

Environmental Levy Annual Report

2021–2022



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Acknowledgement of Country

Logan City Council acknowledges the Traditional Custodians of the land, pays respect to Elders past, present and emerging, and extends that respect to all Aboriginal and Torres Strait Islander peoples in the City of Logan.



The smoking ceremony is an ancient custom among Indigenous Australians and is believed to ward off bad spirits.

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Message from the Mayor

Logan City Council prides itself on the conservation of our natural environments and is committed to creating a green and sustainable city. Council's Corporate Plan 2021–2026 recognises the significant role our natural environment plays in supporting our community's green lifestyle.

We are proud to have 958 parks, 77,400 hectares of wildlife and ecological corridors, 2,633 hectares of wetlands and 2,177 kilometres of waterways throughout our city. Logan City Council has earned national recognition for our work towards maintaining and increasing our green cover to over 50%.

With a vision to create 'a green city full of pride, opportunity and culture', Council has prioritised the activation, community connection and enhancement of our rivers, waterways and habitat corridors and the species within them. We also recognise the value of our varied and thriving natural environment within our growing region is core to our identity, lifestyle, wellbeing and economy.

Logan City Council's Environmental Levy delivers on our commitment to a natural environment that is protected, enhanced, connected and celebrated in order to provide valued spaces for people, plants and animals now, and into the future. The Environmental Levy funds an incredible range of initiatives, services and projects that achieve positive environmental outcomes for our city.

Over the next four years, we are committed to building on the hard work our community and Council have undertaken to protect and improve our natural environment. We look forward to continuing to demonstrate leadership in the protection and enhancement of our natural environment.

I am proud to present the City of Logan Environmental Levy Annual Report which highlights our environmental achievements for the city during the 2021/2022 financial year.

Mayor Darren Power

City of Logan



Message from the Planning, Economic Development and Environment Committee Chair

This Environmental Levy Annual Report 2021/2022 provides an opportunity to reflect on our environmental achievements across the City of Logan and diverse range of natural ecosystems and species it supports.

From where the water meets the land along our waterways, to the wetlands, bushlands and parks, Logan's natural environment provides a home for a range of animals and plants. It also contributes to the character of the city, holds cultural heritage values and creates recreational opportunities for our community.

Funds from the Environmental Levy contribute towards Council's ability to deliver a diverse range of initiatives for our environment and community. These initiatives reflect and recognise that a varied and thriving natural environment is core to our identity, lifestyle, wellbeing and economy, now and into the future.

Over the 2021/2022 financial year we saw our commitment to protecting, enhancing, connecting and celebrating Logan's natural environment achieved through several environmental projects, partnerships and services. These include:

- Protecting and enhancing our waterways and wetlands with the revegetation of riparian areas
- Creating a city that is resilient to a variable and changing climate through the Climate Change Resilience Strategy 2021–2031
- Ensuring our biodiversity and wildlife corridors are connected, conserved and rehabilitated by creating offset planting sites, ongoing maintenance activities, and purchasing ecological significant land
- Partnering with private landholders to restore and enhance the natural environment on their property
- Connecting and celebrating nature with our community through events, activities and our EnviroGrants program.

This annual report displays Council's continual commitment to the forward-thinking conservation of our city's environment that will support the needs and aspirations of our community now and in the future.

Cr Jon Raven

Chair of the Planning, Economic Development and Environment Committee



Environmental Levy Financial Snapshot



Logan Eco Action Festival

2021/2022 Income:

- \$ 9,822,844 from Environmental Levy rates charge less discounts and remissions
- \$ 112,904 from other Income.

2021/2022 Expenditure:

Acquisition and Management of Ecologically Significant Land

\$5,187,290 included:

- \$455,082 for land acquisitions
- \$3,922,035 on bushland maintenance and BushCare
- \$279,923 on aquatic and environmental weed control
- \$530,250 on environmental park infrastructure enhancements.

Community Engagement, Community Support and Environmental Education Services

\$1,837,171 included:

- \$1,506,743 on the Environmental Conservation Partnerships, World Environment Day Poster competition, Logan Animal Ambulance and environmental programs, events and activities
- \$223,732 for environmental grants to the community
- \$106,696 Logan Eco Action Festival (LEAF)

Connecting Landscapes, River Recovery, Nature Conservation and Climate Change Services

\$3,520,850 included the actions working towards the Logan River vision, the Albert River vision, Logan rivers and wetlands recovery, Riverine Discovery Centre, Koala conservation, Slacks and Scrubby Creek recovery, flying-fox management, waterbody asset management and carbon and energy management.

2021/2022 Income



\$9,822,844 from Environmental Levy rates charge less discounts and remissions.



\$112,904 from other income.

2021/2022 Expenditure

Management of Ecologically Significant Land

\$4,732,208



Connecting Landscapes, River Recovery, Nature Conservation and Climate Change Services

\$3,520,850



Land Acquisition

\$455,082

Community Engagement, Community Support and Environmental Education Services

\$1,837,171



Total Reserve Balance
\$4,388,895 as at 30 June 2022

City of Logan – Naturally Green

Logan City Council's Environmental Levy funds are generated and managed in accordance with Council's adopted Environmental Levy policy and support the delivery of Council's corporate environmental priorities and services:

Corporate Plan 2021–2026 focus area 3 – Environment

The value of our varied and thriving natural environment is core to our identity, lifestyle, wellbeing and economy. We will prioritise activation, community connection and enhancement of our rivers, waterways and habitat corridors and the wildlife within them. We will consider the environment holistically and consider impacts broadly in terms of sustainable development, climate and resource recovery.

Environmental Levy funds are allocated to acquire land, fund capital investment and operational costs (including employee costs) to deliver services, projects and initiatives across 3 key themes.

1. Acquisition and Management of Ecologically Significant Land

2. Community Engagement, Community Support and Environmental Education

3. Connecting Landscapes, River Recovery, Nature Conservation and Climate Change



Acquisition and Management of Ecologically Significant Land

Corporate plan priority 3.2 – Enhance our urban forest, wildlife corridor network and environmentally significant bushland areas.

The Environmental Levy provides significant investment towards the acquisition and maintenance of ecologically significant land within the City of Logan to:

- protect, preserve and enhance our natural environment
- expand and protect Council's ecological corridors
- provide and enhance habitat for native plants and animals
- build community capacity and facilitate involvement and understanding of our natural environment.

In the 2021/2022 financial year, we invested \$5,187,290 in the protection, enhancement, management and acquisition of ecologically significant land across our city.

- Two ecologically significant properties were purchased in 2021/2022. The first being in Greenbank, at a total of 27.4 hectares, the property will protect koala habitat, add to the Flinders Karawatha Corridor and help to improve the ecological and waterway values of Oxley Creek. The second was in Slacks Creek, which was partly funded by the Environmental Levy as part of the Slacks Creek Recovery Plan. It flanks Slacks Creek and will ensure further wildlife connections through this important corridor.
- Two properties in Cornubia were gifted to Council adjoining Hideaway Mountain Bushland Reserve.
- Operational maintenance of Council's 540 environmentally significant parks and natural areas (5,432.06 hectares) which included proactive priority maintenance of the top 154 reserves, with:
 - operational maintenance including weed control, rubbish removal and pathway/trails maintenance across the estate of environmentally significant parks and natural areas.
- Delivery of the City of Logan BushCare program, which has 12 registered BushCare groups and 2 TrailCare groups across the city, with a total of 238 active registered volunteers across both programs. During 2021/2022:
 - 97 new volunteers joined these programs which is the largest intake of new volunteers recorded since the programs started.
 - Approximately 656 volunteer hours of work was undertaken by Parks volunteers with key activities being: tree planting, weed removal, erosion control and trail maintenance.
 - National Tree Day event was postponed until 5 September 2021 due to a COVID-19 lockdown. The event was held at Dorset Park (Rosedale South) with 35 volunteers planting 1,500 trees.
 - The annual BushCare's Big Day Out planting was held on 25 September 2021 at Mundoolun Park (Mundoolun). 1,500 trees were planted as part of the wetland restoration project by 51 volunteers.
 - 600 native plants were planted at Tallowood Park (Springwood) to improve the aesthetics and environmental outcomes for the site.
- Areas of environmental significance were identified as requiring works to prevent unauthorised activities and illegal dumping. This was achieved through the installation of fencing and bollards in various parks and reserves including: Spring Mountain Forest Park (Greenbank), Swanborough Reserve (Logan Village), Birnam Range Reserve (Jimboomba) and Bluff Parkway (Cedar Vale).
- Mountain bike trail head directional signage was developed and installed throughout Spring Mountain Forest Park mountain bike trail network.

- Two Skilling Queenslanders for Work (SQW) projects in bushland parks were delivered across the city. SQW projects assist young people in getting job ready and contributes to ecological outcomes within the city's parks. Council was able to support more groups during 2021/2022, enhancing our support to the Logan community to recover from the financial impacts of the pandemic. The projects were:
 - › Western Corridor Koala Habitat Enhancement Project-Belong – 2 X 5 months
 - › Reducing Edge Effects – River Visions & Offset Enhancement Project-Reclink – 5 months
- Mechanical harvesting of Salvinia from Cornubia Nature Reserve (Cornubia).
- 202 environmental weed treatments across Council parks throughout the city.
- Water spinach removal from Loganlea.
- Singapore Daisy treatments along the Pacific Highway Service Road, Slacks Creek.
- Cat's Claw Vine treatments at Scottdale Park (North MacLean).

Future is greener with more land

Logan City Council has purchased a 27.4 hectare bushland property on Tully Road at Greenbank to be conserved as an environmental park.

Situated between Tully Reserve and Spring Mountain Forest Park South, which was also recently secured for conservation, the latest property has significant stands of healthy native vegetation and wildlife sightings have been recorded.

Koalas, the barred-cuckoo shrike, wedge-tailed eagles and greater gliders have been spotted on, or near, the property.

In the future, the property will enable the expansion of recreational trails in the area, providing residents with another way to appreciate and enjoy our bushland.



School BushCare program

Volunteering has been active in Logan City since 1998, with the initial BushCare movement expanding to include the TrailCare program for Logan's trail network. This year, approximately 656 volunteer hours of work was undertaken by Parks volunteers with key activities being: tree planting, weed removal, erosion control and trail maintenance.

With several schools are participating in the BushCare program, it is wonderful to see these skills being transferred to the youth of Logan. St Matthews Catholic Primary school have created a student BushCare group who have shown great enthusiasm and have been key in completing various BushCare plantings within their school grounds and in a neighbouring park.

Below: St Matthews Catholic Primary School BushCare Group



540

environmentally significant parks and areas included in Councils annual operational maintenance



259 inspections

resulting in **40** treatments to control aquatic and environmental weeds as part of waterbody management



14 registered groups taking part in the City of Logan BushCare and TrailCare programs



Planting of **12,042** native plants through volunteer programs

Community Engagement,

Community Support and

Environmental Education

Corporate plan priority 3.4 – Support the community to become more sustainable and conserve and restore private land.

Council is committed to facilitating and supporting planning, education and capacity building to protect and enhance the natural environment across the city (e.g. corridors, biodiversity, ecosystems, wildlife).

In the 2021/2022 financial year Council invested \$1,837,171 in boosting the local community's engagement with the City of Logan's natural environment through conservation partnerships, environmental education, environmental grants and rescuing injured wildlife.

- Delivery of a range of environmental events and activities including:
 - › Logan Eco Forum series was successfully delivered across the month of June. The series included the opening of the forum at the Logan Eco Action Festival (LEAF) with Costa, Family Adventure Day, online Regenerating Australia documentary screening with a panel discussion and Eco Community Celebration. Over 700 community members attended the four events across the City.
 - › The Logan Eco Survey was successfully launched during the Logan Eco Forum series with over 370 responses.
 - › The very successful LEAF was held at Griffith University's Logan campus (Meadowbrook) on 5 June 2022 with approximately 6,000 attendees.
 - › Logan Eco Awards were successfully delivered with 7 recipients receiving their award at the Logan Eco Forum celebration event.
 - › 52 environmental workshops and citizen science activities were delivered to 3,932 members of the community including Platypus surveys, Glossy black-cockatoo identification training, Cane toad education and trapping, Bioblitz surveys, and Fire Management Information and Property Fire Management training.
- Environmental grants were provided, with more than \$197,000 distributed to the community for:
 - › environmental projects, research, education, partnerships and to wildlife carers.
- Environmental Conservation Partnerships – 799 properties in total are registered in the program, resulting in 6,170 hectares of habitat and 195 kilometres of waterway being managed for conservation.
 - › 431 properties are registered in the City of Logan Land for Wildlife (LfW) program, with 54 new properties joining the program in 2021/2022 equating to 402 hectares of additional habitat managed for conservation.
 - › 22 properties have Voluntary Conservation Agreements to help improve high quality habitat.
 - › 5 properties have Voluntary Restoration Agreements which will help to revegetate stretches of the waterways in the city.
 - › 368 properties are registered in the City of Logan Habitat Connections program, with 188 new properties joining the program in 2021/2022.
 - › 26,085 native plants and a range of land management supplies were distributed to private landholders, including 16,342 plants as part of the Trees for Recovery program to help support local waterway recovery after the 2022 floods.
 - › \$39,000 of grants were distributed to landholders through Voluntary Conservation Agreements and Voluntary Restoration Agreements which cover 136 ha of vegetation across the city.
- The Logan and Albert River Trees Program provided 1,420 plants to landholders, which resulted in approximately 1 hectare of waterway habitat restoration.



- The Council of Mayors (SEQ) Resilient Rivers Initiative delivered weed management to 4 properties on the Logan River within the City of Logan.
- The World Environment Day School Poster Competition attracted more than 856 students across 15 primary schools and home schools.
- The Oxley Creek landholder engagement project entered phase 2, with 13 new partnerships. On-ground weed management and tree planting were delivered along 30 kilometres of Oxley Creek to support landholders in restoring, maintaining and conserving the natural values of this area.
- The Wildlife Sightings Database received the following submissions from the community:
 - › 162 community wildlife sightings were received via Council's online wildlife sightings form, including koalas (vulnerable), swamp tea-tree (endangered) and powerful owl (vulnerable).
 - › 3,598 plant and wildlife sightings were received via Council's Logan iNaturalist project, including koalas (vulnerable), greater glider (vulnerable), *Macadamia integrifolia* (vulnerable), *Rhodamnia rubescens* (critically endangered), yellow-bellied gliders (near threatened), tusked frog (vulnerable), *Coleus habrophyllus* (endangered) and glossy black-cockatoo (vulnerable).
- Logan Animal Ambulance conducted 3,136 wildlife rescues during 2021/2022, with:
 - › the top 3 types of wildlife rescued being, birds (2,520), possums (467) and macropods (131) i.e. wallabies and kangaroos.
 - › other wildlife rescued included gliders (22), lizards (108), koalas (32), turtles (54), flying-foxes (55), snakes (32), echidnas (16), frogs (41), and one powerful owl.
- Tree age testing was conducted on 3 significant trees during 2021/2022 and the results:
 - › A Queensland blue gum (*Eucalyptus tereticornis*) at (Spearwood Park, Glenlogan). This is the second largest tree to be age tested since this project started, with a trunk diameter of 2.11 metres and estimated to be 359 years old.
 - › A white mahogany (*Eucalyptus carnea*) in Priestdale with a trunk diameter of 1.46 metres. This was the largest tree of this particular species the arborist had ever seen and estimated to be 270 years old.
 - › A Queensland blue gum (*Eucalyptus tereticornis*) in Mt Warren Park with a trunk diameter of 1.62 metres and estimated to be 266 years old.

Free trees for waterway recovery

During 2022 Logan experienced some of the worst flooding our community has seen since the 1974 flood events. This also saw an incredible impact to our natural environment along our waterways. Council was able to offer free trees to the landholders along our waterways to help stabilise and restore eroded waterway banks. This was funded by Queensland and Australian flood funding and supported by the Environmental Levy.

The Trees for Recovery program was initiated and landholders that are part of the Environmental Conservation Partnerships program were eligible for up to 1,000 free trees. Over a three-month period, 16,432 plants were provided to 32 properties to help begin local waterway recovery.



Environment celebrated at annual Logan Eco Forum

In 2021, Council undertook a review of the Logan Eco Forum to ensure our engagement activities meet community expectations and provide a range of options for our diverse community to connect on environmental matters.

2022 saw the Eco Forum delivered in its new format to over 700 community members throughout the month of June with activities for all ages. Launched at LEAF with an engaging discussion by Costa around connecting with nature throughout our city, this continued with a Family Adventure Day at Berrinba Wetlands (Berrinba), with workshops and activities that had the whole family engaged.

One of the final two events saw Damon Gameau, Dr Michelle Maloney and Tony Sharp provide their knowledge and insight as part of a panel discussion during an online screening of Regenerating Australia. The Eco Forum concluded with experiences shared by speakers, including Professor Hugh Possingham and Tim Silverwood, and the acknowledgement of the EnviroGrant and Eco Award winners at the Eco Community Celebration.



Tree Age Testing

The discovery of 'Gandalf', Logan's largest tree with a 2.38 m Diameter at Breast Height (DBH), initiated the tree age testing project in 2019. Since then, we've had 29 veteran trees age tested with more than half estimated to be over 250 years old. Some of the more notable trees are listed below.

SUBURB	SPECIES	AGE (YEARS)	DBH (M)	HEIGHT (M)
Mundoolun	<i>Corymbia citriodora</i>	259	148.3	31
Mundoolun	<i>Eucalyptus fibrosa</i>	282	149	31
Meadowbrook	<i>Lophostemon confertus</i>	290	145	16
Shailer Park	<i>Eucalyptus pilularis</i>	290	189.5	43
Belivah	<i>Eucalyptus tereticornis</i>	301	173	30
Cedar Grove	<i>Eucalyptus tereticornis</i>	317	208	35
Greenbank	<i>Eucalyptus microcorys</i>	320	189	31
North Maclean	<i>Eucalyptus tereticornis</i>	378	238.5	34
Greenbank	<i>Eucalyptus tereticornis</i>	412	206	38

The data collected is extremely useful for Council and the community as it allows us to have accurate records of the veteran trees in Logan, we can use records to inform environmental planning decisions and educate the community on the important role veteran trees play in a healthy ecosystem.

Statistically, we have also been able to calculate the average DBH growth rate for a species and can now estimate the age of trees based on the DBH measurement. This has come from testing eleven *Eucalyptus tereticornis* and averaging the data to find a growth rate of 0.633 cm per year.

Many of the trees that have been age tested were nominated by the community after they saw the story on Gandalf. If it weren't for this project, we'd have no idea these trees even existed!



6,170 hectares of habitat managed for conservation through Environmental Conservation Partnerships



3,136 wildlife rescues performed by the Logan Animal Ambulance



799 properties registered in Environmental Conservation Partnerships



26,085 free native plants provided to the community through various conservation partnerships

Connecting Landscapes, River

Recovery, Nature Conservation

and Climate Change

Corporate plan priority 3.1 – Manage, maintain, and improve the ecological health and activation of our rivers and waterways

The Environmental Levy funds the development and implementation of Council's environmental plans, visions and strategies to provide strategic protection and enhancement of our natural environment.

In the 2021/2022 financial year Council invested \$3,520,850 to improve waterways and koala habitat, implement priority species management actions and deliver carbon and energy management actions. This included the following projects:

- The Feasibility Report for the Riverine Discovery Centre was delivered, and a cultural heritage assessment undertaken.
- 3 Canoe access concept designs developed for Lions Riverside Park (Riverbend), ANZAC Park (Logan Village) and Wendt Park (Chambers Flat).
- Concept and detailed designs developed for the provision of a recreational viewing access boardwalk and fishing platform including bank stabilisation and salt marsh rehabilitation works at Riedel Park (Carbrook).
- Waterway and biodiversity corridor plantings included:
 - › 4,570 native plants planted at 4 riverside parks, working towards our Albert and Logan River Visions.
 - › 970 native plants planted at Riverdale Park (Meadowbrook) and Doug Larsen Park (Beenleigh) water bodies to reduce run off and improve the health of the waterbodies
 - › 7,550 native plants planted at Riverdale Park (Meadowbrook) and Moss Park (Slacks Creek), as part of Council's Slacks creek Recovery projects.
 - › 2,125 native plants planted at Greenwood Lakes (Forestdale), New Beith Park (New Beith) and Spring Mountain Reserve (Greenbank), as part of Council's Oxley Creek Recovery Project.
 - › 100 native plants planted along a tributary of Scrubby creek to work towards Council's Scrubby Creek Recovery Plan.
 - › 63 plants of rare and threatened species were included in Council's rehabilitation projects.
- Waterway litter clean-ups included:
 - › 9 kilometres stretch of Slacks Creek from its upper limits in Concourse Park (Underwood) to Meakin Park (Slacks Creek). A total of 2,194 items were collected. The top 3 items collected were plastics pieces (68%), plastic bottles (8%) and cans (7%).
 - › A 4.3 kilometres stretch of Scrubby Creek from where the waterway intersects with Waller Road and through Grosvenor Park (Browns Plains), and also from Third Avenue to Marsden Library. There were 1,762 items collected in total. The top 3 items collected were plastics pieces (63%), plastic bottles (7.2%) and cans (6.8%).
 - › A monthly clean-up of floating and bank bound litter from Riedel Park (Carbrook), upstream to Anzac Avenue Bridge (Logan Village). Approximately 9,572 items of waterway litter were collected. The top 3 items collected were plastic items (25% – plastic pieces and bags), food wraps (22%), followed by polystyrene foam (20%).
 - › Larger waste items, both historical and resulting from the 2022 floods, were collected from approximately 30 kilometres of the Logan River, from its mouth to Larry Storey Park (Waterford), and approximately 10 kilometres along the Albert River from its mouth to where it intersects with the M1 at Yatala. A total of 13,360 kilograms was collected, of which 90% were plastics.



- The Fishers for Fish Habitat on the Logan and Albert Rivers project continued. This project is supported by Logan City Council, Healthy Land and Water and OzFish Unlimited through co-funding from the Australian Government's National Landcare Program. The \$300,000, 3 year grant, awarded in 2020, focusses on 2 main objectives – the on-ground rehabilitation, fish habitat restoration and fish barrier removal; and fisher engagement in helping to look after our local rivers. 550 native plants were planted on the Logan River as part of this project
- Promotion of sustainable fishing throughout the City of Logan continued through the Fishing in Logan webpage. The four tackle bins located at Logan River Parklands (Eagleby), Skinners Park (Carbrook), Tygum Lagoon (Waterford) and Albert River Park (Eagleby), continue to be emptied and audited monthly. More than 11.5 kilometres of fishing line, 215 pieces of tackle, 430 plastic bags and 86 lures have been collected.
- Continued promotion of the Logan and Albert Rivers Canoe and Kayak Trail. Works included:
 - › Continued updates to and promotion of the interactive trail map app (Naeus)
 - › 7 Canoe and kayak come and try events held
- The design and installation of interpretive art seats for the Logan River Trail continued with an installation at Alexander Clark Park (Loganholme).
- Maintenance of virtual fences for wildlife vehicle collision mitigation occurred along Park Ridge Road, Park Ridge, Cusack Lane, Jimboomba and Rosia Road, Park Ridge. Corflute wildlife movement awareness signs were temporarily installed at several locations, focusing on koala and kangaroo movement. Koala breeding season awareness banners were rotated across several koala road kill hotspots, between August 2021 – January 2022.
- In-stream water quality monitoring continued at 2 sites on the Logan River.
- Priority species actions included:
 - › koala education campaign and workshops, including koala breeding season top 5 tips video and koala glovebox card
 - › Creating a Saving Logan's Gliding Mammals Landholder Guide (which included information on threatened gliders) and monitoring of 20 greater glider nest boxes in Council parks
 - › Further analysis acoustic recordings for threatened frog species undertaken
 - › Two glossy black-cockatoo Identification workshops
 - › Twenty-eight birdwing butterfly vines were planted across Cornubia Nature Reserve (Cornubia) and Alexander and Willman Parks (Belivah)
 - › Platypus eDNA surveys were undertaken at 11 locations and fish eDNA surveys at 4 locations along the Albert River
 - › PlatypusWatch citizen science survey events were held throughout the year with 22 sites surveyed and 129 volunteer hours from 43 people contributing to the sighting of 2 platypus along Albert River
 - › For *Gossia gonoclada*, a three-year collaborative research agreement was signed by Logan City Council and the University of Queensland, to support research into developing a cryopreservation technique for this critically endangered species. Due to the 2022 floods, planting of new *Gossia gonoclada* stock has been postponed until 2023.

Corporate plan priority 3.6 – Continue to implement sustainability initiatives including increased use of renewable energy, energy efficient technology and carbon reduction projects

- A 200 kilowatt solar PV system was installed on the roof of the Council Administration Centre at Logan Central. It's estimated that this system will save \$38,400 in electricity costs and 250 tonnes in CO2 emissions annually.
- A 13 kilowatt lithium-ion battery was installed at Council's Marsden Depot. It stores solar power generated during the day and then uses it to power the workshop overnight, powering equipment such as security lighting, refrigeration and devices on standby power. The battery is providing lessons for potential future use of this technology at other Council facilities.
- Council's annual Organisational Emissions Profile Report was developed covering the previous financial year. The monitoring of Council's carbon emissions allows Council to understand how its carbon footprint is changing over time and provides learnings on the pathway towards achieving Council's 2022 carbon neutrality target.
- The Logan City Council Green Building Guide was developed and endorsed by the Executive Leadership Team. This document will help to ensure that sustainability principles are incorporated into new buildings and where feasible into existing buildings when they are due for refurbishments.
- Logan City Council led the development and operation of the South East Queensland Climate Resilience Alliance, which saw the group of ten Councils work together to create a regional alliance with the aim of accelerating climate action at a scale and pace beyond what individual Councils can achieve.
- The Climate Change Resilience Strategy 2021–2031 was adopted by Council.



Solar panels on top of Logan City Council Administration Centre building.

Two new strategies to work towards a green and sustainable city

The 2021/2022 financial year saw two important strategies endorsed by Council, the Natural Environment Strategy and Climate Change Resilience Strategy. Spanning over 10 years, from 2021-2031, these strategies outline the direction and steps for Council to take to ensure we reach our vision of being a green and sustainable city.

The Natural Environment Strategy has created a vision and plan for how we will work with the community to protect, enhance, connect and celebrate our natural environment. Development of the strategy included extensive consultation with internal staff and was timed to align with Council's Community Vision and 2021-2026 Corporate Plan development to ensure it would directly respond to community concerns. The high priority the community places on having a healthy natural environment was a key driver of the development of this strategy.

The Climate Change Resilience Strategy has framed a road map for our city towards building resilience in response to the effects of a changing and variable climate. It supports Council's commitment to achieving carbon neutrality for Council's operations by the end of 2022 and ensures that any action we take will positively affect our city into the future. More directly, it outlines the long-term planning to address and understand the impacts of climate change in partnership with the community.

Water health programs clear rubbish from rivers

Logan City Council is supporting three vital programs to improve the health of local waterways. These include:

- This year marked 20 years that Council has been working with Healthy Land and Water to reduce floating litter entering Moreton Bay through a monthly clean up of the Logan River.
- Partnering with social enterprise Substation 33 to have clean-up crews collect rubbish along Slacks and Scrubby creeks. Once the items are collected from the water and riverbanks, the collection data is recorded.
- Funding towards a volunteer-driven river clean-up program by Brisbane-based Ocean Crusaders. The program assisted flood recovery efforts by collecting larger items that were washed into the Logan and Albert rivers during the severe weather in February and March.

These initiatives and programs have done a remarkable job in helping restore the health of our local waterways.



14,345

native plants planted along waterways



26,888

pieces of rubbish collected from Slacks Creek, Scrubby Creek and Logan River



11.5

kilometres of fishing line collected through Councils sustainable fishing initiatives



Councils carbon emissions reduced by an additional

250 tonnes of CO2 per year and

\$38,400 saving.



Logan City Council

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