

TOOWOOMBA GREEN.IS







Message from the Mayor

It gives me great pleasure to present Toowoomba Regional Council's Green Infrastructure Strategy. Green infrastructure is integral to all we do and who we are in the Toowoomba Region. It weaves together a rich and diverse tapestry of landscapes that underpin our thriving communities and vibrant economies. From Toowoomba City's iconic street trees and 'garden city' image to the rich and fertile landscapes of the Darling Downs food production area, our economy and lifestyle depend on living assets and systems.

'Green infrastructure' includes parks, vegetation and habitat corridors, farmlands, urban creeks and even green walls on buildings. This network of diverse natural assets are part of a great living system that makes life in our region healthier and more enjoyable.

As the Region grows and takes shape, green infrastructure continues to provide essential services for communities and landscapes through increased resilience against natural disasters, addressing climate challenges, cleaning the air and water and providing habitat for native flora and fauna. Importantly, increasing the amount of green in the places where we live also improves our physical and mental health and wellbeing.

Green infrastructure can and should be planned, delivered, managed and assigned a value, much the same as we do with 'hard' infrastructure networks, like road networks and utilities.

Developing a strategy around living assets is unique and challenging. It is a bold ambition. This strategy is innovative and positions the Toowoomba Region as a leader in Green Infrastructure planning and delivery.

Council has an important role to play in delivering this strategy, but its success will best be achieved through partnering with the community and organisations who work in our Region to celebrate and build-on our rich tradition of green places and spaces.

The Green Infrastructure Strategy will ensure that embracing the liveability and sustainability of the Region, by preserving, enhancing and expanding our green infrastructure networks will be at the core of every decision we make and every action we take.

Paul Antonio *Mayor*

Executive summary

Toowoomba's Green.IS

The Toowoomba Region is a tapestry of natural assets spreading from the Great Dividing Range into the Darling Downs. Across these diverse landscapes, green infrastructure underpins the local identity, from the famous gardens in the city and the iconic trees that line suburban streets, to the fertile agricultural plains and bushland parks.

This strategy sets out a new approach that recognises the value of nature in shaping who we are and how infrastructure is planned and delivered to respond to this. The varied urban and rural landscapes across the Region offer a range of opportunities to shape, preserve and create a network of green infrastructure that will support our communities and enrich our environment in a changing climate.

Our vision

A rich tapestry of green and healthy landscapes that support thriving communities and a vibrant economy, where nature is valued, embedded and enriched at every opportunity.





Objectives

Our Green Infrastructure Strategy will deliver four key objectives:



Enrich natural systems



Support healthy communities





Actions and Implementation

Our Region's green infrastructure is already valued so we aren't starting from scratch - but there is so much more potential to unlock. To continue to improve and become a leader in green infrastructure, we acknowledge that change needs to occur on-ground but also in our plans and actions. Council will be taking a comprehensive approach to green infrastructure planning and delivery across four focus areas for change:

- 1. Policy and delivery tools to set direction and drive decisions
- 2. Demonstration projects to trial new ideas in different locations and build confidence
- 3. Advocacy and education to show leadership, raise awareness and empower others
- 4. Skills and knowledge to build further capability in delivery of green infrastructure





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The role of this document

Its purpose

Toowoomba's Green Infrastructure Strategy (Green.IS) sets the direction and initial actions to support a step change in how green infrastructure is valued, protected and enhanced across the Toowoomba Region so that it becomes business as usual in the near future.

The purpose is not to set measurable targets at this time, but to lay the foundation for the future development of meaningful objectives based on a strong understanding of Toowoomba's existing green infrastructure.

It recognises that the vast tapestry of living assets across Toowoomba's rural, urban and natural areas are a key element of the Region's character and identity. It also provides a framework for working together, because green infrastructure occurs on both private and public land and is part of other infrastructure networks. Achieving the outcomes of the strategy will require collaboration across Council, industry and the community.

How to use it

1.0 Toowoomba's Green.IS

Defines green infrastructure and its importance across the Toowoomba Region.

2.0 What we want to achieve

Sets the vision and objectives that will be achieved with the delivery of this strategy.

3.0 How we will achieve it

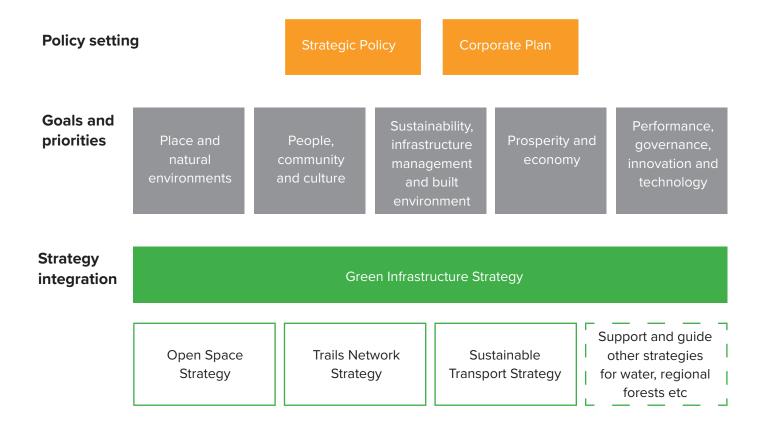
Identifies the types of actions which are required to achieve effective step-change.

4.0 Action plan

Details the actions required across the Toowoomba Region to achieve the vision and objectives of this strategy.

How it sits within Council's policy framework

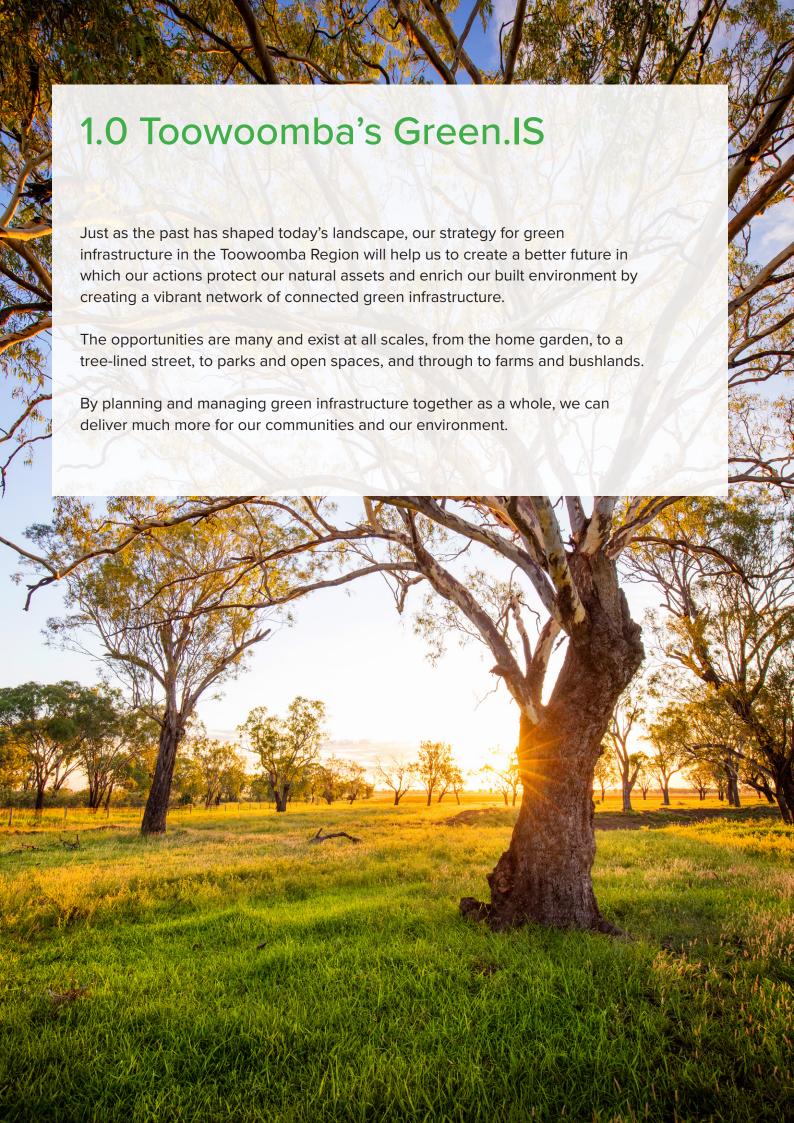
Green.IS will help to deliver the priority goals of Council's Corporate Plan and Strategic Policy for the Toowoomba Region. It will also guide and support integration with other infrastructure networks such as parks and open space, roads, pathways and stormwater to ensure that the objectives of this strategy are delivered across Council.



Who will be responsible for it

Implementation of this strategy will require strong leadership by Council and on-going collaboration to ensure the protection and delivery of green infrastructure becomes business as usual across the Toowoomba Region in the future. The action plan in this document identifies a mix of 'quick wins' and 'change projects' that lay the foundation for longer term outcomes. The key responsible parties for each of these actions are outlined. While Council will lead the delivery of this strategy and ongoing monitoring of its success, the broader community will play an important role as custodians of many of the green infrastructure elements across the Toowoomba Region.





Defining Green Infrastructure

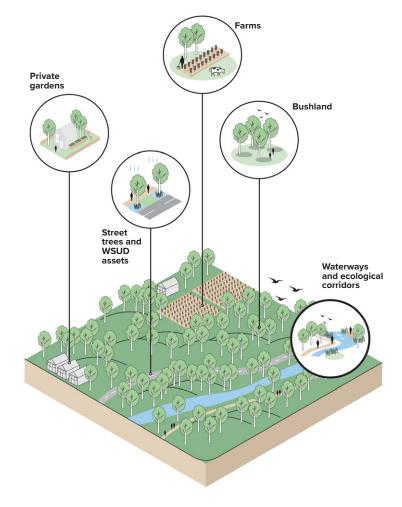
Green infrastructure is defined as:

"A network of naturally occurring or built living assets that, through natural processes, deliver important benefits to people and places in both urban and rural environments."

These living networks play an important role in our urban and rural areas by letting natural processes clean air and water and provide habitat, while also creating beauty and providing opportunities for communities to connect with nature.

Green infrastructure can be found throughout all parts of the Toowoomba Region, ranging from individual living assets such as private gardens, street trees, green roofs and walls, community gardens, Water Sensitive Urban Design (WSUD) elements, parks, farms and bushland, as well as living networks such as waterways and ecological corridors.

The natural processes provided by green infrastructure also enhance other networks such as roads, recreation and waterway corridors by providing shade, improving air quality, slowing and filtering stormwater flows, creating habitat and adding to the character, amenity and health of these areas. This provides Council with opportunities to plan these together to achieve multiple outcomes from infrastructure investments.



Sowing the seeds for better landscapes

The way that we interact with the natural environment is changing. More and more, we are realising the benefits of connecting natural assets together to form living networks that are useful, more resilient and more sustainable than assets planned and managed in isolation. For example, connecting bushland areas with habitat corridors improves natural processes and the habitat value for native animals and plants by supporting natural processes. In our urban areas, connecting parks and other public spaces with avenues of street trees and vegetated creek corridors creates cool and pleasant walking and cycling routes. We are also becoming better at integrating living assets into our built environment to create landscapes that serve multiple purposes. For example, some green spaces are being designed to offer great recreational opportunities while also helping to manage flooding.

Natural processes are often clever, efficient and responsive to local conditions. By integrating green infrastructure into the design of the places that we live and work in, we can enhance the health and well-being of our local communities and make our environment more resilient to the effects of a variable climate. For example, using a practice called water sensitive urban design (WSUD), we are finding ways to use trees and gardens in our streets to absorb and filter stormwater run-off from our roads before it enters our waterways. Similarly, vegetated roofs and walls can be used to absorb air pollution while creating a welcome green area within an urban setting.

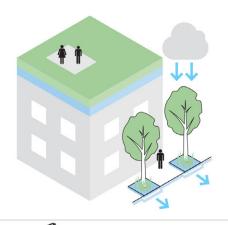
In the same way that we plan, improve and maintain other infrastructure like roads and utilities, green infrastructure needs to be actively managed. This strategy outlines a plan for green infrastructure in the Toowoomba Region.

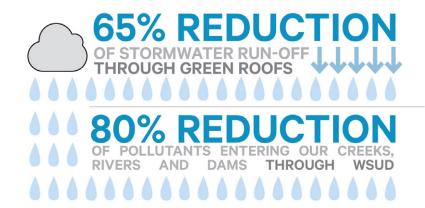
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WHY GREEN INFRASTRUCTURE?

GREEN INFRASTRUCTURE BENEFITS



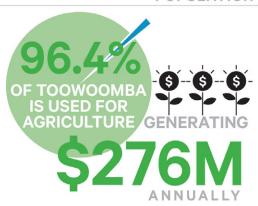








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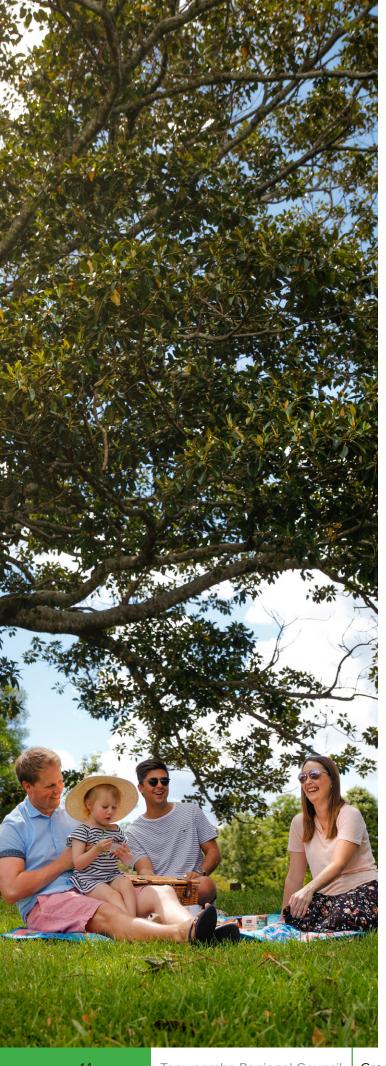
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Green infrastructure for the Toowoomba Region

A diverse region

Spreading east from the Great Dividing Range into the Darling Downs, the Toowoomba Region is a verdant tapestry of living assets. Benefitting from rich volcanic soils and a cooler highland climate, a range of plants thrive in the Region and contribute to its character. From the famous gardens in the city, and the iconic trees that line suburban streets, to the fertile agricultural plains and bushland parks, green infrastructure is already threaded throughout the Region and embedded in the local identity.

As we embrace a new approach that is sensitive to the value of nature in shaping who we are, the varied urban and rural landscapes across the Region offer a range of opportunities to integrate new green infrastructure.

Treasuring what we have, embracing what we need

As the Toowoomba Region grows and changes, we can protect and further enhance the health and well-being of communities and of our natural areas by treasuring the living assets and networks we have, while also creating and embedding new green infrastructure to deliver the benefits we need.

Our urban areas can often feel disconnected from nature, but as we grow and change there are opportunities to enhance green infrastructure in streets, private gardens, public plazas and on and in buildings. By designing built environments that also live and breathe, we can create beautiful, shaded, and ecologically rich spaces to enjoy. Here, green infrastructure isn't a "nice to have", it's an essential part of the kind of place we all want to live and work in.

Our rural townships benefit from a much closer connection to surrounding landscapes already but there are still many opportunities to weave together the built and the natural environment and enhance the identity and beauty of our towns.

Our rural and natural areas are underpinned by natural processes which need to be protected and enhanced so these areas continue to benefit the community, environment and the economy in a changing climate. The rich indigenous history and culture of our Region and neighbouring landscapes provides an important insight into how these natural processes can be managed long term successfully. Home to treasured waterways, grasslands, eucalypt forests and dry rainforests, our natural setting is unique and a strong part of our identity and needs to be both protected and celebrated.

Our agricultural plains are also a stunning backdrop and a vital food bowl, and by supporting diverse and productive land, we can deliver both economic and environmental benefits for the Region.

Regional landscape profile







The Toowoomba Region is a verdant tapestry of natural assets, made up of bushland, agricultural, rural and urban landscapes. These all present different opportunities to protect and integrate new green infrastructure

AGRICULTURAL PLAINS TOWNSHIPS AGRICULTURAL HILLS

This transect visually illustrates the diversity of landscapes in the Toowoomba Region, their typical characteristics and the way they often connect together.

The order of the landscapes is indicative of the landforms associated with the Toowoomba Region topography and is not in any order of priority for this strategy, nor is it to scale.

neir 1

highly fertile open and flat landscapes.

Agricultural Plains are

Rural Townships are distinct towns with a connection to the agricultural lands around them, and vary in size and scale. Agricultural Hills are areas of steeper topography and rolling hills where agriculture (grazing) is the dominant form of land use, although trees and remnant vegetation have a strong presence.

Typical green infrastructure elements

Description

- Farmland
- Rows and stands of trees
- Creek corridors
- Parks
- Street trees and gardens
- Open spaces
- Farmland
- · Creek corridors
- Farmland
- Natural areas
- Creek corridors

Green infrastructure opportunities

- Promotion of food production
- Work with landholders to encourage enhanced quality and connectivity of natural areas
- Connect and enhance green corridors
- Work with landholders to promote and encourage sustainable land use practices
- Work with local community to identify high value areas
- Protect and enhance living assets on private land
- Expand street tree planting
- Improve access to open space areas and natural areas
- Enhance green creek corridors

- Work with local community to identify high value areas
- Work with landholders to encourage protection and enhancement of natural areas and their connectivity
- Work with landholders to promote and encourage sustainable land use practices











LIFESTYLE ACREAGES

SPECIAL PURPOSE

SUBURBAN

URBAN

NATURAL AREAS











Rural Residential areas are characterised by low density residential development on acreages and hobby farms.

Special Purpose Areas are large scale land use areas with vast paved surfaces such as shopping centres, light industry, airport etc.

Suburban Areas are characterised by residential development and other recreation and community uses (e.g. parks and schools).

The Urban Core is a vibrant mixture of commercial businesses, some residential (of varying scales and densities), with some light industrial and recreation land uses.

Natural Areas are relatively undisturbed large areas of tree cover either as naturalistic remnant vegetation areas or managed forestry parcels.

- Gardens
- Farmland
- Natural areas
- Creek corridors
- Street trees
- Landscaped areas (e.g. carparks)
- Creek corridors
- Urban gardens
- Street trees
- Parks and other open spaces
- Creek and recreational corridors
- Gardens
- Street trees and gardens
- Creek and recreational corridors
- Natural areas
- Creek and ecological corridors

- Work with local community to identify high value areas
- Work with landholders to encourage protection and enhancement of natural areas and their connectivity
- Enhance creek corridors and protect water quality
- Encourage incorporation of green infrastructure (e.g. green walls, green roofs, WSUD) in new developments
- Plant more trees in streets and carparks
- Enhance creek corridors
- Encourage green infrastructure to be part of new developments and private gardens
- Plant more street trees
- Provide green corridors to connect community to green public spaces
- Develop community gardens
- Encourage green infrastructure to be included on and alongside buildings
- Plant more street trees
- Provide stepping stones of vegetation to connect green public spaces
- Protect and enhance native vegetation
- · Incorporate values and cultural practices of Aboriginal custodians
- · Encourage passive recreation opportunities for the community



2.0 What we want to achieve

Our vision

A rich tapestry of green and healthy landscapes that support thriving communities and a vibrant economy, where nature is valued, embedded and enriched at every opportunity.

In achieving our vision, we will:

Lead by example: We will establish the Toowoomba Region as a leader in green infrastructure planning and delivery, where living assets are connected throughout urban and rural landscapes for the well-being of communities and the environment.

Celebrate our identity: We will protect, promote and enhance our living assets that have shaped our Region, including our iconic garden city character in Toowoomba, our beautiful natural landscapes and our rich agricultural history as a food bowl for Australia.

Design for climate and character: We will design better urban and rural places to incorporate green infrastructure that is complimentary and appropriate to our local climate conditions, resilient to change, respectful of heritage, and enriching of local character, to make the Region a better place to live in, work in and visit.



Objectives



Objective 1: Enrich natural systems



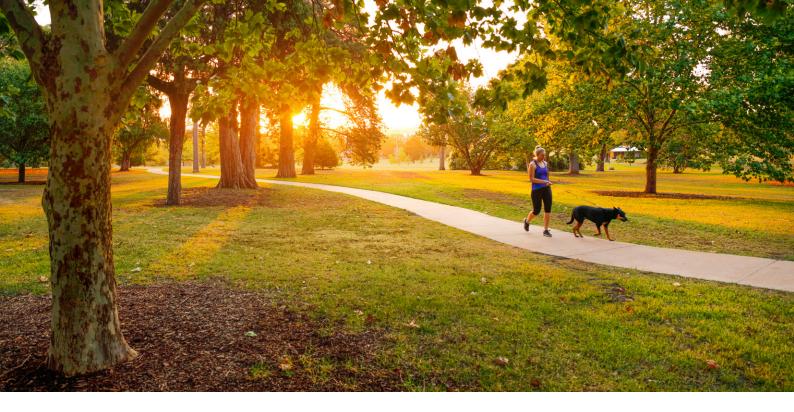
- Protecting natural assets and ecosystems
- Providing habitat and connecting biodiversity corridors for native animals
- Supporting use of native plants to create diverse habitats which are resilient to change
- Providing opportunities to reduce pollutants entering natural areas
- Protecting and enhancing waterway corridors and natural areas to address degradation and fragmentation.



Objective 2: Protect and enhance local identity and character

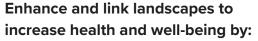
Promote landscapes that underpin or stimulate tourism, job creation and local economic activity, by:

- Growing food and other produce in both urban and rural areas in a sustainable manner
- Designing amenity and greener character in public spaces and key destinations
- Linking and clustering natural landscapes and businesses to make visitor experiences unique and memorable
- Improving resilience of built areas to the impacts of climate challenges including extreme temperatures, drought and flood risk.





Objective 3: Support healthy communities



- Improving local climate to reduce urban heat impacts
- Connecting communities to nature and improving mental well-being
- Providing open space and green corridors which encourage active and passive recreation to improve physical
- Integrating natural systems into our built environments to filter water and air.



Objective 4: Increase collaboration and co-design

Support local communities and practitioners in actively delivering green infrastructure by:

- Partnering with landholders to deliver green infrastructure on private land
- Improving community understanding of the value of green infrastructure and how to deliver it, including opportunities for co-design of public spaces
- Working with developers and local practitioners to integrate green infrastructure in new developments
- Work across governments, other organisations and the community to identify opportunities for investment in green infrastructure to deliver multiple benefits.



3.0 How we will achieve it

We aren't starting from scratch. Our Council and our communities already recognise value in our Region's green infrastructure, but there is so much more potential to unlock. A key focus of this strategy is to identify the quick-wins which can be delivered based on what we know now, as well as continuing to build a strong foundation to inform the long-term change to the way green infrastructure is delivered in the future.

Any kind of step-change in the way we do things requires more than just funding a few projects. It requires a shift in mindset, a change in expectations, commitment to collaborate and a long-term investment in building both the knowledge and the will to deliver better outcomes.

Council will lead a comprehensive approach to green infrastructure across early demonstration, development of policy and supporting ongoing education and capacity building which is important to make sure the change is for good.

Our four focus areas for change are:

Demonstration projects	To trial new ideas in different locations and build confidence
Policy and delivery tools	To drive decisions that protect and enhance green assets
Skills and knowledge	To build further capability in delivery of green infrastructure
Advocacy and education	To show leadership, raise awareness and empower others

The following examples showcase how Council is already making progress across these focus areas, providing a good starting point for an integrated approach into the future.

Demonstration projects

To trial new ideas in different locations and build confidence

Trialling new green infrastructure ideas across Toowoomba's regional landscapes allows green infrastructure solutions to become tailored to suit the local conditions. Demonstration projects are also critical to build confidence in the community, development industry and across Council by providing proof that these types of projects can be delivered successfully and can become a template for others to use.

Example - Glenvale Creek pilot project

Council worked with developers, engineers, landscape architects and environmental consultants to co-design an open space corridor in a new residential development which incorporates multiple uses. Council used this process to test and develop different design requirements that allow these green spaces to manage stormwater runoff, protect natural habitat elements and provide parks at the same time. Following this pilot project, Council documented the process in its 'Multi-Function Open Space Framework'.



Policy and delivery tools

To set direction and drive decisions

Setting clear direction and requirements in policies, plans and standards is important to generate consistency and quality in delivery of green infrastructure from both Council and the broader industry.

Example - Toowoomba's Street Tree Masterplan

Council's Street Tree Masterplan has received industry awards for its vision to protect and enhance the diverse streetscape character of the Toowoomba Region. The Masterplan supports Council's Street and Park Tree Policy and provides:

- a long term consistent and living Street Tree Masterplan,
- guidance for urban tree selection and management requirements, and
- a species list and suite of standard technical drawings.



street tree masterplan

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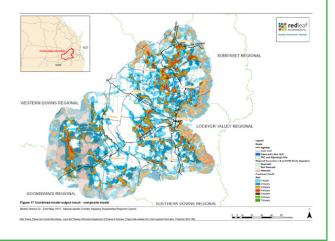
Skills and knowledge

To build further capability in the delivery of Green Infrastructure

Equipping our Council with the right skills and resources will allow us to act as a leader in green infrastructure planning and delivery.

Example - Natural Areas Corridor Model

This project involved the development of a software model that identifies and maps local biodiversity corridors for the Toowoomba Region. The methodology used in this project is replicable and provides an evidence-based approach to identifying and locating corridors and scientific justification for their preservation. The model can assist with the development of policy and conservation/management directions including local area planning, offsets, acquisition and natural resource management.



Advocacy and education

To show leadership, raise awareness and empower others

Building awareness and ability for the community to be involved strengthens partnerships, ensuring green infrastructure is valued, enriched and embedded in our varied landscapes.

Example - Toowoomba Region Urban Design Initiative (TRUDI) Design Seminar Series

As part of the TRUDI program, a design seminar series was developed which provided free events for the community who had an interest in urban design to hear from speakers and participate in debates and development of ideas.





4.0 Action plan

The many conversations we have had with the Council, community and other organisations between 2017 and 2019 highlighted that:

Effective policy must be developed and applied across the Region, to ensure regional growth is balanced with the need to protect and preserve the natural assets of the Region.

To create a meaningful and effective green infrastructure strategy, the actions should include both quick-wins and long-term initiatives.

Partnerships and community ownership are important and should continue to be cultivated.

We need to understand the extent and value of existing green infrastructure assets.







Quick wins and laying long-term foundations

The purpose of this current strategy is not to set targets or measurable objectives, but to lay the foundation for the drafting of meaningful objectives based on a strong understanding of the Region's existing green infrastructure.

A number of key projects have been identified which, subject to funding, will help to build early confidence in the delivery of this strategy as well as lay the foundation for the long-term transitional change that takes more time.

It will be important that these quick win projects (and others which come up which are not covered in this strategy) are supported by strong Green.IS branding and ongoing monitoring to ensure they have successfully enabled the further progression of this strategy.

Quick wins

Early demonstration of Green.IS outcomes including: Branding, marketing and reporting to Greening the CBD promote early projects to encourage Regional water quality system further adoption of green infrastructure as a living asset actions which are identified through Multiple use open space in a ongoing collaboration across Council creek corridor and the community. **Embedding Green.IS into** structure plans infrastructure is valued, Change projects (longer term) protected and Understand the condition, extent and Define governance framework enhanced as value of existing green infrastructure part of Council to ensure ongoing roles and to allow for benchmarking, target responsibilities are clear setting and ongoing monitoring of performance Integrated network planning to align Council plans and strategies Development of policy and guidelines to protect and enhance green infrastructure



Action plan

This table shows the steps that must be taken to progress the strategy. These actions will be refined, added to and delivered through Council's existing processes and may shift in importance over time (for example, more on-ground projects are likely to be identified and delivered following

the development of policy and network plans). Council will identify and prioritise key actions to take forward based on the number of different objectives met and the capacity to deliver through Council processes, plans and operations including budget availablility.

	Action	Description	Outcomes	Objectives met							
Dem	Demonstration projects										
1	Deliver a Greening the CBD demonstration project	Undertake a Greening the CBD project to demonstrate how the Green.IS can be applied in the CBD and other hard, built landscapes to deliver multiple outcomes.	Potential outcomes include: urban heat mitigation, amenity improvements, reducing pollutants and stormwater runoff.								
2	Deliver a Multi- Function Open Space (MFOS) demonstration project at Gowrie Creek	Use Council's MFOS Framework to plan and design open space within the constrained open space corridor along Gowrie Creek (to the North of the CBD), considering the diverse values embedded in the space and using co-design principles to resolve potential conflicts in its use.	The design will demonstrate how collaborative planning for open space which considers environmental values, stormwater management and sport and recreation function in an integrated manner can result in a green infrastructure network that is affordable, efficient, and locally appropriate and does not allow compromise in standards to impact on its intended function.								
3	Central Highfields Structure Plan demonstration project	Embed the principles and objectives of the Green.IS into the Central Highfields Structure Plan.	The Structure Plan will demonstrate how upfront planning for green infrastructure can help set the direction for the delivery of cool, resilient and green towns across the Toowoomba Region.								
4	Deliver a regional water quality improvement demonstration project	Design and deliver a stormwater quality project using a green infrastructure approach to integrate the infrastructure into the landscape and deliver multiple outcomes.	The demonstration project will build internal confidence to deliver future projects which integrate stormwater management into open space areas, while setting an example and benchmark for expectations from the development industry.								

	itial loc	ation				Project type	Potential partnerships
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				✓		Quick win	Council (lead)Local community and businesses
			✓			Quick win	 Council (lead) Landholders Developers Local businesses
			✓			Quick win	Council (lead) Local community and businesses
			√	✓		Quick win	Council (lead)Industry bodiesDevelopersCommunity

	Action	Description	Outcomes	Objectives met							
Polic	Policy and delivery tools										
5	Investigate and scope changes to the Toowoomba Regional Planning Scheme required to reflect Green.IS.	A review of all parts of the planning scheme to adequately incorporate Green.IS and ensure consistency across policy, strategy, development and implementation. This includes the existing strategic framework, codes, overlays, the local government infrastructure plan and planning scheme policies.	Key changes will address gaps in the current planning scheme and identify opportunities to strengthen the planning scheme to guide and protect green infrastructure. A new green infrastructure planning scheme policy and a new code or overlay will ensure that new developments incorporate the principles outlined in the Green.IS.								
6	Develop and provide supporting guidance and assessment material for the delivery of green infrastructure in the Toowoomba Region	Combine existing guides or new information into a new green infrastructure technical design guideline for the Toowoomba Region to assist developers, designers and Council in the delivery of appropriate green infrastructure for the Toowoomba Region.	An assessment tool such as a development checklist and scoring system would assist Council and developers in ensuring green infrastructure is designed and delivered to Council's expectations.								
7	Develop a Toowoomba Region Forest Strategy	Develop a forest strategy for trees in the Toowoomba Region that sets canopy targets and condition and connection goals for all natural, urban and rural areas.	A regional forest management approach to the protection and planting of trees will ensure locally appropriate responses to heat mitigation, land management, ecological services, lifestyle and recreation. Canopy targets will likely be developed to guide this strategy.								
8	Develop a Green Infrastructure Network Plan	Develop a network plan to layer the Toowoomba Region's current green, blue and grey infrastructure networks to identify key areas for future connection and focus.	This network plan will help provide strategic alignment between other existing (and future) Council plans and strategies (e.g. Toowoomba Region Trails Network Strategy, Toowoomba Open Space Strategy, Street Tree Masterplan and Urban Stormwater Management Plans). Specific objectives will help to inform this plan.								

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√		√	✓	✓	✓	✓	✓	✓	Quick win	 Council (lead) State government Development industry Community
√		✓	✓	✓	✓	✓	✓	✓	Quick win	Council Industry and community groups
✓	,	√	✓	✓	✓	✓	✓	✓	Change project - longer term	Council (lead)LandholdersCommunity
✓		✓	✓	✓	✓	✓	✓	✓	Quick win	 Council (lead) Landholders Community NRM bodies State government

	Action	Description	Outcomes	Objectives met
9	Develop detailed green corridor plans for priority locations	Undertake holistic planning of priority green corridors that accommodates the different uses in these areas (e.g. open space, waterway health, flooding, movement, water infrastructure, habitat corridors etc.).	A holistic planning process will identify potential conflicts up-front to preserve opportunities to deliver multiple outcomes.	
Skills	s and knowledge			
10	Undertake green infrastructure audit and mapping	Undertake an audit and mapping of green infrastructure asset types to understand the extent and condition of existing assets across the Toowoomba Region.	This information will be used to inform development of measurable targets and other actions such as the development of policies, plans and appropriate local standards. It will also be used to benchmark condition and provide a baseline for measuring future improvement.	
11	Assess the economic value of Toowoomba's green infrastructure	Undertake an economic assessment that will monetise the significant environmental and social value that green infrastructure provides and calculates how these appreciate in value with time.	This economic framework will be used to inform budget allocations, valuations and develop business cases. It will also provide a baseline for benchmarking and for measuring future improvements.	
12	Identify green infrastructure asset types, ownership and budget allocation requirements	Ensure that there is adequate resourcing available for green infrastructure asset owners to identify and deliver the types of assets that make up the green infrastructure network by undertaking a review of internal networks and structures to identify asset function, level of operational service and lifecycle costs.	This will form the basis of an asset management framework for green infrastructure networks so that allocated budgets are appropriate to form, function and desired outcomes.	
13	Initiate green infrastructure design capacity building program	Develop new, or use existing capacity building programs to improve local knowledge and capacity.	This will improve the ability of Council, industry and the community to plan, design, deliver and manage green infrastructure projects.	

		Poter	itial loc	ation				Project type	Potential partnerships
				889988					
✓	✓	✓	✓	✓	✓	✓	✓	Change project - longer term	 Council (lead) State government Landholders Community NRM bodies
✓	✓	✓	✓	✓	✓	✓	✓	Quick win	Council (lead) State government
✓	✓	✓	✓	✓	✓	✓	✓	Quick win	Council (lead) Researchers / economists
✓	✓	✓	✓	✓	✓	✓	✓	Quick win	• Council
✓	✓	✓	✓	✓	✓	✓	✓	Change project - longer term	Council (lead)Industry bodiesNRM bodiesCommunityResearchers

	Action	Description	Outcomes	Objectives met								
Adv	Advocacy and education											
14	Private landholder Green.IS program	Develop a program to encourage private landholders to voluntarily retain and plant vegetation, including native vegetation where appropriate, on private land across both the urban and rural landscapes. This may include partnering with other organisations on existing programs with the same outcomes.	This will promote best land management practices across the Toowoomba Region and enhance natural processes.									
15	Delivery of community engagement program	Develop a program to promote green infrastructure knowledge and benefits. This could be achieved in partnership with the established TRUDI program to ignite discussion regarding urban design and use of living assets in the Toowoomba Region and could also engage the youth across the Toowoomba Region through a school program or event.	This will engage a broad cross section of the community in discussing ideas around the shared benefits of green infrastructure.									
16	Promote Green.IS projects and green infrastructure across the Toowoomba Region	Use the Green.IS brand to promote work which achieves the Green.IS objectives on the TRC website, on Council projects and as part of onground outcomes.	This will increase awareness in the local community of the role green infrastructure plays in the Toowoomba Region's identity and reinforces Council's commitment to deliver the strategy.									
17	Support the community to participate in green infrastructure projects	Build community knowledge on green infrastructure and create accessible spaces where the community can access information about the Green.IS and be a part of its delivery. This should also support connection with existing environmental groups and programs.	This will encourage broader adoption of green infrastructure across the Toowoomba Region and support groups who are currently active in the maintenance and management of natural areas, community gardens or environmental education and advocacy.									

		Poter	itial loc	ation				Project type	Potential partnerships
✓	✓	✓	✓	✓	✓	✓	✓	Quick win	 Council Landholders State government NRM bodies AgForce, Growcom, Queensland Farmers Federation
✓	✓	✓	✓	✓	✓	✓	✓	Change project - longer term	Council Schools Community
✓	✓	✓	✓	✓	✓	✓	✓	Quick win	• Council
✓	✓	✓	✓	✓	✓	✓	✓	Continued support	Council Community

Where to from here?

The Green.IS sets the direction and early initiatives required to help embed the protection and delivery of green infrastructure projects across Council's day to day processes. It will also encourage the broader community to become involved and improve their understanding of the value of green infrastructure across the Toowoomba Region.

The success of this strategy will be reviewed in four years. During this time the outcomes of actions undertaken will be monitored and reviewed to enable outputs and learnings to inform future actions.

Quick wins

- Is there data which can be used to inform other actions?
- Has early demonstration helped to build confidence about an approach that can be delivered elsewhere?
- What are the key lessons from early demonstration projects that can improve implementation of future projects?

Change projects (longer term)

• Can the project outcomes help to refine the scope of future actions?

Green.IS 4 year review

 Has the strategy been successful in helping to embed the delivery of green infrastructure across Councils day to day processes?

