



# Capability Statement



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Adelaide • Brisbane • Coffs Harbour • Gold Coast • Newcastle • Rockhampton • Townsville

# Why Ecosure



## Industry Leaders

Ecosure is a multi-disciplinary environmental consultancy that leads the industry through innovation and excellence in environmental science. Our approach combines current best practice science and practical field application, with strong client relationships providing exceptional value in service.



## Brilliant People

Our strength is our people: we attract and grow the best. Our employees share our bold vision to preserve the world's natural brilliance and strive to deliver their most ground-breaking work as part of the Ecosure team.



## Solid History

From its humble beginnings on the Gold Coast more than 25 years ago, Ecosure now boasts a proven track record for excellence; supporting clients; advising government policy makers and delivering long term environmental solutions.

**“Our success is a credit to our talented people who don't just work at Ecosure; they are living their passion and purpose.”**



## Integrated Management Systems

Ecosure has a third party certified Quality, Safety and Environmental management system compliant with ISO 9001 (quality), AS 4801 (OHS) and ISO 14001 (environment) which streamlines business operations to ensure:

- Best practice project management
- Identification and management of risk
- Efficient resourcing and contingency plans
- Reduction in environmental impact
- Superior delivery of client service



## Strong Safety Culture

Project specific safety plans which include SOPs and SWMSs enable us to achieve efficient project delivery whilst meeting our “Zero Harm” goal.

# Project Achievements



**22 Years**  
leading collaborative  
programs for  
**Ibis population  
management**  
along the east coast  
of Australia



**Ecological  
restoration**  
across more than **250**  
high conservation  
value sites supporting a  
range of terrestrial and  
marine habitats



**915,000 hectares**  
of local government area  
mapped for wildlife critical  
corridors and 240,000  
hectares identified as  
critical corridors for  
wildlife movement



**Installation and  
establishment** of over  
**300,000** locally sourced  
tube stock for environmental  
offsets and **ecological  
restoration  
programs**



**19** Government agencies  
adopting our **highly  
regarded**, tailored  
approach to **flying-fox/  
community impact  
mitigation**



In excess of  
**20% staff**  
**>10 years**  
service



**Over 600 km**  
of proposed CSG pipeline  
**easements surveyed**  
for flora and/or fauna



**700 nest boxes**  
installed across  
NSW and QLD



**20 Years** of  
**wildlife  
management**  
at Gold Coast Airport



**20,000**  
**native fauna**  
relocated from mining, road  
and rail, solar and wind  
farm infrastructure  
developments

# Construction Services

Construction underpins our modern environments providing the infrastructure and buildings we all utilise. Construction projects are generally expensive, complex and impact the environment in some manner. Ecosure has been supporting constructors to identify, avoid and mitigate their environmental impacts for decades. Our expertise saves the constructor time and money and ensures the greater environment is protected. Our experienced team can provide:

## Construction environmental services

- Construction Environmental Management Plans
- Site environmental compliance and auditing
- Water, air and noise quality monitoring
- Sediment and erosion control plans
- Infrastructure Sustainability Council of Australia accredited personnel
- Environmental Site representative(s) - on-site environmental management
- Environmental input to detailed designs
- Environmental contract administration
- Environmental scoping of concept designs

## Developmental approvals & environment planning

- Impact assessment and referrals under state and federal legislation
- Preparation of Development Applications for local government
- Offsetting under federal, state and local offset policies
- Amendments of native vegetation maps



**“I received several reports of the team’s excellent effort in the field regarding the way members conducted themselves and capability.”**

H Wood, Arrow Energy

# GIS & Data Services

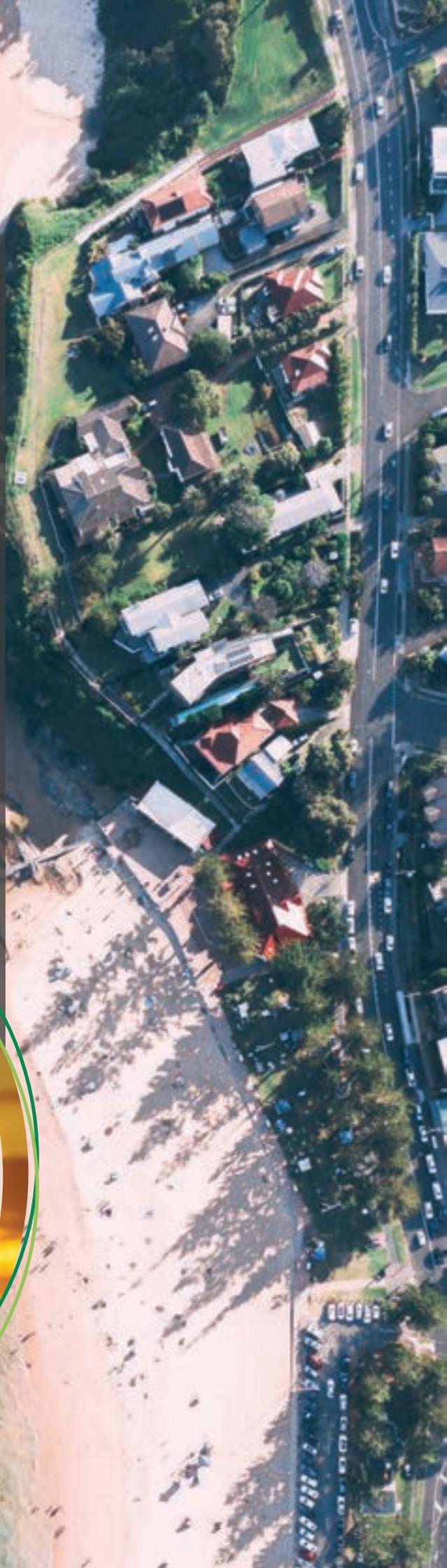
Is it accurate? Is it precise? In a world dominated by data only the best will do. Ecosure's GIS and data services team can support your project through the provision of:

## GIS analysis & mapping

- Application of conservation planning tools such as Zonation and Marxan
- Advanced spatial modelling and analysis
- Remote sensing applications (i.e. satellite, airborne, or UAV platforms)
- GIS and conservation planning training

## Data management

- Design, build & manage data sets & integrate with databases
- Custom designed data management software solutions
- Enhanced imaging & interactive mapping
- Data trending and analysis
- Multimedia data analysis, interpretation and reporting (real time maps, multimedia reports etc.)



# Rural Sector Services

For rural landholders navigating the legislation relevant to your property can be tricky. You want to make sure your property works for you and you are compliant with the relevant legislation to undertake the activities you want.

Ecosure's consultants have extensive rural experience with Queensland and New South Wales legislation. We have over 20 years' experience working in state, local and federal governments and understand the legislative goalposts change regularly. We can provide the relevant expertise to help you.

Services that Ecosure currently provides in the rural sector include:

- Clearing code assessments
- PMAVs
- Operational works – thinning
- Mobile mapping
- Protected plants (blue dots)
- Vegetation offsets
- Biosecurity plans
- Compliance services



# Ecological Restoration & Management

Combining the Society for Ecological Restoration Australasia principals and standards with passionate, committed, experienced and knowledgeable ecological restoration personnel; Ecosure is transforming expectations in relation to quality outcomes on restoration projects. Our team can provide a wide range of services including:

## Ecological restoration

- Large and small scale ecological restoration plans
- Threatened species and general biodiversity restoration
- Highly skilled and experienced bush regeneration teams
- Specialised equipment
- Habitat reconstruction
- Species translocation
- Revegetation and maintenance
- Aerial surveys
- Soil management
- Erosion control

## Weed management plans

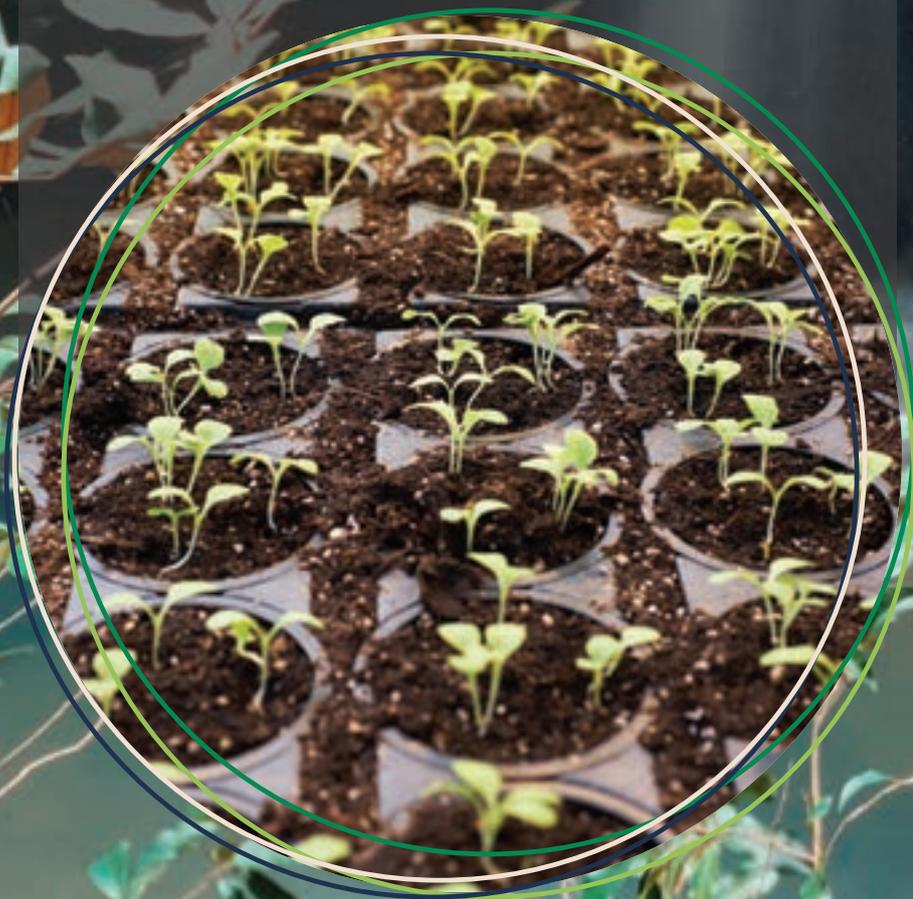
- Integrated weed management planning, control and maintenance programs including survey and mapping
- Biosecurity plans

## Bushfire ecology

- Bushfire risk assessment
- Bushfire management plans
- Advising on optimal burning regimes for ecological outcomes
- Site preparation for controlled burns

“

**“The practice of ecological restoration seeks to transform humanity’s role from one where we are the agents of degradation to one where we act as conservators and healers of indigenous ecosystems.”**  
(<http://www.seraustralasia.com/standards/home.html>).



# Terrestrial Ecology Services

**“All the staff I have dealt with whether it be in the field or over the phone have at all times been professional and very accommodating with all situations that have arisen over the time I have spent with them.”**

P Georgee, Ergon Energy

Australia has over 21,000 described plants with around 85% found nowhere else in the world. With twenty-three major vegetation groups and over 9,000 distinct vegetation types, each with varying compliments of native animals, our terrestrial ecology is complex. Ecosure's team of highly experienced ecologists can assist you in navigating this complex world providing:

- Flora and fauna surveys
- Vegetation community surveys and mapping
- Bio condition/biobanking assessments
- Long-term strategic biodiversity plans
- Offsets
- Vegetation clearing applications
- Protected plant surveys
- Carbon credits



# Fauna Spotter Catcher & Rescue Services

Pre-clearance surveys are conducted to identify animals inhabiting the area that will need relocation prior to clearing.

Services include:

- Pre-clearance fauna density reduction trapping programs
- Technical advice including clearing plans and selection of suitable relocation/offset sites
- Aquatic and terrestrial fauna spotter catching/ fauna rescue
- Tailored training courses to build our client's capacity for fauna spotter catcher activities
- Reporting, including compulsory government reporting
- Networks of wildlife veterinarians and carers

**“We understand the importance of meeting environmental obligations under legislation whilst delivering safe, timely, cost effective services to achieve project targets.”**



# Freshwater and Marine Services

Understanding the condition of rivers, lakes, creeks, wetlands, estuaries and the ocean is an essential component in supporting and maintaining natural systems and our quality of life. Essential infrastructure, agriculture, mining and development all have the potential to impact waterways and the ocean. These potential impacts need to be quantified, avoided and mitigated. Ecosure's freshwater and marine ecologists can provide:

- Water quality assessment and monitoring (surface and ground)
- Receiving environment monitoring programs
- Fish, turtle and mammal surveys
- Macroinvertebrate stream health assessments
- Aquatic ecology impact assessments
- Waterway and watercourse development assessments
- Marine and island ecological restoration works



# Management of Australian white ibis

Australian white ibis are native to Australia. With changes to inland river and wetland systems, the highly adaptive ibis is becoming less abundant across its inland range and more abundant in our cities. This change in distribution has led to conflict between people and ibis.

Mitigating this conflict whilst supporting a viable ibis population requires a science-based approach to ibis management.

Actively working in ibis management for more than 20 years Ecosure leads the industry in:

- Surveys and monitoring
- Management plans
- Facilitation of stakeholder groups
- including the Ibis Management Coordination Group (IMCG)
- Active management including dispersal, egg and nest removal and egg oiling

50+  
Aerial Sureys  
& Ibis Census



4 Ibis  
Tracking  
Studies



150,000+  
Eggs  
Removed



100+ IMCG  
Meetings Held



# Flying-Fox Management

Flying-foxes are one of the most important plant pollinators in Australia, often dispersing seeds over long distances. Their ecological role helps to maintain the viability of Australia's native forests. Flying-foxes congregate in very large numbers known as roosts or camps. When these camps are in close proximity to human populations there can be conflict.

Ecosure is the recognised industry leader in flying-fox management. We have been engaged in flying-fox monitoring, research and education for more than 20 years including with CSIRO, various state and local governments around Australia and elected members.

With extensive experience and proven results in flying-fox management, Ecosure services include:

- Roost assessment
- Risk and impact assessment
- Habitat modelling and GIS mapping
- Management plans
- Education and training
- Active dispersal of flying-fox camps
- Advice on long-term solutions to various government bodies

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**Industry leaders in flying-fox management with a 20 year proven track record in reducing community conflict.**

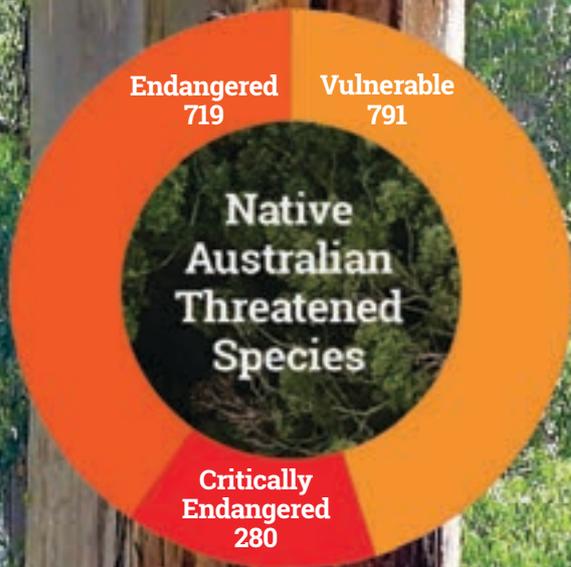


# Threatened Species Services

With over 1,700 plants and animals currently under threat in Australia locating and protecting threatened species is not only a Legislative obligation it's the right thing to do.

Experts in the location, identification and management of threatened species Ecosure services include:

- Translocations
- Monitoring
- Management and recovery plans
- Impact assessments
- Assessments of significance and referrals
- SAT surveys for koala



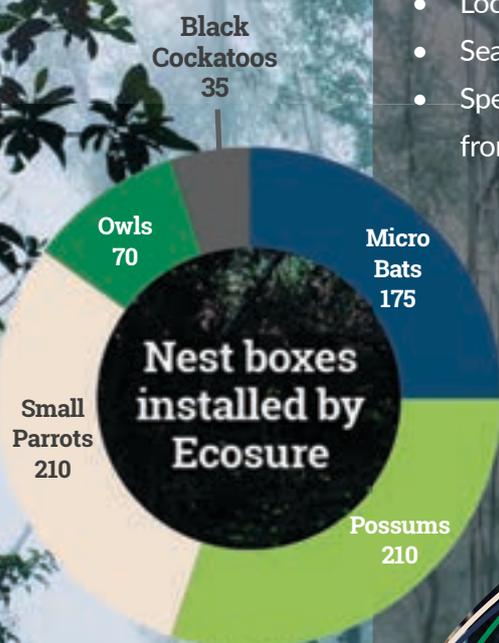
**“The koala contract is one of the more difficult contracts under the Threatened Species panel on the Woolgoolga to Ballina Project. Ecosure, continue to deliver a high level of service against this contract in a professional and cooperative manner.”**



# Wildlife Nesting Boxes

Many Australian animals require hollows for nesting. These hollows can take many decades to form naturally. Where habitat is lost, artificial nesting boxes provide a temporary solution until habitat recovery. Ecosure wildlife nesting box services include:

- Source
- Install
- Location mapping
- Seasonal monitoring programs
- Species and location specific design and construction from natural and recycled timber



# Invertebrate Ecology Services

**“Ecosure have demonstrated a genuine commitment to meeting client requirements.”**

C Mahoney, Coffey Environments

Invertebrates deliver a multitude of services and functions that support life as we know it and yet they're often maligned and considered little more than pests!

At Ecosure our invertebrate ecologists can readily demonstrate how insects can be allies rather than enemies on your project. Where any species has become problematic and dangerous (such as mud wasps blocking air speed indicators on aeroplanes) our capacity for innovative solutions will impress.

Our team can provide:

- Surveying insects as bio-indicators
- Research and advice on insects and aerospace industry
- Invertebrate sampling and assessment
- Biosecurity advice



# Vertebrate pest management

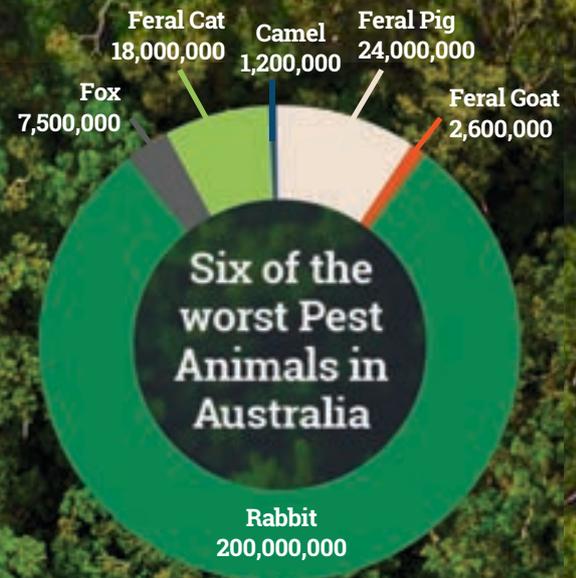
Pest animals are devastating Australia's fauna and flora. Feral cats and foxes prey on at least 350 native animal species, killings hundreds of millions of individuals each year. Herbivorous and omnivorous animals including feral goats, pigs, rabbits and camels degrade ecosystems and consume vast quantities of native vegetation. Ecosure measures, mitigates and minimises the impact that pests have on our native flora and fauna.

## Consulting services

- Vertebrate pest management plans
- Design of effective and ethical control programs

## Field solutions

- Surveys and monitoring
- Techniques including the use of conservation dogs and UAVs (drones)
- On ground control
- Baiting programs
- Trapping
- Shooting in rural, peri-urban and urban settings
- Chemical immobilisation (darting)
- Warren and den fumigation



# Ecosure's clients

## Resources, energy & environmental management

- Arrow Energy
- Augility
- Aurecon
- Bechtel
- Broadspectrum
- Conocco Phillips
- CS Energy
- Ergon Energy
- Glencore
- Optus
- Powerlink
- Rio Tinto
- Seqwater
- Seymour Whyte
- Sibelco
- Spotless
- Stanwell Corporation Ltd
- Queensland Alumina Ltd

## Infrastructure & Development

- Arcadis
- Bellequip
- CMC Group
- Doval Construction
- Earthtec
- Exact Civil Constructions
- FKG Group
- Fulton Hogan
- Georgiou
- GHD
- Goldings
- Hartecs
- Harrison Infrastructure Group
- Hazel Brothers
- Jacobs
- JM Kelly
- John Holland
- JRT Group
- Laing O'Rourke
- Lend Lease
- Roadtek
- WBHO

## Government & NRM Bodies

- Brisbane City Council
- Capricornia Catchments
- Central Highlands Regional Council
- City of Gold Coast
- Department Agriculture & Fisheries
- Department of Environment & Science
- Department of Defence
- Department of Natural Resources, Mines & Energy
- Department Transport & Main Roads
- Gladstone Regional Council
- Gympie Regional Council
- Healthy Land and Water
- Hinchinbrook Shire Council
- Ipswich City Council
- Isaac Regional Council
- Livingstone Shire Council
- Local Land Services
- Lockyer Valley Regional Council
- Logan City Council
- Moreton Bay Regional Council
- Noosa Shire Council
- Office of Environment & Heritage
- Queensland Rail
- Redlands City Council
- Roads & maritime Services
- Rockhampton Regional Council
- Sunshine Coast Council
- Townsville City Council
- Queensland Rail



# Quality is not an act, it's a habit created every day by our people.

Contact us today if you're ready to discuss securing the best outcomes for your projects.



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