



To our donors at Patagonia and Southern Cross Credit Union.

We were overjoyed when both of our applications for expanding our nursery were positively received by you both. This has allowed for us to create considerable infrastructure that will enable us to generate a stronger economy within ReForest Now, including; more stable work hours for nursery staff, far more trees produced and plantings to be achieved. We are excited to share with you this report. Additionally, a professional video is being produced to credit you both, due before end of July.

One further note. Work on the tunnel progressed extremely rapidly at first, with the steel and tunnel cover installed back in March. However, when we first attempted to share this milestone online, we were forced to take it down, as a formal complaint was made about the tunnel from a nearby resident and a full stop was put on our works for two months, until the 5th of June.

Since then we have completed the agreed objective and begun stocking the tunnel with trees. As it stands it holds around 6,000 trees and will contain more before we make our video report crediting you both this month.

We thank you for your patience with our Council hold up and look forward to inviting both parties to attend soon to view the completed works. As agreed, both your logos are being printed in thanks and will be mounted on the tunnel this week.

Project Aim

The original aim of the grants we applied for Patagonia and for Southern Cross Credit Union was to build a tunnel as an addition to our nursery planned to be 14x12m (168m²). This was to increase our capacity to produce trees from 18,000 to 38,000. This new tunnel alone would achieve 6.6 hectares of tree planted per year.

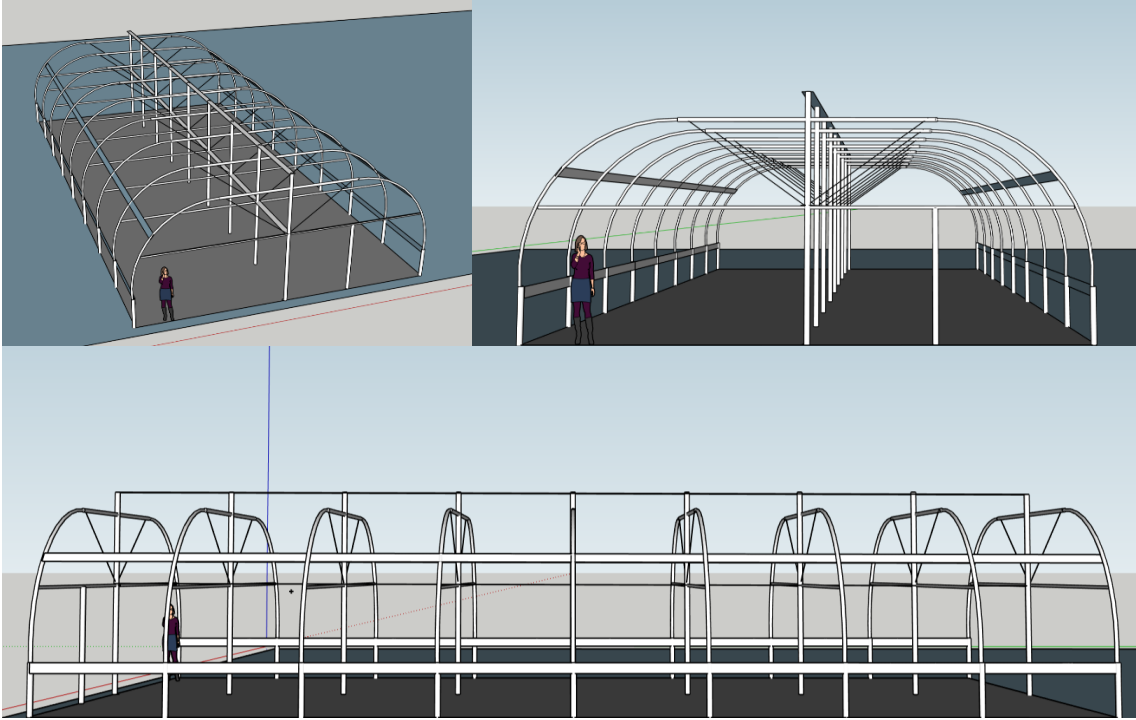
*Note * At the time of writing these grants we were experiencing a bottleneck in nursery production, meaning we did not have the space to grow the number of trees our community and donors wanted to fund. This issue, grew and continued to drain our resources in 2020, where we spent over \$45, 000 buying in trees we did not have the space to grow ourselves, directing our not for profits funds towards commercial nursery businesses.*

Our nursery and its capacity to produce, is fundamental to our vision and mission and is a place where community come to take part in local conservation work.

Project Outcome

The combined funds from you both has allowed us to build a bigger, more efficient, and better-quality tunnel. We were able to expend greater resources on a setup that was not only large but could produce more trees than expected by a large margin.

Tunnel structure



The new tunnel now finished, stands at 20x10m tunnel (200m²), by around 4m high. We purchased two grades of pots for the tunnel at 70mm and 50mm and the associated trays. What was promised was a production of 20, 000 trees per year.

We were also able to invest in a far better table setup, which means a safer environment to work in and also higher production. We built these inhouse.

With a mixture of pot sizes we can produce 20, 000 trees per 4 months.

The Patagonia/SCCU tunnel can at full capacity, produce 60, 000 trees per year.

Timeline of the project

SCCU grant received on 10th Dec, 2019.
Patagonia grant received on 16th Dec, 2019.

Week 1 - 3 : Design and sourcing of materials

Week 4 : Weed mat, plinth, and stone flooring completed.

Week 5: Basic steel structure installed.
Steel tables ordered.



Week 5

Week 7 - 9 : Structure reinforced and tables hand built.

Week 9 – 12 : Canopy of tunnel installed.
Steel reinforcement added.
Front of tunnel partially completed.
Ventilation added.



Week 13

Weeks 13 - 21 : **Council hold up.**
Structure verified.
Access to site verified.
Other issues resolved.

Weeks : 22 - 24: Completion of tunnel ends,
final
placement of tables and irrigation,
installation of automatic irrigation system.



Week 25

Weeks: 25 - 26 :
Stocking with approx. 6, 000 trees and final
adjustments to overall form.

Inside the new nursery tunnel at 25 weeks – set to grow the first 7000 trees!



Budgets and Expenditure

Patagonia - ReForest Now

Nursery Expansion Budget given with grant application

STAGE 1 / 2 ---- Construction wages							BUDGETED
RN project manager	116 hours labour	Construction Management		\$	3,500.00		\$ 3,500.00
		Report writing to Patagonia		\$	750.00		\$ 750.00
Builder Labourers	200 hours labour			\$	4,500.00		\$ 4,500.00
STAGE 1 ---- Structural materials (frame, floor, steel, roofing)							AUD
Solar Weave plastic roofing and walls		168 square meters roof and sides of 144	312	\$	8.00 per square meter		\$ 2,496.00
Structural Steel		44	pieces	12.00 per piece			\$ 5,000.00
Weed mat flooring (Heavy duty)			200 square meters				\$ 500.00
Steel joiners			132	\$	5.00 per piece		\$ 660.00
Shade cloth (for venting walls)		72	square meters	\$	3.96 per meter at 1.8m widths		\$ 285.12
STAGE 2---- Stocking materials (things that go inside)							AUD
Supertube pots		7000	pots	cost per pot	\$ 0.38		\$ 2,660.00
Supertube trays		350		cost per tray	\$ 2.77		\$ 969.50
Hose clamps	100	units		\$ 1.50 per unit			\$ 150.00
Inline taps	5			\$ 8.00 per unit			\$ 40.00
Misting heads	\$ 7.23	cost per mister	81		needed		\$ 585.63
Misting timer	\$ 99.00	per unit					\$ 99.00
Misting Shafts	\$ 2.54	Cost per shaft	81		needed		\$ 205.74
25mm Poly irrigation pipe	11	runs of irrigation	14	meters long	184	meters	\$ 276.95
STAGE 3 ---- In-kind labour contribution by ReForest Now (to be completed now)							AUD
Volunteer meals to support potting up	500	trees per week	7000	plants	14	weeks until new tunnel is full	\$ 700.00
Volunteer equivalent labour during stage 2 of potting up	500	trees per week	7000		14	weeks of labour	\$ 3,500.00
Soil to pot 7000 trees	7000	cost per tree	\$ 0.20				\$ 1,400.00
Pine timber for benches; poles, fence posts, structural MGP10	9	per square meter	168	square meters			\$ 1,512.00
Mesh reinforcing	5	per square meter	168	square meters			\$ 840.00
Contingency		assuming unexpected costs during stage 1 or 2					\$ 1,531.50
Second Report to Patagonia		Demonstrating completion of stage 2					\$ 500.00
							AUD
Total Budget for grant							\$ 22,677.94
Requested of Patagonia							\$ 20,660.01

Patagonia Expenditure (following budget)

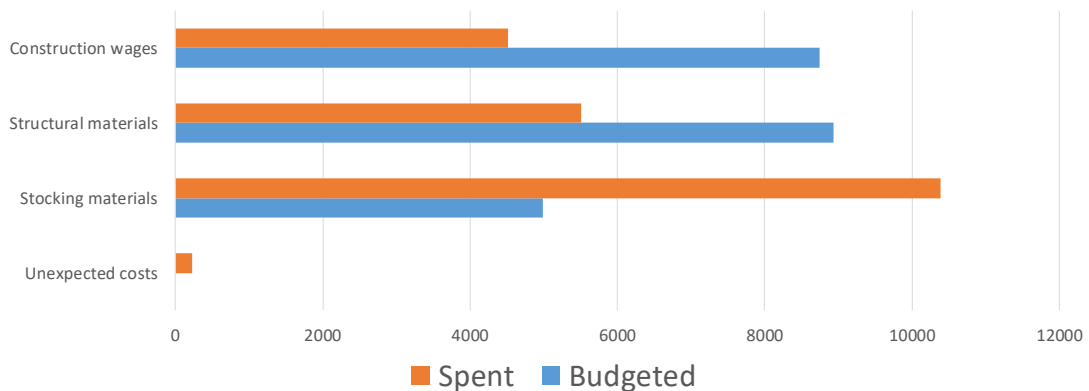
Expenditure from 19 Dec 2019 to 20th June 2020

STAGE 1 / 2 ---- Construction wages		SPENT
Construction labour		\$ 4,520.00
STAGE 1 ---- Structural materials (frame, floor, steel, roofing)		
Ground stone		\$ 1,732.00
Structural steel		\$ 3,069.10
Shade cloth and accessories		\$ 578.37
Steel delivery costs		\$ 104.50
Scree tool for flooring		\$ 20.00
STAGE 2---- Stocking materials (things that go inside)		
Seed collection		\$ 1,325.00
Propagation and soil		\$ 295.17
Steel tables		\$ 7,781.73
Collection costs		\$ 160.00
Wire dressings and structural for tables		\$ 311.85
Wire and table cutters equip		\$ 517.70
Unexpected costs		
Additional equip needed for construction		\$ 231.04

Total spent

\$ 20,646.46

Spent vs Budgeted



Southern Cross Credit Union Expenditure (No budget was used for this grant)

Expenditure from 13 Dec 2019 to 16th Mar 2020

STAGE 1 / 2 ---- Construction wages	SPENT
Construction labour	\$ 1,580.00
STAGE 1 ---- Structural materials (frame, floor, steel, roofing)	
Full solarweave tunnel cover (20m long by 10m wide, plus ends)	\$ 1,701.63
Additional greenhouse materials	\$ 749.00
Construction materials and expenses	\$ 861.89
Small building materials	\$ 135.30

Total spent

\$ 5,027.82

ReForest Now In-kind Contribution

Expenditure from 11th Dec 2019 to 4th Apr 2020

STAGE 1 / 2 ---- Construction wages	SPENT
Construction labour	\$ 860.00
STAGE 1 ---- Structural materials (frame, floor, steel, roofing)	
Small equip for internal furbishings	\$ 183.24
Additional gravel	\$ 73.00
Unexpected costs	
Development Application with Byron Shire Council	\$ 1,026.00

Total spent

\$ 2,142.24

The total expenditure on this project from all listed sources is \$27, 816.52 AUD.

Thank you for supporting us on our mission.

We are excited to be working now at the capacity we have been wanting for some time. You very much have our gratitude. We look forward to hosting Patagonia and SCCU staff to inspect the final result in this month of July or if need be, August 2020, as best suits.

Yours Sincerely,

A handwritten signature in black ink, appearing to read 'Maximo Bottaro', with a stylized flourish at the end.

Maximo Bottaro - President

A handwritten signature in black ink, appearing to read 'Michael Martin', written in a cursive style.

Michael Martin – Vice President

A handwritten signature in black ink, appearing to read 'Zia Flook', written in a cursive style.

Zia Flook – Director, Partnerships and Communications