

# Redlands Coast IndigiScapes Centre

*Embracing new ways to protect the natural environment and  
ecosystems*

September 2021



**Redlands**  
c o a s t



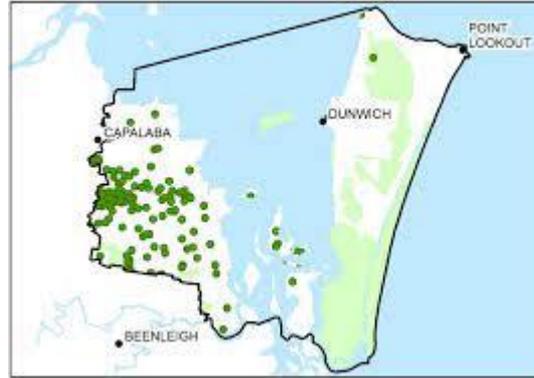
**Redland**  
CITY COUNCIL

# Redlands City (Quandamooka Country)

Where exactly are we? (It depends who you ask...)

South East Queensland

## GREATER BRISBANE



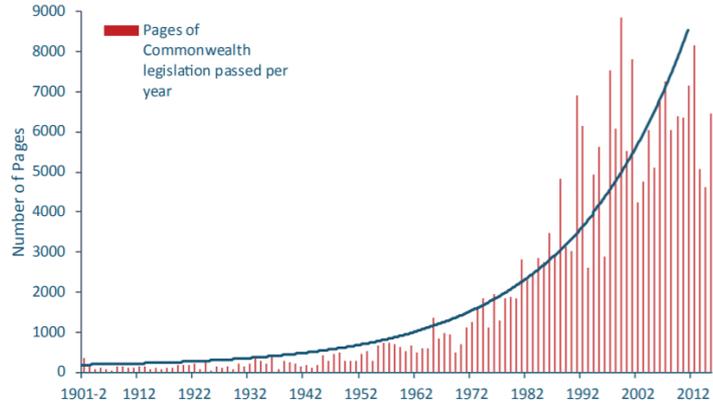
Since opening in 2000, the Redlands IndigiScapes Centre has provided the community with a space to connect and learn about the natural environment....



# A lot has changed over the past 20 years...

## Increasing complexity in regulation and legislation

Figure 2 Pages of Commonwealth Legislation Passed



Source: Institute of Public Affairs

## Advancements in technology

The rise of smart phones, social media or streaming services



## Increasing community expectations

Higher levels of service  
Innovation – something new!  
Diversity and inclusion

# Redland City Council has moved to embrace a new approach to conservation, environmental education and sustainability

- ↑ Engaging with the community
- ↑ Providing new ways to connect with nature
- ↑ Developing partnerships



# Increasing engagement with the community and finding new ways to stay in touch...

Continuing what's working well



Trialling new ways of engaging



Interpretive walking tracks



Hands on conservation –  
Community Bushcare

Social Media  
E-newsletters



Holiday Workshops and  
nature play

Co-design of campaigns –  
social research



Eco Markets

# Redland's IndigiScapes Centre provides a place for the community and visitors a range of experiences...

From 'light touch' activities



to understanding ecology through Citizen Science



# A dedicated space in Redlands Coast...

For families and the community to learn together



To showcase innovative ways for Council to helping community and visitors to learn more sustainability and green living.



# To build **resilience** and potential for **regeneration** in the environment and communities in Redlands City.



Collecting seeds from native plants, building a seed library and propagation

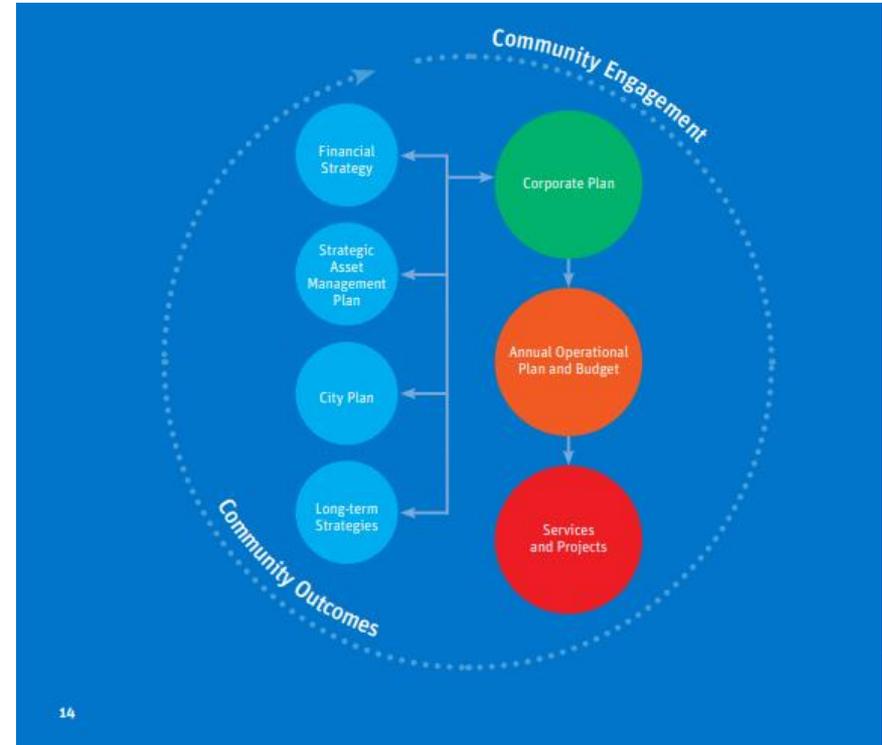
Bushfire consortium – balancing ecology, biodiversity, safety and emergency response



Supporting community learning

# Underpinned by our Plans, Policies and Strategies

- Actively involving the community
- Building capacity and capability internally and within the community
- Based on science – robust baselines
- Seeking opportunities for innovation and leveraging investment



The activities and programmes offered via IndigiScapes enables Council, the community and the natural environment to be prepared to respond to change.

Understanding and learning how to respond to:

Changes in economic climate

Pests and diseases - biosecurity

Natural disasters

Climate Change and coastal hazards

Habitat change, decline or loss



The activities and programmes offered via IndigiScapes enables Council, the community and the natural environment to **be prepared to respond to change.**

Being better prepared by:

- ✓ Leveraging investment
- ✓ Analysing our effectiveness
- ✓ Trialing new ideas
- ✓ Embracing new technology



# Building and fostering partnerships to get better outcomes and leverage investment

Interested organisations

STEAM Providers

Universities

Media

Volunteers

Research and Development Corporations

Local producers and businesses

Educational providers

Vocational Training Providers

Conservation groups



# We are all in this together...

Redland's IndigiScapes Centre (IndigiScapes) and team aims to continue to deliver inspiring and engaging experiences to the community and visitors to connect with nature and enjoy all that the Redlands Coast's unique flora, fauna and natural environment has to offer.

We can only continue to do this by:

- Engaging with the community
- Providing new ways to connect with nature
- Developing and fostering partnerships

Plus always remembering - our people are an important part of our story and our success.

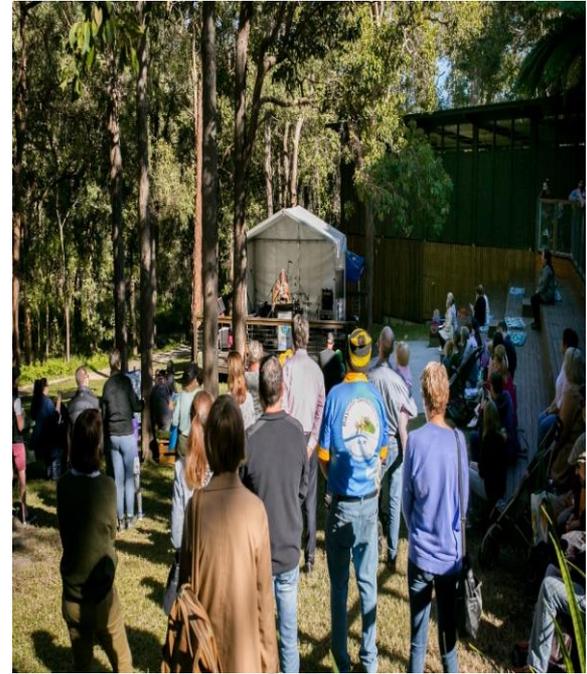


**Thank you!**

# Case Study: Council's approach to koala conservation

## GOALS

- Decisions based on science
- Protect and Improve habitat
- Reduce koala deaths
- Community making a difference



# Embracing partnerships and major collaborations to deliver outcomes for the Koala Conservation Program

## Internal

- ✓ Parks & Conservation
- ✓ Environmental Partnership team
- ✓ Wildlife Officers
- ✓ Bush care
- ✓ Strategic Planning
- ✓ Roads & Drainage
- ✓ Media and Communications team
- ✓ Traffic & Transport
- ✓ Animal Management
- ✓ Infrastructure & Operations

## External



## Innovative koala research

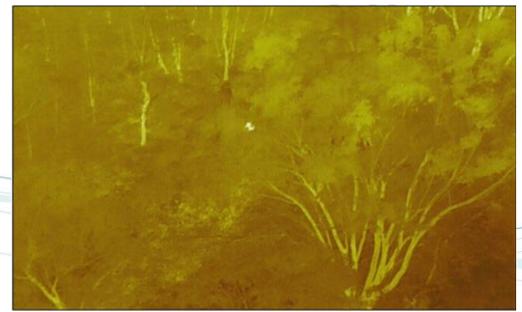
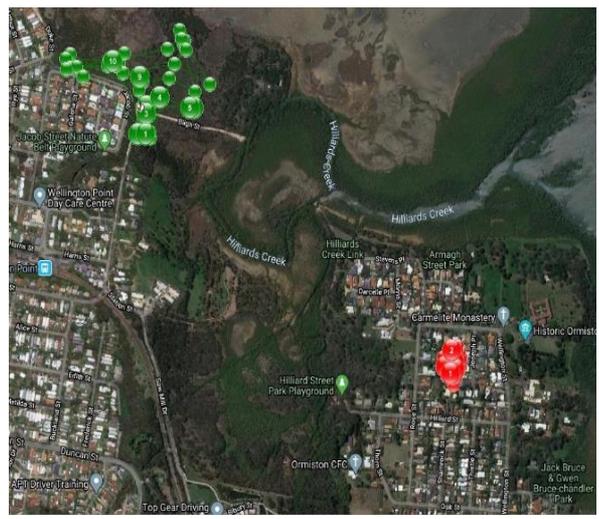
Bluetooth trial



Detection Drones & Dogs



Detection Dogs for Conservation



GPS Tracking



Genetic Mapping

# Reducing koala deaths through health checks and monitoring



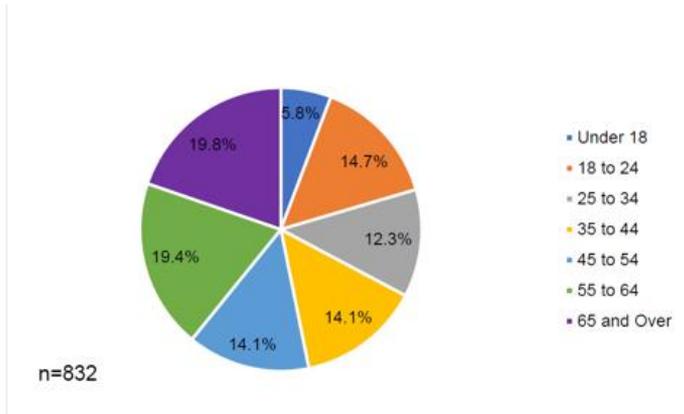
## Progress since April 2019

- 40 captured in total across all KSNs
- 15 females with joeys
- 53 veterinary examinations
- 28% diagnosed as sick or injured
- 13 hospitalised (6 released)
- 7 died (disease/train)
- 2 joeys sent to carers
- 12 currently monitored (28 to date)
- 70% recorded in house yards and more than half crossed roads at least once,
- no recorded car strike on monitored roads in KSNs
- 550 koala sightings over 16 months
- 116 additional scat samples (2018)
- 50 plus individuals identified within KSNs via genetic sampling



# How are we guiding the Community

90% of respondents believe koala conservation is shared responsibility between the council and community



Gender distribution 57.2% female 42.4% male

- ✓ 35% admitted the campaign message prompted them to behave differently
- ✓ 55 yrs and over significantly more likely to recall campaign
- ✓ Significant increase from baseline - people strongly agree that koala conservation is important, worthwhile, meaningful and enjoyable

- ✗ More work to do with younger generation – target 2020/21
- ✗ More education on what causes koala mortalities

## Koala Awareness Campaign

### Consistent key themes

- Dispersal
- Driver awareness
- Breeding season
- Secured pets
- Safe backyards

Increased recall  
from 30% in 2018 to **68%**  
in **2019**

 **38%**

Men were the target for 2019

Increased men's recall to **73.5%**

2018



Thanks to your safe driving



[redland.qld.gov.au/koala](http://redland.qld.gov.au/koala)

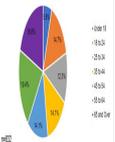
2019



*"Yes, I'm the bachelor in paradise."*

**How are we guiding the Community**

90% of respondents believe koala conservation is shared responsibility between the council and community



Gender distribution 73.2% female 42.4% male

- ✓ 35% admitted the campaign message prompted them to behave differently
- ✓ 55 yrs and over significantly more likely to recall campaign
- ✓ Significant increase from baseline - people strongly agree that koala conservation is important, worthwhile, meaningful and enjoyable

- ✗ More work to do with younger generation - target 2020/21
- ✗ More education on what causes koala mortalities



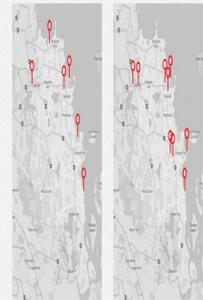
2020

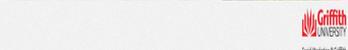
**It's true love**



How we are listening to the community

More than 500 face-to-face surveys per effort pre and post campaigns 2018/2019/2020





 because Kev keeps a koala friendly yard with escape poles.

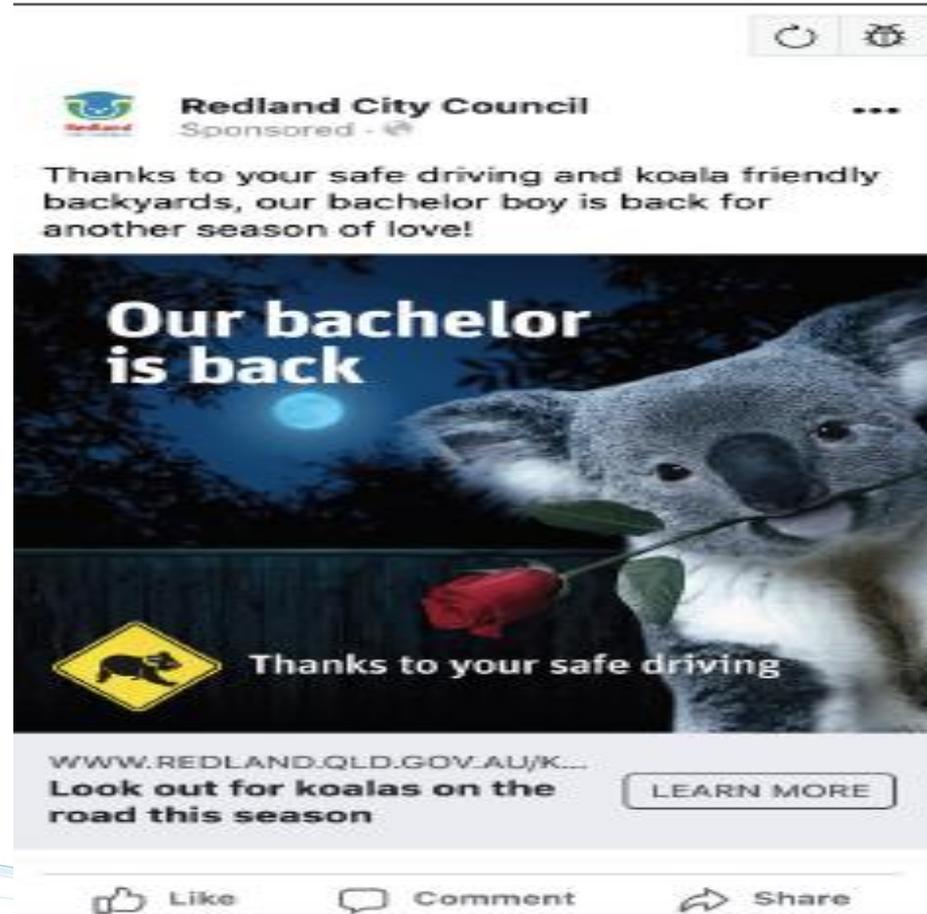
[redland.qld.gov.au/koala](http://redland.qld.gov.au/koala)

## Citywide community partnership

### Redlands Coast Koala Watch

- Community project to collect locational data and manage the incidence of disease more effectively through early intervention

*Vigilant and caring communities = healthier koala populations*



A screenshot of a Facebook post from Redland City Council. The post features a photograph of a koala holding a red rose against a night sky with a full moon. The text of the post reads: "Our bachelor is back" and "Thanks to your safe driving and koala friendly backyards, our bachelor boy is back for another season of love!". Below the photo is a yellow diamond-shaped road sign with a black silhouette of a koala. The post includes a link to "WWW.REDLAND.QLD.GOV.AU/K..." and a "LEARN MORE" button. At the bottom, there are icons for "Like", "Comment", and "Share".

Redland City Council  
Sponsored -

Thanks to your safe driving and koala friendly backyards, our bachelor boy is back for another season of love!

**Our bachelor is back**

Thanks to your safe driving

[WWW.REDLAND.QLD.GOV.AU/K...](http://WWW.REDLAND.QLD.GOV.AU/K...)  
**Look out for koalas on the road this season**

LEARN MORE

Like Comment Share

# Enhancing habitat & securing safe movement

## ✓ Priority considerations

- Wellington Street upgrade
- Kinross Underpass
- TMR/DES - genetic barrier roads
- QR - Cleveland Station; Birkdale fencing upgrade



**Our bachelorette:  
who will she meet?**



Mr Right



Mr Wrong



**Koalas move through properties. Let's keep our pets secure.**



[redland.qld.gov.au/koala](http://redland.qld.gov.au/koala)



## Young koalas are stepping out into the world

Look out for koalas on the road.

