



3 Biosphere Koala Collaboration Workshop II

18 November 2024

ART BY INDIDUST.COM CREATED ON [KABIKABI COUNTRY](http://KABIKABI.COUNTRY)



What's happening?

UPDATES FROM INDIVIDUAL GROUPS

3 Biosphere Koala Collaboration Workshop II



NOOSA COUNCIL



NOOSA LANDCARE



KOALA CRUSADERS



KOALA ACTION GYMPIE REGION



Koala ACTION INC.



WILDCARE



HINTERLAND BUSH LINKS



WILDLIFE NOOSA



SUNSHINE COAST ENVIRONMENT



3 Biosphere Koala Collaboration Workshop II



TMR ENVIRONMENT SUSTAINABILITY

OVERPASS
FENCING MAINTENANCE
UNDERPASS
\$5M RUNNING OUT
100KM = \$450/metre
STRIKES → POMONA

HIRING SIGNS
EXPENSIVE

ONGOING COSTS → NOT OUR CORE BUSINESS
MAINTENANCE \$\$\$\$

OFFSET PLANTING CHALLENGES
BE MORE STRATEGIC

REGISTER → EXPLORING OPPORTUNITIES

BMRG + GRANTS
150 Ha

NEW LIGHTING

Koala ON THE MOVE
Campaign

HARD TO FIND PAID STAFF

EARLIER PLANNING MAKING A DIFFERENCE

SPACE PUT ASIDE FOR DEVELOPMENT BEST FOR HABITAT!

ENGAGING LAND HOLDERS FURTHER NORTH

Koala CRUSADERS

BRING HOPE
BACK IN THE ROOM

EXPOSING AUSTRALIAN FORESTS

SUNSHINE COAST COUNCIL

WILDLIFE CONSERVATION
DETECTION DOGS
27x
100 Ha SITES
DATA FEEDING IN

GENETIC CORRIDORS CONNECTIVITY

SOCIAL MEDIA
CO-BENEFITS OTHER SPECIES

PLANTING

CITIZEN SCIENCE
QWILDLIFE

SIGNAGE

GYMPIE COUNCIL

KCMP REVIEW
LOCAL KNOWLEDGE

GYMPIE WILDLIFE UPGRADE HOTSPOTS

COMMUNITY GRANTS

LOCAL CAMPAIGN BREEDING SEASON

DRIVER AWARE
DOGS RESTRAINED

OLYMPICS → CAN DRIVE KOALA OUTCOMES

MEETINGS WITH GOVT.

PROVIDES CONTEMPORARY DATA
THREAT PRIORITY FUNDING

Koala RESEARCH

CENTRAL QLD → SAME PROBLEMS DIFFERENT PLACE

DETSI

PRESENTATION to come

YOUNG VOICES

STRATEGIC PRIVATE LAND

STACKING OF EXEMPTIONS

3 THREATS 6 PROJECTS \$1.3M

REALIGN OUR IDEAS

BUTCHULLA JJAa NARAWI RANGERS

LACK OF FUNDING SHOULDN'T STOP THE WORK!!

EVERYTHING IS CONNECTED

INVOLVE TRADITIONAL OWNERS + KNOWLEDGE

GAPS DUPLICATION

PERI-URBAN CONTEXT

WHERE IS THE REPRESENTATION?

GREEN INFRASTRUCTURE
→ LOW BUDGETS STRATEGIES CHANGE WITH GEOGRAPHY
→ WE ARE NOT PRIORITISING WILDLIFE

COLLABORATION
\$ FUNDING
BEHAVIOUR-CHANGE

Program Updates

HEALTHY LAND & WATER



HEALTHY LAND & WATER

KOALA PROGRAM UPDATE

1 SEQ KOALA

KOALA THREAT MANAGEMENT



2 RESTORE + RECONNECT

SEQ KOALA HABITAT



Detection Dogs for Conservation

UNI SC

DETECTION DOGS for CONSERVATION

UNI SC

2015 → INNOVATION to COLLECT ROBUST DATA SETS

4800
DOG
SURVEYS

1000
DRONE
SURVEYS

6000
KOALA
SKATS

RIGHT DATA = RIGHT DECISIONS

WE MISS A LOT OF KOALAS 

DIFFERENT PARTNERS + QUESTIONS

1
CONSISTENT
DATA
SET

How to
VACCINATE
WILD
KOALAS?

Why are
KOALAS
GETTING
SICK?

WHY

DATA TO ANSWER OUR IMPORTANT QUESTIONS



INNOVATIONS

1 DETECTION DOGS
Powerful Collaboration Partner

= 20x QUICKER
✓ 150% MORE ACCURATE

2 THERMAL IMAGING DRONES

- 100% SPECIFICITY
- 80% SENSITIVITY
- 100Ha PER NIGHT

3 NON-INVASIVE HEALTH ANALYSES

- ♂ ♀ KOALA GENETICS
- 🦠 PATHOGENS
- 🧬 HORMONES

POWER OF POOP!

VISIBILITY
♥ SAFETY
♥

4 SOLAR BLUETOOTH EAR-TAG + APP

- MONITORING TECH
- ACCESSIBLE LONG LIFE
- BEHAVIOUR CHANGE

PUBLIC AS GUARDIANS
INTERACTING WITH KOALAS AS INDIVIDUALS

MEET TOBY



Creative FUNDING ideas
PROSPECTUS
R R R R CROWD FUNDING



RCRISTES@USC.EDU.AU

GREAT SANDY BIOSPHERE



NOOSA BIOSPHERE



SUNSHINE COAST BIOSPHERE



Update on Koala Programs

DESI

DETSI UPDATE



✓ 35/46 ACTIONS COMPLETE
\$ \$31.3 MILLION OVER 4 YEARS
2024/25
\$8.4 m p/a ongoing

MAPPING
+
PROTECTION



327,912 Ha
• KOALA PRIORITY AREAS
- CONNECTED
- HIGH POTENTIAL

RECENT INVESTMENTS + ACHIEVEMENTS

\$5M
QLD TRUST
for
NATURE

\$4.2M
SEQ KOALA
THREAT
PROGRAM

\$1.2m
COMMUNITY
SUSTAINABILITY
GRANTS

\$500k
Koala Sighting
APP
- QWILDLIFE

\$1.2M
BREEDING
SEASON
CAMPAIGN
- Griffith

\$500K
KOALA
CHLAMYDIA
VACCINES
- UNI SCT
QUT

+
HABITAT
RESTORATION
ON STATE
OWNED
LAND

🎯
FIRST
NATIONS
KOALA
ACTION-PLAN

\$10.8M
SEQ WILDLIFE
HOSPITAL
NETWORK
- Wildlife
Carers Grants

\$115K
ROAD STRIKE
HOTSPOTS
to reduce
IMPACT

📖
TEACHER
PACKS
- KOALA
RESOURCES

+ MUCH
MORE TO
COME...

Discussion & Feedback

ALL PARTICIPANTS

DISCUSSION

BIG RESOURCE

BIG OPPORTUNITY

3x YEAR IS TOO OFTEN
- EVERY 6 MONTHS

ORGANIC OUTCOMES

PRESENT TO FUNDERS

WHAT OUTCOMES?

→ PROSPECTUS

→ MONITORING
(SHARE EFFECTIVENESS)

BIOSPHERE facilitates



BOTTOM-UP
GRASS-ROOTS

Shared Knowledge

Language

Stories

SHARING + CONNECTION

6
LAND + SEA
RANGERS

LINK UP WITH
LOCAL LANDTITLE
GROUPS TO BUILD
DATA

HOW TO KEEP IN CONTACT?

WHAT ARE THE MILESTONES?

SUB-GROUPS

NATURAL LEADERS

↳ INDIVIDUAL FUNDING for DATA

↳ RESTORATION

↳ FIRST NATIONS/TRADITIONAL KNOWLEDGE

GREAT SANDY BIOSPHERE



NOOSA BIOSPHERE



SUNSHINE COAST BIOSPHERE

