

Community Development and Poverty Alleviation In Madagascar

Roley Noffke
HYDROMULCH (Pty) Ltd.
Johannesburg,
Republic of South Africa
Email: roley@hydromulch.co.za



Extensive erosion resulting from high winds occurred to the side slopes of the excavated dune necessitating the implementation of wind control barrier netting and sand fixing techniques using vegetation











The propagation process was a stimulating and incentive program for the younger generation as they were developing new skills.



A typical Vetiver market day that was well supported by sellers from different farming communities in the area







The Vetiver supply process involved all members of the community who collected viable and strong plant material from various sources

Families and communities all got involved in the Vetiver selling process.



The Vetiver farmers received potting bags, fertiliser, spades, rakes, plastic watering cans, wheelbarrows and the growing material from HYDROMULCH.



In the Mangaiky Village of the “Andre” community, HYDROMULCH trained the community members where over 430,000 plants have been propagated to date



The Antahova family in the Mangarivotra Village proudly displayed their Vetiver nursery where they reached their target of 110,000 plants.



Maria Agnes's family from the Mandromdromotra village propagated in excess of 120,000 Vetiver plants.



Farmer Auguste built a large solid house with the income generated from the propagation of Vetiver at his nursery.



The Garry's family nursery from the Beloto Village near Fort Dauphin where over 120,000 have been propagated to date.



The Cascades nursery in the Manantantely area was the only professional nursery initially contracted to produce Vetiver plants for the project. An initial order of 210,000 had been successfully propagated.



The “on site” holding nursery with a stock carrying capacity of around 100,000 plants.





Nursery	Name of Source	Location	No. Vetiver Plants Supplied
P1	Garry I	Beloto	220,000
P2/P3	André/Auguste	Mangaiky	860,000
P4/P5	Marie-Agnès/ Antahova	Mandromo- Andromotra	260,000
P6/P7	School/Jean Marie	Morafeno/ Montifeno	55,000
P8/P9	Arthur/Marie Mariette	Ampasy/Ambaniala	290,000
P10/P11	Claudia/Cascade	Andrakaraka-Manantantely	240,000
P12/P13	Hydromulch/Guillaume	Beloto/Andramaka	79,000
P14/P15	Razafy/Jonesy	Analabendra	410,000
P16/P17	Garry II/Bari	Andranara/Belavenoka	210,000
P18/P19	TomTom/Masy Flomene	Manambaro/Befeno	440,000
P20/P21	Nesta/ Damy Pero	Befeno	40,000
P22/P23	Rasoa/Damy	Befeno	50,000
P24/P25	Damy/ Pelakoa	Befeno	60,000
P26/P27	Mbola/Nestor	Manambaro	70,000
P28/P29	Zafy/ Havo	Befeno	35,000
P30/P31	Pelavao/ Berton	Befeno	50,000
P32	Dede	Manantantely	62,000
	TOTAL		3,080,000

These communities have been well trained in propagation techniques and micro- financial management. They are now more than capable of being able to continue with the propagation of other vegetative species.

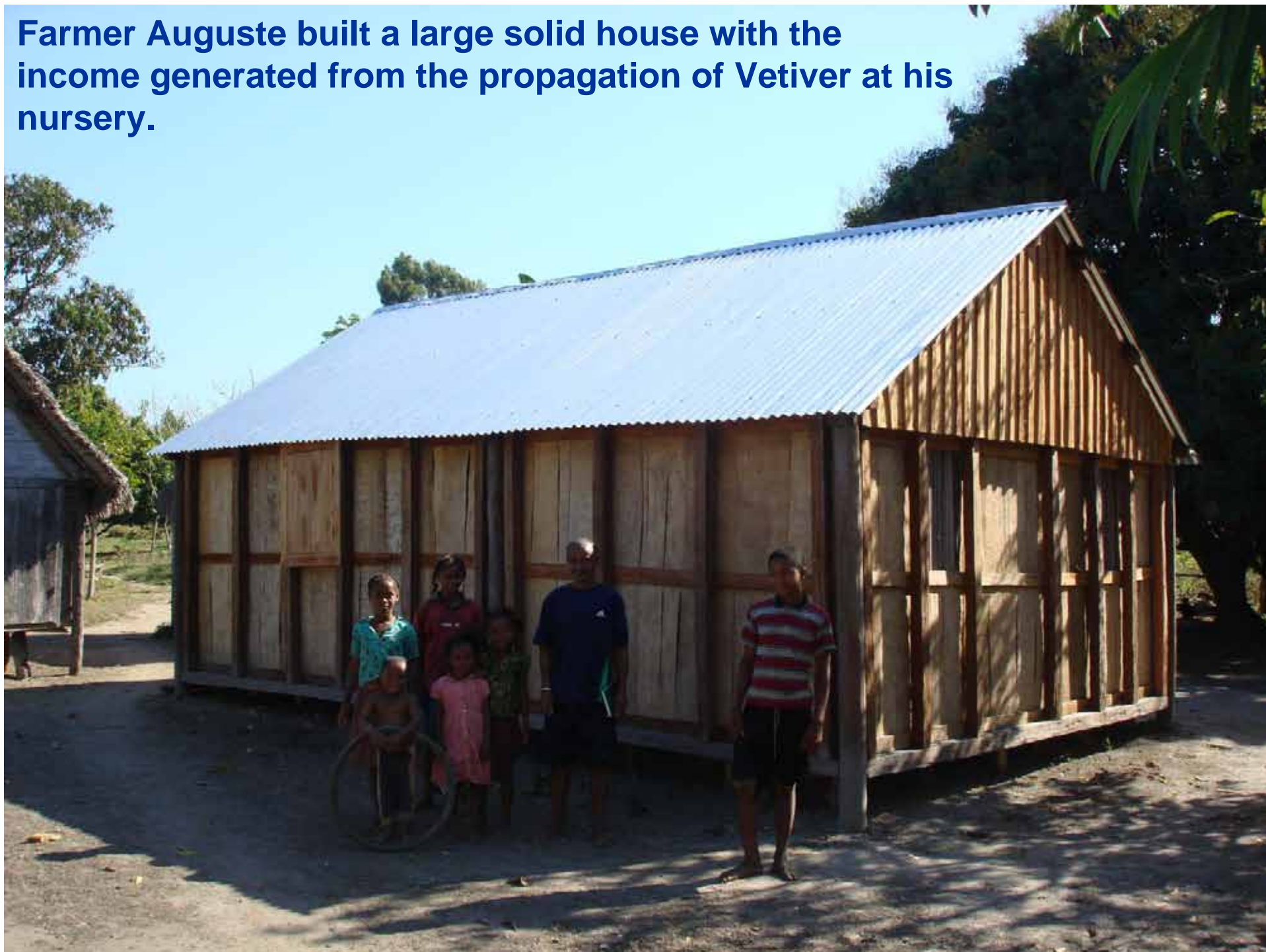


All available space around his dwelling is utilised by the farmer “Arthur” to maximise production his Vetiver plants



- **This community based “Vetiver propagation program” has generated approximately (US \$ 250,000.00) collectively to the respective communities within the construction period.**
- **It is most interesting to experience the positive outcome that has been generated by the community program where some farmers have benefited from the financial returns on their efforts and invested their returns in buildings and cattle.**

Farmer Auguste built a large solid house with the income generated from the propagation of Vetiver at his nursery.



Madam Marie Agnes from the Mandromodromotra area built a secure house for her and her grandchildren with the income generated from the propagation of Vetiver.



Andre David Mahalogny from the Mangaiky district purchased 6 Zebu cattle with the proceeds from his Vetiver nursery.



HYDROMULCH had in addition to its community participation, employed 52 people from the local community who have, over the past 30 months been working on the project and have been trained in various skills ranging from seed collection, planting techniques for Vetiver on contours, maintenance of vegetation, placing barrier netting, soil preparation and hydroseeding.



Many of the old HYDROMULCH staff have joined the QMM environmental team and are continuing with the experiences learned over the construction period.



It is hoped that these communities will be able to continue with their exploits and that they will be able to expand their knowledge into other lines of agriculture as the growing demand for fresh produce for the employees of the mine over the next 50 years will sustain them.

