



REFOREST NOW

ECOSIA PROOF OF DELIVERY REPORT #2

26/06/2020

Tree total to date: 13,399



Image 1 Conan, Tashi and Maximo from Reforest Now at Federal 2 Site in northern NSW

To date, Reforest Now has planted 13,339 Ecosia trees of 26,446 trees funded through your community in January 23rd of this year.

This second round of planting was completed over the period of 28th April to the 20th of June 2020. This occurred across six sites, some of which contain several endangered species, remnant rainforest or other thriving aspects of ecology. Two of these sites are adjacent and connected by assisted rainforest regeneration work we are also completing. This will have combined positive effects over more than 60 hectares of regenerating rainforest and plantings over the coming years. These exciting locations (in Federal, NNSW) feed onto the largest rainforest river system in the region. The Wilson's river, home to many endangered species.

Despite intensive Australian Covid-19 lockdowns and the difficulty in completing site partner arrangements in this time, we have secured five out of six sites with planting directly onto waterways that will increase regional moisture and reduce water loss via evaporation, helping to prevent future drying that allow rainforest to burn on our driest years.

In rainforest areas such as the Byron Shire, a great deal of regional benefit can be generated this way, as tremendous water storage in our river systems is possible if they are enriched with tree shade, strong root systems and deep contiguous forests. Recovering these natural assets increases water in not just local microclimates, but will have much further reaching effects.

It has been a great planting year thus far, in our bushfire year of 2019, we received roughly 750mm of rainfall. So far we have 1420mm in just half a year, double in half the timeframe. Additionally, all your trees were planted with 600ml of water crystals and fertilizer and are already growing rapidly. In these conditions we expect impressive growth with many trees expected to be over 1 meter tall in their first year. Monitoring has been established to share this process with you.

We are thrilled to have your support and will continue to bring you outcomes.



Maximo Bottaro
Co-Founder and CEO



Zia Flook
Director of Partnerships and Communication

Tree Planting Table

Site Name	Planting Date	No. of trees	GPS	Main Tree Species
Myocum 2 (Conscious Grounds Organics)	10/06/2020	724	-28.613711° 153.497868°	Macaranga Black Bean Silky Oak Small Leaved Tamarind Bunya Pine Red Cedar River Mat Rush
Myocum 3 (Downs Drive)	18/06/2020	1035	-28.584776° 153.502801°	Blue Quandong Lilly Pilly Watergum Brush Box Sandpaper fig River Mat Rush
Main Arm	02/05/2020	348	-28.520092° 153.444793°	Lilly Pilly Red Bean Blue Quandong Sweet Pittosporum Tulipwood
Federal 1 (375 Coorabel Road)	28/04/2020	178	-28.638972° 153.481976°	Blue Quandong Black Bean Tulipwood Red cedar Pencil cedar Lilly pilly Sweet pittosporum
Federal 2 (315 Coorabel Road)	01/06/2020 08/06/2020 09/06/2020 20/06/2020	3390	-28.642358° 153.479096°	Tulipwood Flame tree Lilly Pilly Pencil cedar Red cedar Macaranga
Goonengerry 2 (Funky Farmers)	06/06/2020	925	-28.615786° 153.432393°	Blue Quandong Creek Lilly Pilly Watergum Brush box Hoop pine Plum pine

Nature Indicators

<p>1. Myocum 2 (Conscious Grounds Organics)</p>	<p>Ecological aspects The site is adjacent to a large natural pool that feeds into a complex degraded river system that would have once flowed through the entire Myocum region, prior to deforestation (still visible from satellite). This site also hosts existing rainforest plantings of over 40 ,000 trees that have been planted over the hillsides and around the natural pool. These must have been planted 15 years ago and are well established.</p> <p>Important other species of the site The site hosts a large Ibis colony (<i>Threskiornis Molucca</i>).</p> <p>Link to photos: https://drive.google.com/drive/folders/1nVnhA3Ne-gmFp-769Dj1UvfvEdUKGvlz?usp=sharing</p>
<p>2. Myocum 3 (Downs Drive)</p>	<p>Ecological aspects The site has a deep considerable creek running through it, it is totally deforested and due to suffer ongoing erosion. This creek is still of high function, despite cattle only recently being excluded from it. With reforestation and bank stabilization, the creek should deepen further and become a reservoir of even greater volumes of water (note this site is only minutes from the Myocum 2 site).</p> <p>Important other species of the site None detected.</p> <p>Link to photos: https://drive.google.com/drive/folders/1YoXGpwiQpeZRxqTQyemK244KRgtzcUHA?usp=sharing</p>
<p>3. Main Arm</p>	<p>Ecological aspects The site is contiguous with a very large natural creek that runs through several remnant rainforest areas of high conservation value. These adjacent forest systems are very well established and extensive.</p> <p>Important other species of the site Giant remnant Coolamon trees, giant Blue Quandongs, and other rainforest species exist in abundance around and near the site. A survey would very likely discover rare and endangered species along the creek line.</p> <p>Link to photos: https://drive.google.com/drive/folders/1aA0_WqgAAxSaPYkgNGCiv-Y94v5z_Fy0?usp=sharing</p>
<p>4. Federal 1 (375 Coorabel Road)</p>	<p>Ecological aspects Here, paddock is being converted to rainforest on a long steep slope running into rainforest creek. High native resilience exists in the surrounds and at the bottom of the site. Parts of the site will naturally regenerate to some degree if worked hard for the next 3 years. Some very old stranger fig trees and others on the land. This is a catchment site for orographic updraft if done fully and completely. It will over time increase water catchment significantly and raise the creek level. It is part of a much larger project to restore creek function as we are working across 4 contiguous</p>

properties on the same side of the river .

Important other species of the site

Very large old Stranger fig trees are found on the site, downhill from the planted area and a remnant Small Leaved Fig is found adjacent to the plantings. We will next clear the weeds to free the native recruitment under the giant to regenerate naturally and plant beyond that zone with Ecosia trees.

Birdwing vine FE
Pink Underwing Moth vine FE
Thorny Pea E
Macadamia tetraphylla E
Red Bopple nut E
Arrow vine E

(all marked FE support an endangered species, all marked E are endangered themselves).

Link to photos:

<https://drive.google.com/drive/folders/1k2ttm4zReDVUYu3G05WrprDq7dt00rkR?usp=sharing>

5. Federal 2 (315 Coorabel Road)

Ecological aspects

The site is directly adjacent to some of the oldest remnant trees found in the region, being over 80 years of age, and some perhaps being older and thus survivors of European settlement. There are several rainforest ecosystems in situ on two near sides of the planting area.

Important other species of the site

Being directly adjacent to Federal 1, almost all the same endangered species should be found here also.

Link to photos:

<https://drive.google.com/drive/folders/1tRXidfV7PJnaVhc0Ge0YY90FvcdxpxSV?usp=sharing>

6. Goonenger ry 2 (Funky Farmers)

Ecological aspects

This site is in great ecological condition. Kookaburras, Wompoo pigeons, Koalas Carpet pythons, Monitor lizards and other creatures are found on the site due to 40 years of organic farming and plantings of over 20, 000 rainforest trees and Koala food trees. While the entire area was probably logged over 100 years ago, our observations indicate it will soon have the appearance of remnant rainforest creek lines. A success story in a destroyed landscape.

Important other species of the site

We have not assessed the site, other than those common species noted above. The creek lines contain high biodiversity and perhaps some rarer species, based on this complexity.

Link to photos:

https://drive.google.com/drive/folders/1AD3X73iX4QT0EqImqH0etDj9CvB-_SCj?usp=sharing

People Indicators

*Note on differences between men and women income. The two founders/bosses at RN are men, working full time. The next managerial role is a female who works 30 hours per week and thus her pay is never equal to theirs due to hours. The next role down is the nursery manager, a woman, working just 18 hours a week. As such women will appear to have lower wages.

*Note on Unpaid salaries at reporting date. RN does not leave salaries unpaid or awaiting invoice payment. This is due to our accounting and income management systems, which include a float fund. This means all staff are paid within 1 week of completing any task and unlike normal business practices, most staff are paid on the day or the day after invoicing. These fields will be blank.

*Note on Unpaid/in kind labour. RN has no in-kind labour at this time, this is due to Covid 19. We are not taking volunteers for the time being. This field will be blank.

*Note on staff. There are approximately 13 RN staff on any one week. 7 women total and 5 men.

Nursery:

Females: Tashi, Chloe, Zia, Katie, Renata, Madeleine, Ella. (7)

Males: Josh, Matt, Romey. (3)

Land Preparation (including Earth augering work):

Females: Katie, Renata, Madeleine. (3)

Males: Mike, Maximo, Conan, Romey, Josh, Matt. (6)

Planting (same day as Land prep):

Females: Renata, Tashi, Chloe, Zia. (4)

Males.: Mike, Maximo, Conan, Romey, Josh, Matt. (6)

	Nursery			Land prep		Planting		
Paid Labour								
	Women	Men	Volunteers (Mix)	Women	men	Women	men	Volunteers (Mix)
#fulltime					2 (same staff)		2 (same staff)	
#parttime	7	3	Covid (no volunteers)	3	4	4	4	Covid (no volunteers)
lowest monthly salary	1200	1200	"	(same staff)	(same staff)	(same staff)	(same staff)	"
Average monthly salary	2880	3200	"	"	"	"	"	"
Unpaid salaries at reporting date	0	0	"	"	"	"	"	"
Unpaid/in kind labour (INACTIVE)								
#participants	0	0						
average time invested in days	0	0						
compensation	0	0						