







## CEO's Message

### I am delighted to introduce Greenfleet's 2018 Impact Report.

Greenfleet had an exciting year in 2018 and we have developed this new Impact Report to share these stories with you, as you have played a key role in our success.

With the help of our business and individual supporters, Greenfleet has made a significant impact on Australia's landscape, environment and climate over the last 12 months.

Despite the challenges of drought and a changing climate, we succeeded in planting 71,807 trees. These trees will grow into biodiverse native forests which will capture 73,659 tonnes of carbon emissions over their lifetime to help fight the impacts of climate change.

During 2018, we continued to monitor and manage our growing forests through their establishment phase. We could not undertake this work without our landowners and project partners who have enabled the protection of forests on their land.

While restoring Australia's forests remains our core focus, we have also taken a leading role in the Low Glow project which has focused on protecting endangered sea turtles from artificial light pollution. On World Environment Day, we joined forces with the Kowanyama Aboriginal Shire Council, Telstra employees and the local community to plant 1,000 trees in Cape York.

The release of the UN's IPCC report in October 2018 was particularly noteworthy for raising global awareness about our changing climate.

Reforestation is now widely recognised as a key tool for combatting climate change and Greenfleet is looking forward to extending our practical work on the ground throughout 2019.

Join us in continuing to grow our forests and grow climate hope.

Wo-CLC

Wayne Wescott

CEO. Greenfleet

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### About Us

Greenfleet is a leading not-for-profit environmental organisation on a mission to protect our climate by restoring our forests.

We plant native biodiverse forests to capture carbon emissions on behalf of our supporters and help fight the impacts of climate change.

Greenfleet was the first organisation in Australia to plant biodiverse forests to offset carbon emissions. Since 1997, we have planted over 9.2 million trees across 500 forests in Australia and New Zealand.

Greenfleet's forests are protected for up to 100 years. Our forests sequester carbon emissions from the atmosphere, enhance water quality, reduce soil erosion, improve land productivity, and provide vital habitat for native wildlife, including many endangered species.

At Greenfleet, we are growing hope. We want the next generation to experience the wonders of our forests. And we believe we can create a better, greener future if we act now.



Greenfleet has planted

over 500 forests

in Australia and New Zealand.



Australia's most trusted provider

of biodiverse carbon offsets.

21 REPORTED OF NATIVE REFORESTATION EXPERTISE

9.2 million+

native trees planted



500+
FORESTS CREATED



8,524+
HECTARES REVEGETATED

3.22 million+

tonnes of carbon will be sequestered

Growing forests. Growing hope.







## Our Impact: 2018

In 2018, Greenfleet planted 71,807 trees across 74 hectares in Australia and New Zealand. These new native trees will sequester 73,659 tonnes of carbon over their lifetime.

In addition, we worked to monitor and maintain our growing forests to ensure their successful establishment. Responding to challenges such as drought and other ecosystem impacts, we planted an additional 17,206 trees across six of our planting sites.

With the help of our supporters, we have now planted over 9.2 million trees in Australia and New Zealand across more than 500 biodiverse native forests. This represents a critical contribution to protection of our climate and environment.

Whenever you donate or offset with Greenfleet, you are helping us grow this impact.

Reforestation is one

of the most critical tools

to mitigate climate change.



2018 in Review

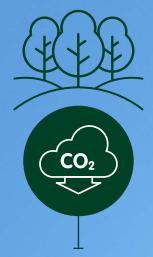
71,807 native trees planted



HECTARES REVEGETATED

a better, greener future.

Together we can create



Native trees planted include notable and vulnerable plant species such as:

- Strzelecki Gum (Eucalyptus strzeleckii)
- Blue Paperbark (Melaleuca dealbata)
- Muttonwood (Myrsine howittiana)
- Forest Red Gum (Eucalyptus tereticornis)
- · Greg's Wampi (Clausena smyrelliana)

73,659

tonnes of carbon will be sequestered











# Creating a Low Glow Community to Protect Our Turtles

Artificial light pollution is a major threat to sea turtles worldwide. Bright lights from coastal communities can lure turtle hatchlings away from the safety of the sea, and Greenfleet has been taking action.

Our Low Glow story began in 2016, when Greenfleet joined forces with The Prince's Trust Australia and The Walt Disney Company (Australia) to protect the endangered sea turtle population in Bundaberg, Queensland.

The Low Glow project aims to protect our sea turtles and engage the community to reduce artificial light glow around key nesting sites.

Mon Repos beach is home to the largest concentration of nesting sea turtles on Australia's east coast and records the most significant Loggerhead turtle nesting population in the South Pacific. Loggerhead turtles are listed as endangered in Australia and the success of this hatchery is critical.

During 2017 and 2018, Greenfleet planted over 84,000 native trees in Barolin Nature Reserve adjacent to Mon Repos beach. This is the largest ever reforestation project in the region, with the forest expected to absorb more than 50,000 tonnes of carbon.

As the trees grow, they will not only help protect our climate, but they will form a 'green curtain' to shield the turtle hatchery from artificial light pollution. Our goal is for the turtles to continue to come on shore to nest and to prevent hatchlings from being disorientated by town lights.

Together with our project partners, Greenfleet has also been working with the local community on an innovative pilot program to audit household lighting and encourage residents to dim their lights during the turtle hatching season.

Protecting the sea turtles is equally vital for the community. Around 30,000 people visit Bundaberg each year to observe the turtles nesting, providing significant tourism and economic benefits.

In 2018, Greenfleet was delighted to welcome His Royal Highness, The Prince of Wales, to Bundaberg to discuss the Low Glow project and its contribution to Great Barrier Reef conservation efforts.

The Low Glow project collaboration also formally expanded to include the Bundaberg Regional Council, the Sea Turtle Alliance and Bundaberg North Burnett Tourism.

Read more about Barolin Nature Reserve on page 10.







## Greening Kowanyama

In 2018, Greenfleet, Telstra employees and Kowanyama Aboriginal Shire Council joined forces to plant over 1,000 native and fruit trees in the remote community of Kowanyama in Far North Queensland.

This revegetation project is focused on delivering a wide range of co-benefits, including environmental, health and well-being outcomes for the local community.

Greenfleet coordinated a major community planting event on World Environment Day, 5 June 2018.

More than 100 students from Kowanyama State School and members of the RISE Ventures' youth program participated, taking practical action on our climate and the environment.

Together with Telstra, we worked closely with Kowanyama Aboriginal Shire Council to understand the community's needs and, following consultation, planted a mix of native and fruit-bearing trees.

Kowanyama is located in the Cape York Peninsula, with limited access to regular deliveries of fresh food. The fruit-bearing trees were selected to create a source of affordable fresh fruit for the community, including bush lemons, mangos and mulberries.

Kowanyama Aboriginal Shire Council Mayor Michael Yam stated, "The new trees will provide a much-needed source of fresh fruit for the local community. We are delighted to be collaborating on this initiative, that supports our focus on healthy lifestyles, a safe community and economic opportunities."

The trees planted as part of this project will contribute to protecting the climate and local environment, as well as reversing some of the damage caused by Cyclone Nora in 2018.

We are proud to have played a pivotal role in this project. Our work at Kowanyama is a clear demonstration of what can be achieved when business, local government, the community, and not-for-profit partners unite for our environment.







## Barolin Nature Reserve

Bundaberg, Queensland

90 hectares revegetated in partnership with Bundaberg Regional Council

Native trees planted:	84,000
First year planted:	2017
Total tonnes CO <sub>2</sub> -e	
to be sequestered:	69,500+

Greenfleet and Bundaberg Regional Council joined forces in 2018 to complete a major revegetation project in the Barolin Nature Reserve.

This was the region's largest environmental reforestation project with over 84,000 native seedlings planted across 90 hectares of the Reserve.

The project will also deliver significant wildlife conservation, community and economic benefits.

The Barolin Nature Reserve borders Mon Repos beach, which is home to the largest concentration of nesting marine turtles on the eastern Australian mainland and the most significant Loggerhead turtle rookery in the South Pacific. Loggerhead turtles are listed as critically endangered in this region and the success of this population is critical for the survival of the species.

The trees will play a vital role in protecting the sea turtles at Mon Repos by reducing the glow of artificial light onto the beach. As it grows, the forest will also capture carbon dioxide, protect the Reserve's biodiversity, contribute to water quality, and restore habitat for native wildlife.

This revegetation project incorporated a range of canopy and understory species sourced from our local nursery partner, Gin Gin Landcare, including the Greg's Wampi (Clausena smyrelliana), an endangered plant species.





## Corymbia Farm

150 km south-east of Melbourne, Victoria

32 hectares revegetated in partnership with the private landholder

Native trees planted:	26,680
First year planted:	2018
Total tonnes CO <sub>2</sub> -e	
to be sequestered:	46,100+

In 2018, Greenfleet planted more than 26,000 native trees and shrubs at Corymbia Farm in West Gippsland, Victoria.

The owners, Simon and Simone Taylor, purchased the farm with two goals in mind: to swap the hustle and bustle of the city for a quieter life and to restore a substantial area of the land to its pre-farm status.

Through discussions with Greenfleet, Simon and Simone discovered that by working together we could revegetate a substantial area of the land, protect a threatened species, and capture carbon emissions to protect our climate.

Gippsland is home to the endangered Giant Gippsland Earthworm (*Megascolides australis* or Karmai in the Bunwurrung language). As David Attenborough remarks in his 2005 documentary on earthworms, it is "... home to one of the rarest and most extraordinary of all earthworms." Found nowhere else in the world, the earthworms' habitat is restricted to a small area of west and south Gippsland.

Properties with treeless land and steep hills like Corymbia Farm are vulnerable to landslides which disrupt the earthworms' habitat and threaten the population. In consultation with Dr Beverley Van Praagh, Australia's leading expert on the Giant Gippsland Earthworm, Greenfleet planted trees strategically to protect the earthworms from damage and longer-term habitat degradation.

One of the key species planted on this site was the Strzelecki Gum (*Eucalyptus strzeleckii*), which is endemic to the Strzelecki Ranges where Corymbia Farm is located. Classified as a threatened plant species, Greenfleet has a particular interest in restoring the Strzelecki Gum which also provides a home and source of sustenance for koalas.





## Koala Crossing

60 km south-west of Brisbane, Queensland

96 hectares revegetated in partnership with Queensland Trust For Nature

Native trees planted:	88,400
First year planted:	2016
Total tonnes CO <sub>2</sub> -e to be sequestered:	99,600+

In partnership with Queensland Trust For Nature, this key revegetation project is re-building habitat for the koala population in south-east Queensland.

In 2016 and 2018, Greenfleet revegetated 96 hectares of degraded land which had previously been cleared for cattle grazing.

As they grow, the native trees will provide vital habitat for koalas and other native wildlife, as well as capture carbon dioxide from the atmosphere.

Importantly, this project will extend the Flinders Karawatha Corridor. The Corridor represents the largest remaining contiguous stretch of open eucalypt forest in south-east Queensland.

Greenfleet planted a mix of 31 locally native species, representing the four ecosystems occurring on the planting site; one of which is 'endangered' and one of which is 'of concern' in terms of biodiversity status.

The Queensland Blue Gum (*Eucalyptus terticornis*) was included in the species mix to provide a preferred food source for koalas, insects and native birds. Queensland Blue Gums can grow up to 50 metres with a trunk diameter of up to two metres.

Queensland Trust For Nature has estimated that there are 10 to 20 koalas on the property. As we restore the property and the new forest grows, we hope that we'll be able to increase the population over time.







## Pepper Hill

30 km west of Melbourne, Victoria

1.75 hectares revegetated with a private landholder

a private tarioriotaer	
Native trees planted:	2,840
First year planted:	2018
Total tonnes CO <sub>2</sub> -e to be sequestered:	1,400+

Greenfleet first planted trees at Pepper Hill, in Melbourne's west, in 2018. The planting area had been cleared for sheep grazing many years ago and the purpose of this project is to restore native revegetation and provide shelter to the property.

The region is comprised of rolling hills, existing forested areas and numerous bodies of water, and Greenfleet is looking forward to restoring the landscape. Situated near Ballarat, the site is exposed to significant temperature extremes, so the trees will be monitored until the forest is established.

The landowner is hoping to use the land for horse agistment and a number of sheep still graze the property. Part of this project involves the creation of shelterbelts to help protect animals on the land, while helping to restore native vegetation.

Pepper Hill is a perfect case study of how private landowners can work with Greenfleet to increase land productivity.

Greenfleet works with public and private landholders

to protect our climate by restoring native forests.





## Te Muri

47 km north of Auckland, New Zealand

19.5 hectares revegetated in partnership with Auckland City

Native trees planted:	24,000
First year planted:	2016
Total tonnes CO <sub>2</sub> -e	4 200+
to be sequestered:	6,200+

Te Muri farm was originally purchased in 2010 by the Auckland Regional Council to extend its national park network. The land had been cleared for farming with only small amounts of vegetation remaining.

Through this revegetation project, Greenfleet aims to restore Te Muri's biodiversity and help protect the landscape of the Puhoi River and Wenderholm Regional Park.

The site is located behind Te Muri Beach which is a favourite spot for locals. Overlooking Mahurangi Harbour, it is known for its seclusion, scenic walking trail, and for being a perfect spot to connect with nature.

Greenfleet planted a wide range of native New Zealand tree species at Te Muri between 2016, 2017 and 2018. This included Phutukawa, Karaka, Rewarewa and Cabbage Tree.

In 2018 alone, we planted 13,300 native trees across 10.5 hectares of the site.

The new forest will play many roles as it grows. As well as sequestering carbon from the atmosphere, it will help restore biodiversity and protect several rare plants and animals. We hope that it can provide a place for locals to visit for generations to come.





### The New Forest

77 km north-west of Melbourne, Victoria

3.1 hectares revegetated with a private landholder

Native trees planted: 3,380First year planted: 2018Total tonnes  $CO_2$ -e to be sequestered: 1,900+

This stunning new site is located on a private property in Melbourne's north-west, near Hanging Rock.

In 2018, Greenfleet worked to restore the land which was previously used for sheep grazing. With the generous support of the landowners and the help of many of our business supporters, we planted more than 3,000 biodiverse native trees on the site.

With good clay content in the soil, Greenfleet is expecting the trees to be well supported as they grow. Sequestering carbon is however not the only role the new trees will play. The property is now a hobby farm and the trees will provide shelterbelt protection for the resident sheep and cows.

The growing forest will also restore habitat for native wildlife. This site is located about 15 km from Macedon and koalas can be found in the area.

The landowners and Greenfleet hope to see native species returning to the area and finding homes in this 'new forest'.





## Tooraglen

170 km south-east of Melbourne, Victoria

10 hactares revenetated with

a private landholder		
Native trees planted:	8,080	
First year planted:	2018	
Total tonnes CO <sub>2</sub> -e to be sequestered:	6,200	

Carol had a dream - to grow a native forest on her land. We were delighted to be able to support her vision, by planting over 8,000 native trees on her property.

Together we're taking direct climate action, helping improve the land's environmental quality, and restoring habitat for native wildlife.

As this forest grows, it will play a vital role in providing a home for the Strzelecki Koala and addressing habitat loss. The Strzelecki Koala is a population of wild koalas only found in the Strzelecki Ranges in South Eastern Victoria. Studies have demonstrated that the koalas found in this area differ in genetic diversity to other populations found in Australia, so protecting and restoring their habitat is crucial.

We're always proud of our projects that not only sequester carbon, but also support biodiversity.

We're excited to see what is in store for this forest and to watch it grow over coming years.





### Witzend

110 km west of Byron Bay, New South Wales

3.4 hectares revegetated with a private landholder

Native trees planted:	3,835
First year planted:	2018
Total tonnes CO <sub>2</sub> -e	
to be sequestered:	4,200+

In 2018, we kick-started a two-year project on this private property in northern NSW, just south of the Border Ranges National Park. We initially planted 3,800 native trees and by the end of 2019, 10.5 hectares of the property will have been revegetated.

While this site had previously been impacted by grazing, a significant area has now been restored and some of the remnant trees on the site are estimated to be more than 50 years old. We are working with the landowners to restore the native forest that would have grown in the cleared patch of the property to help support the unique biodiversity of the region.

Witzend is adjacent to the World Heritage-listed Border Ranges National Park, which is part of the Gondwana Rainforests of Australia World Heritage Area.

This large area of wilderness encompasses rainforest and unique plants and animals connected to the ancient supercontinent of Gondwana.

From smaller trees like Black Tea Tree to towering giants like Forest Red Gum, Greenfleet planted a mix of 21 native species to recreate the original ecosystem. As it grows, the forest will also provide additional habitat for the koalas of the region, and many other native species.





### Wood

Along the Great Ocean Road, 170 km south of Melbourne, Victoria

10.8 hectares revegetated with a private landholder

Native trees planted:	8,760
First year planted:	2016
Total tonnes CO <sub>2</sub> -e	
to be sequestered:	8,000+

With the blue ocean and rolling green hills of the Great Ocean Road, Wood is one of Greenfleet's most stunning forest sites.

Greenfleet planted an extra 1,760 trees on this site in 2018 to revegetate a further 2.1 hectares of unproductive land.

The goal of this project is to increase biodiversity and restore the land, which had been cleared for farming and mining many years ago.

This revegetation project has, however, not been without its challenges. Young native trees are very attractive to kangaroos in the area that enjoy them as a food source. Greenfleet has therefore taken additional measures to protect the young trees and has also varied the species mix in order to deter the kangaroos.

As they grow, the native trees will assist with weed management, increase biodiversity and restore native habitat for koalas, wallabies, kangaroos and several bird species, while preserving the beautiful landscape of the iconic tourist destination.

Like all our forests, Wood will help protect our climate and ensure a greener future for the next generation.



## Maintaining Our Forests

Greenfleet's work does not end after the trees are planted. We are committed to monitoring our forests and to ensuring the health and establishment of the ecosystems we restore.

We typically monitor the growth of our forests within six months after seeding or planting and then 12 months following. Once we are satisfied that the forest is established and resilient (usually five years after seeding or planting), we conduct remote monitoring to ensure the forest is being successfully maintained and on track to achieve projected carbon commitments.

In 2018, our Revegetation team monitored over 2,600 hectares of land. This included 37 forests in Victoria, 13 in NSW. 4 in Queensland and 1 in New Zealand.

Where an area of planting has failed due to unexpected browsing, drought, flooding or other factors, Greenfleet may elect to undertake remedial action such as in-fill planting.

In 2018, we replanted 17,106 trees across six sites as part of our commitment to maintaining our growing forests.

For instance, the dry conditions in south-east Queensland impacted some of our previous revegetation activity. A number of seedlings planted in 2016 on our Koala Crossing site were unfortunately lost. In collaboration with the land managers at Queensland Trust For Nature, Greenfleet undertook a replanting across 3.5 hectares of the property.

Another example is the forest planted at Glorious Googies, a free-range egg farm in Gippsland, Victoria, where wallabies grazed on some of the young saplings. Two years after the initial planting, 75% of the site is growing well, but a particular area needed extra attention. Greenfleet returned to replant this area in winter 2018 and installed tree guards to prevent the wallabies from accessing the leaves until the trees are old enough to provide food and shelter to the native local wildlife.



### Our Partners

Greenfleet would like to thank the thousands of individuals, families, community organisations, universities, councils, businesses and government agencies who are taking real climate action with us.

Our work is only possible thanks to your on-going support.

In particular, we acknowledge our key corporate and individual supporters whose contributions in 2018 made a tremendous impact on our climate and environment.

Special thanks to both Smartgroup and its customers, and Telstra and its employees, for their on-going support of Greenfleet.

The following organisations have generously provided services or products pro-bono to Greenfleet:

Baker & McKenzie	Pitcher Partners
Connecting Up	Salesforce Foundation
Google Adwords	Wilson Parking

### Join our Greenfleet community today!

Greenfleet is passionate about our partnerships and achieving practical climate action.

Please contact us for further information and a simple proposal based on your business needs.

Email partnerships@greenfleet.com.au or phone (+61 3) 9642 0570



### Thank you to our key corporate supporters in 2018

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