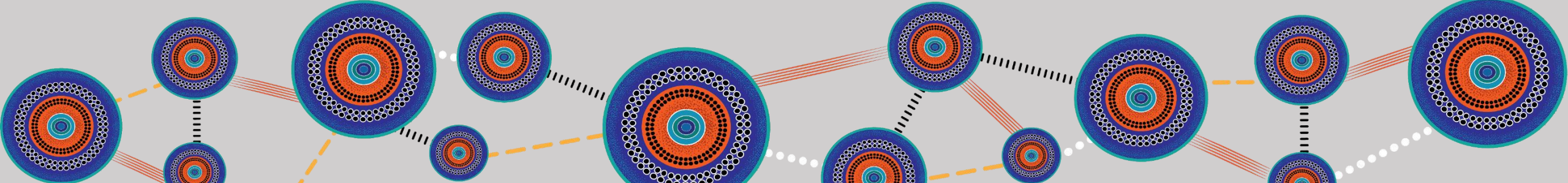
Manuscript currently under peer review: please do not share or cite without permission

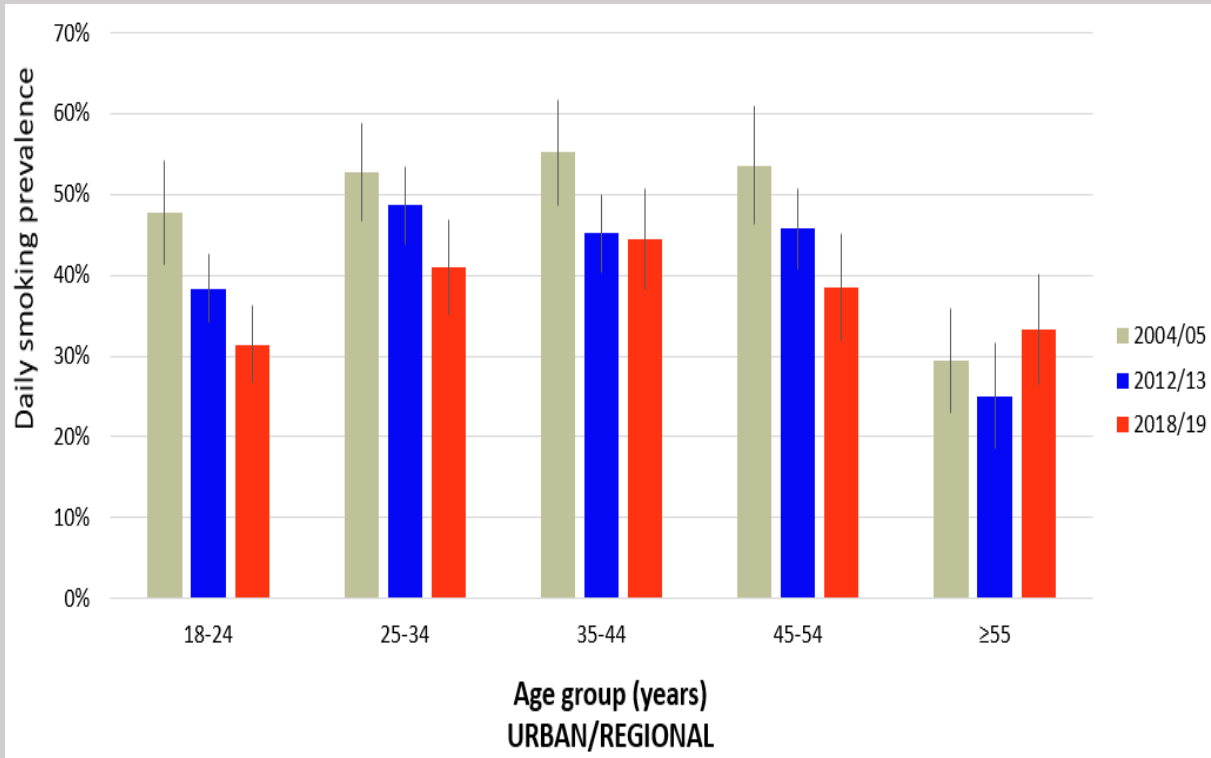


Aboriginal and Torres Strait Islander smoking

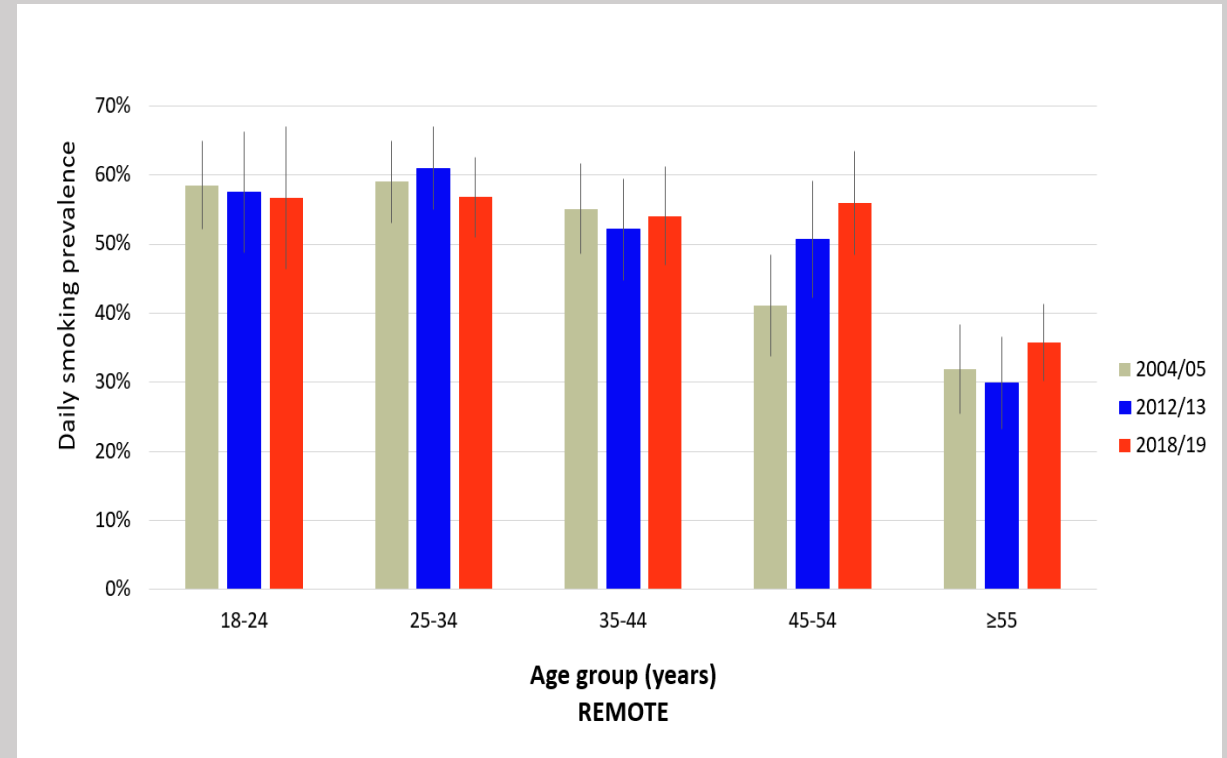


Manuscript currently under peer review: please do not share or cite without permission





*146,300 daily smokers living in urban/regional settings



*49,000 daily smokers live in remote areas

Manuscript currently under peer review: please do not share or cite without permission



2. Analyse existing data

- No single data source can tell us everything: look at multiple data sources overtime
- No new data collection - analyse data that already exist

ABS nationally
representative surveys

The National Perinatal
Data Collection
(smoking during pregnancy)

Health services data

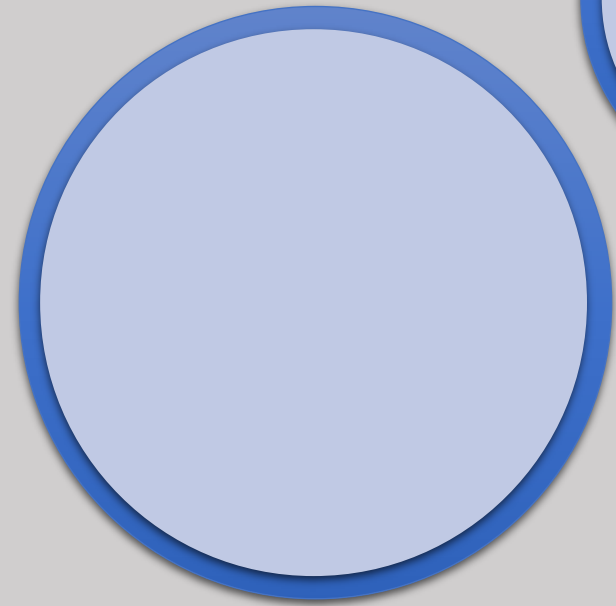
Pharmaceutical
Benefits Scheme
(stop smoking medications)

Quitline
(quit attempts)



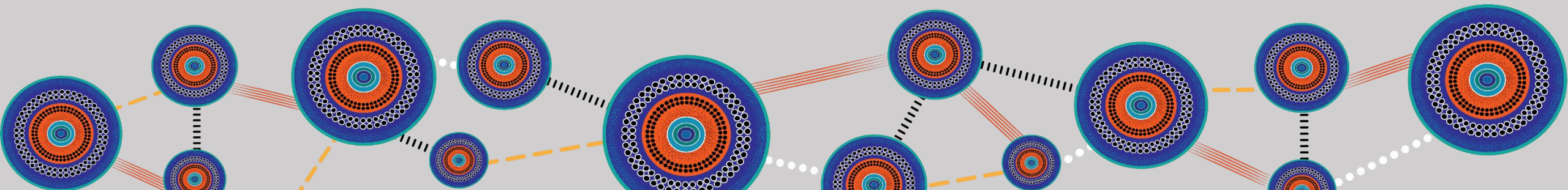
The Deadly News since 2004...

**Many
lives saved**

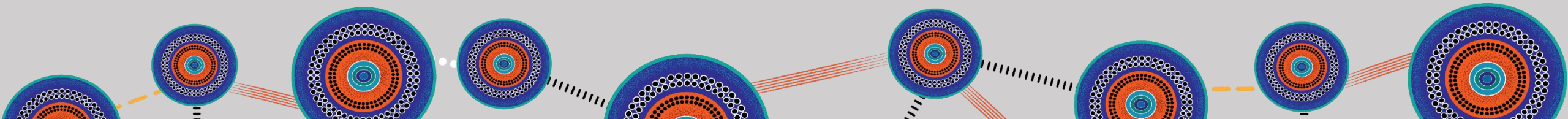
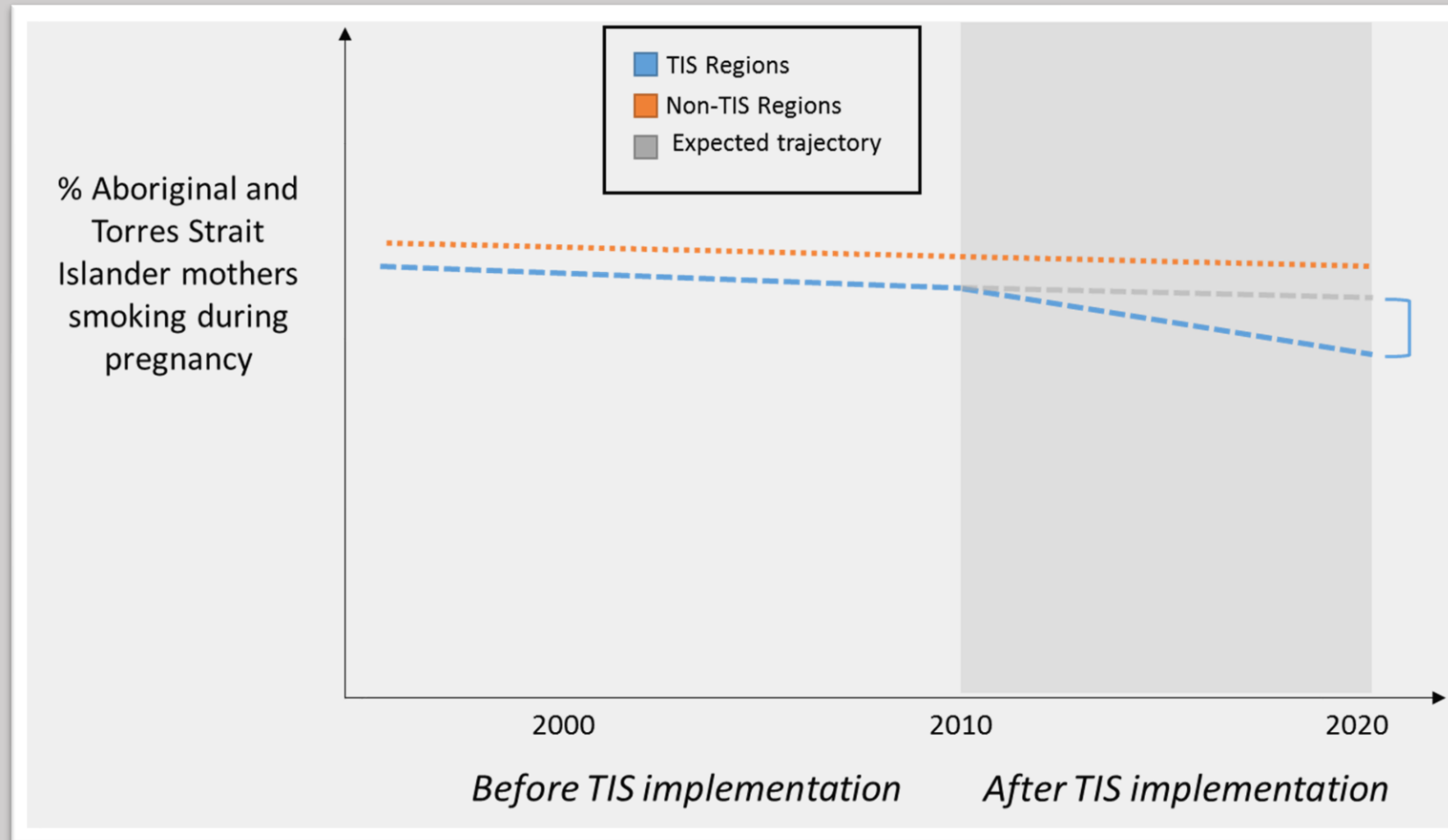


9.8% reduction

**Almost 50,000
fewer daily
smokers**



For example...



3. Analyse new data

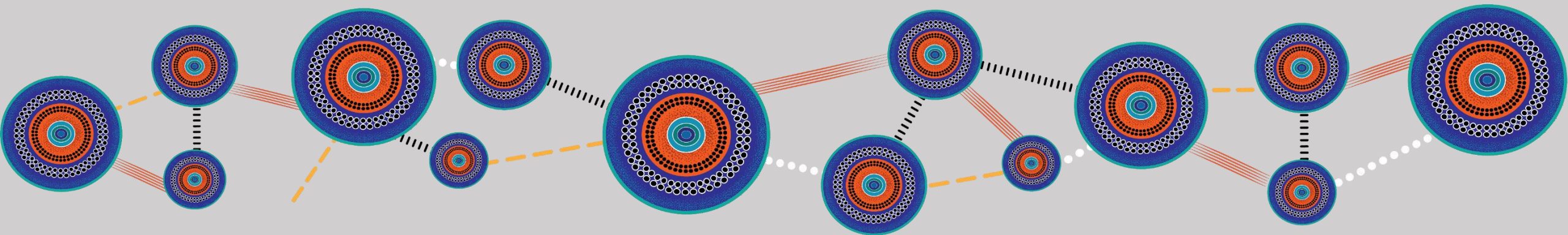
- **Mayi Kuwayu: National Study of Aboriginal and Torres Strait Islander Wellbeing**
 - Study about culture and wellbeing
 - Aboriginal led and governed
 - Partnership
- **Data collection underway (~8-9,000 so far)**
- **Measure change 2019 to 2021 in:**
 - Smoking behaviours
 - Participation in tobacco control programs
 - Smoking attitudes and beliefs
 - Can look at relationship with culture, trauma, racism, etc.

For more information: <https://mkstudy.com.au/>

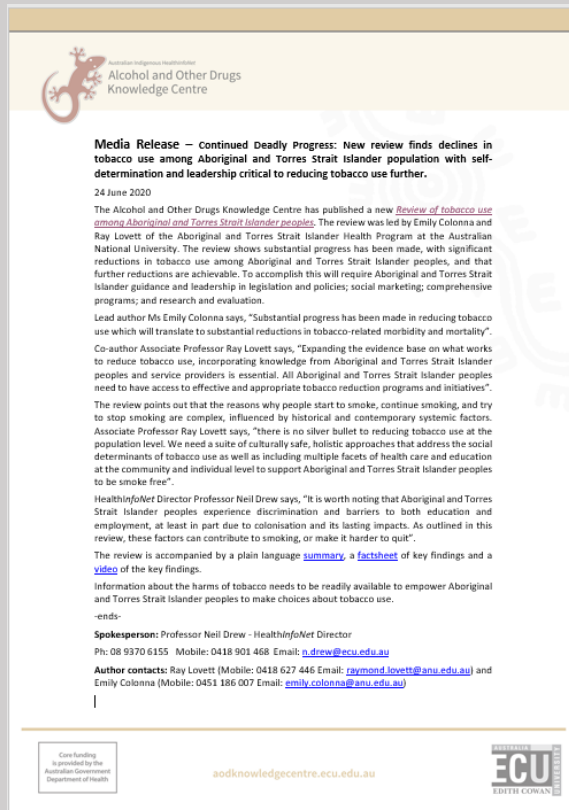


Capacity building

- Learning from service providers, partners and communities
- Increased investment in Indigenous tobacco control research
- Recruitment, training, support of Aboriginal and Torres Strait Islander staff and students
- Dissemination of research findings and materials
 - Research, policy, and community formats
 - *Mayi Kuwayu* Study data returned to services and communities



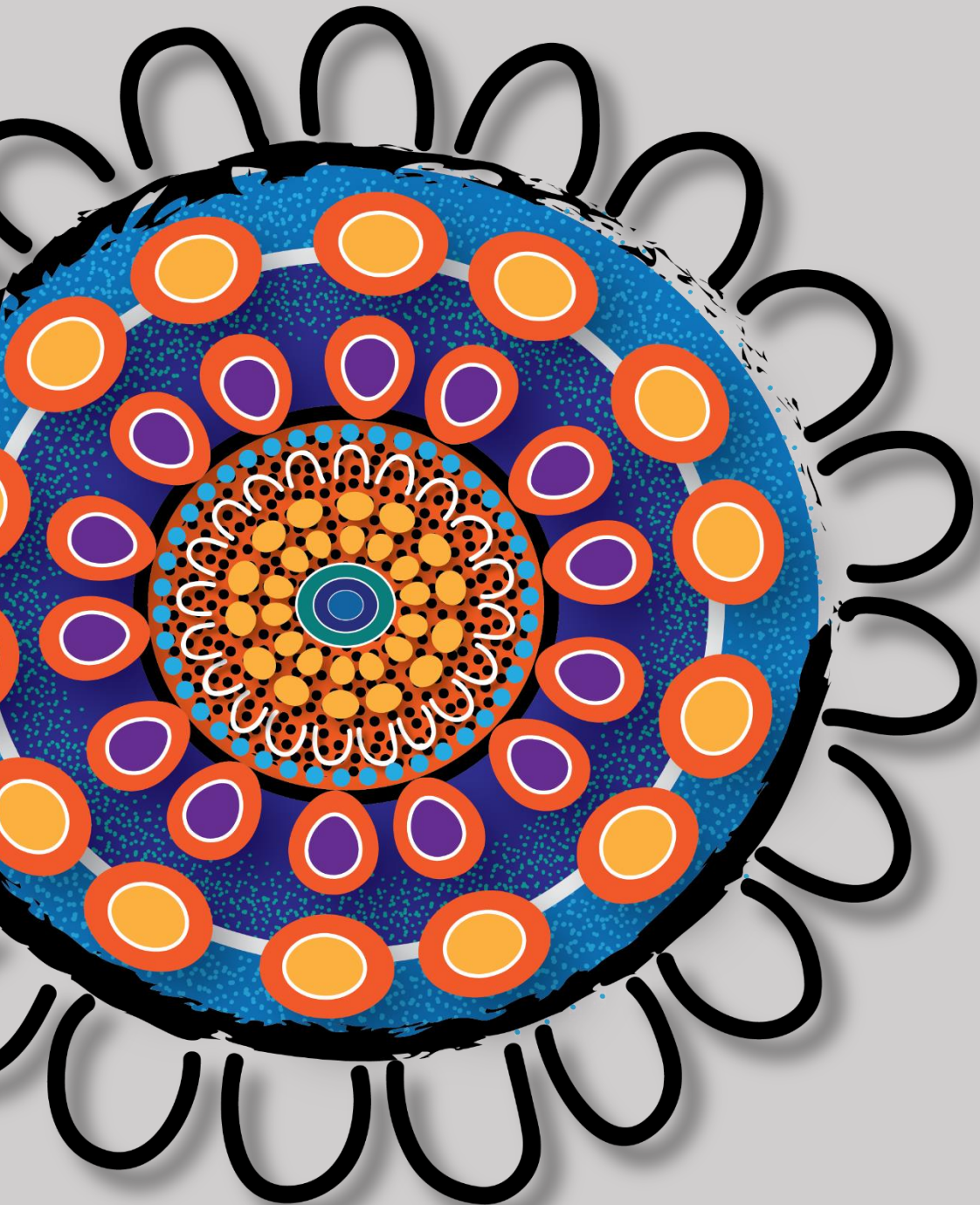
Review of tobacco use among Aboriginal and Torres Strait Islander peoples



The Alcohol and Other Drugs Knowledge Centre has published a new [Review of tobacco use among Aboriginal and Torres Strait Islander peoples](#)

The review is accompanied by a plain language [summary](#), a [factsheet](#) of key findings and a [video](#) of the key findings.

https://aodknowledgecentre.ecu.edu.au/key-resources/publications/40328/?title=Review%20of%20tobacco%20use%20among%20Aboriginal%20and%20Torres%20Strait%20Islander%20peoples&contentid=40328_1



**Please let me know if you
would like to pilot the
TIS Intensity Tool?**

Any questions?

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Research School of Population Health
Australian National University

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