



seed **madagascar**

sustainable environment, education & development



SEED Madagascar Annual Report 2017

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Acronyms and Definitions

Anti-SIDA - Anti-AIDS	HV - Household Visit
BL – Base Line Survey	IEC – Information Education Communication (materials)
BV - Blue Ventures	IEC – Information Education and Communication
CEAP – Community Environment Action Plan	IPM – Pasteur Institute of Madagascar
CEG – Middle School	IUCN – International Union for Conservation and Nature
CISCO – Fort Dauphin District Education Authority	LMMA - Locally Managed Marine Area
CHC - Child Health Course	MBRL – Manafiafy Beach and Rainforest Lodge
CLO – Community Liaison Officer	MEL (M&E) - Monitoring, Evaluation and Learning
CLTS – Community Led Total Sanitation	MoH – Ministry of Health, Anosy Region
COBA - Community Forest management structure	MNP - Madagascar National Parks
CSB - Public Health Centre	MOU – Memorandum of Understanding
CSO – Community Service Organisations	MRC – Mahatalaky Rural Commune
Dina – Community set rules/regulations	MSM – Marie Stopes Madagascar
DIREAH - Regional Ministry for Water, Sanitation and Hygiene	NTZ – No Take Zone
DIREL – Inter-Regional Directorate for Livestock	PD – Project Development
DREEF - Regional Ministry for Environment, Ecology & Forests, Anosy Region	PETAL – Protecting Environment through Alternative Livelihoods
DREN – Regional Education Directorate	PHE – Population, Health and Environment
DRRHP – Regional Fisheries Directorate	PSI – Population Service International
DSV – Directorate of Veterinarian Services	PY – Project Year
EL – End Line Survey	QMM – QIT Madagascar Minerals
EPP – Primary School	RLP – Rural Livelihoods Programme
FD – Fort Dauphin	SCP – SEED Conservation Programme
FDUC – Fort Dauphin Urban Commune	SEED – SEED Madagascar
FG – Focus Group	SRHR – Sexual Reproductive Health Rights
Fokontany – district/region	TMC – Tatirano Management Committee
FIAMI - Ampotatra community organisation	URL – Lobster Research Unit
FIMPIA – Forest Police Association	WASH – Water Sanitation and Hygiene
FISOTA - Tanambao community organisation	WCS – Wildlife Conservation Society
FTA - Ambinanikely community organisation	Welthungerhilfe – World Hunger Help
GA – Government Agent	WWF – World Wildlife Fund
GIZ – German Technical Institute for Development	

SEED Madagascar Projects 2017

The acronym SEED (sustainable environment, education and development) reflects our holistic approach to projects; all of which are built around the most pressing and directly expressed needs of disadvantaged communities. Cross-departmental collaboration between SEED's four programmes – Community Health, Sustainable Livelihoods, Environmental Conservation and Education infrastructure – maximises progress towards SEED's central mission: to enhance the capacity of individuals, communities, organisations and governmental bodies in fulfilling sustainable development and conservation goals in southeast Madagascar.

SEED has worked hard to fulfil this mission throughout 2017. While numerous achievements have been made throughout its programming, some highlights include; solidifying a partnership of the Ministry of National Education to include a rights-based approach to sexual and reproductive health education, completing construction of three schools and two latrine blocks in Manambaro, conducting pioneering research and practical conservation in the Sainte Luce Littoral Forest and increasing income from for rural beekeepers by over 200%. The following report provides an overview of all SEED's projects and programmes in 2017, our Government and stakeholder partners and highlights how SEED's achievements contribute to the Global Goals for Sustainable Development.

Health and Water, Sanitation & Hygiene (WASH)

Project Votsira (Phase 3 Module I):

Improving women's health practices by increasing access to sexual, reproductive, maternal and child health information

Location: Fort Dauphin Urban Commune, Anosy Region, Madagascar

Partners: GAs; MoH; Medical staff of CSB I and CSB II; Fort Dauphin Urban Commune

Project Duration: July 2015 – June 2017 (completed)

1,408 Home visits & 352 Focus groups conducted
Information dissemination at 265 antenatal sessions
Decrease from 54% at Baseline to 1% at Endline of women reporting that they would dump colostrum following next birth
Increase from 0.5% at baseline to 94% at endline of women reporting that they had (or would) attend postnatal visits





Beneficiaries from the maternal health module including focus group attendees and two mothers at an antenatal session

Project Votsira (Phase 3 Module II):

Improving child health in Fort Dauphin

Location: Fort Dauphin Urban Commune, Anosy Region, Madagascar

Partners: GAs; MoH; Fort Dauphin Urban Commune

Project Duration: July 2017 – June 2019 (ongoing)

A child health education course developed in collaboration with Ministry of Health
 11 Government Agents trained to deliver comprehensive information on malaria, diarrhoea and pneumonia
 1st round completed: 396 Home visits & 88 Focus groups delivered
 Participatory workshop with Government Agents conducted to design IEC materials for 1,400 beneficiaries



Three of the estimated 4000 children under-5 who will benefit from improved health and nutrition through education with mothers & primary caregivers

Project Safidy Phase III:

Scale-up of resources developed during earlier phases of Safidy to improve sexual health education and awareness of school students in Fort Dauphin and development of nationwide SRHR Network to improve sexual education across Madagascar

Location: Lycée Pôle (High School), Fort Dauphin Urban Commune, Anosy Region, southeast Madagascar

Partners: Fort Dauphin Urban Commune, Lycée Pôle Fort Dauphin, Lycée Pôle Club Anti-SIDA, Marie Stopes Madagascar, PSI Madagascar/Top Réseau, INA AIDS, AFSA, VARA/MAD'AIDS, ONG ASOS, CTV Amboanato Hospital, Fort Dauphin Medical Centre, SE/CNLS, DRSP, The Ministry of Education, Madagascar Population, Health & Environment (PHE) Network.

Project Duration: October 2016 – October 2018

Partnership with the Ministry of National Education to develop Sexual and Reproductive Health Rights Education culminated in November 2017.

Number of students agreeing/strongly agreeing to the statement "a person in a sexual relationship should always have the right to say no to sex" increased from 38% to 88% after sexual and reproductive health rights lessons were delivered.

Pilot sexual and reproductive health and rights curriculum showed increased knowledge of condom use after receiving lessons from 19% to 84%.



Project Tatirano Phase II:

Improving access to clean drinking water via rainwater harvesting in the Anosy Region, southeast Madagascar

Location: Mahatalaky Rural Commune, Anosy Region, Madagascar

Partner: Travers Cox Charitable Foundation

Project Duration: January 2017 to January 2019

10 rainwater harvesting systems installed and providing clean drinking water to over 40 individuals on a regular basis;
9 education sessions on maintenance of the systems and safe hygiene practices delivered to senior women in participating households.



Finished Tatirano system with metal roof



Tatirano promotional event in Sainte Luce



System providing clean water

Project Fatsaka:

Increasing long-term access to clean drinking water

Location: Mahatalaky Rural Commune, Anosy Region, southeast Madagascar

Project Duration: April 2017 – September 2018

13 well committees established with over 40% women's representation
16% increase in people using a safe drinking-water source
Two wells repaired and fully functional by project month six
Improvements in water quality and sanitation at 14 wells



A woman uses broken well open to contamination to retrieve water at baseline



Marovato Village take community action in cleaning around their well site



A young boy takes water from his functional and sanitary water source

Conservation, Environment and Sustainable Livelihoods

Project Rufus:

***In situ* conservation of the *Pteropus rufus* fruit bat in the Sainte Luce littoral forest, southeast Madagascar**

Location: Sainte Luce littoral forest, MRC, Anosy Region, southeast Madagascar

Partners: COBAs; DREEF; FIMPIA; MRC; Miaro Committee; QMM; MBRL

Project Duration: January 2016 – on-going

84% survival rate of fig and guava trees planted
2 generations of bats born in the exclusion zone
200 local children reached through 2 outreach conservation clubs
2,000 individuals informed of *P.rufus* benefits through World Environment Day celebrations



Pteropus rufus



Club Atsatasky



Fig and guava trees planted on
World Environment Day

Stitch Sainte Luce (Phase IV):

expanding, strengthening and increasing the independence of a women's embroidery Cooperative, positioning it to provide reliable incomes and long-term sustainable livelihoods to women in Sainte Luce without external donor funding

Location: Sainte Luce, MRC, Anosy Region, Southeast Madagascar

Partners: Sainte Luce Fokontany; Soatanana Silk-weaving cooperative; MBRL

Project Duration: October 2017 – October 2019

Expansion of the Cooperative to 80 members
Stitch operating as a fully self-sufficient, autonomous organisation
Stitch running a profitable and sustainable business accessing a range of national and international markets



Esterline, President of Stitch



Health CLO from ONG Azafady, Lea
delivering the WASH seminar



Anastasy sewing together a cushion
cover.

Project Microcebus:

Promotion and *In situ* conservation of an undescribed species of *Microcebus* in the Sainte Luce littoral forest, southeast Madagascar

Location: Sainte Luce Littoral Forest (SLLF), MRC, Anosy Region, southeast Madagascar

Partners: COBAs; DREEF; FIMPIA; MRC; p QMM; MBRL

Project Duration: April 2017 – present

20 *Microcebus* tissue samples collected, genetic analysis of tissue samples conducted

Data submitted for IUCN Red List formal categorisation of *Microcebus sp. Nov.*

Analysis of *Microcebus sp. Nov.* geographical range in SLLF

Open access journal article published on *Microcebus sp. Nov.* and its conservation in Sainte Luce





Microcebus sp. Nov.



Capturing and collaring



Community meeting

Project Renitantly:

Developing beekeeping as a sustainable livelihood in rural communities

Location: Beandry, Sainte Luce, Tsagnoriha, Farafara Vatambe, Mahalambo and Manananara II; Anosy Region; Madagascar.

Partners: GIZ, DIREL, DSV, Asity, FA.FA.FI, ONG SAHA, Welthungerhilfe, DRCC, DRAE, CDGE and Honey and Soga

Project Duration: September 2016 – August 2019

Increased income from beekeeping by 255%

Two collaborations with honey and beeswax product suppliers already established

48 beekeepers receiving quarterly training to improve their beekeeping skills

Up to 7,500 wider community members sensitised to the tangible benefits of beekeeping



The Local Beekeeping Specialist and Community Liaison Officer delivering training in honey harvesting



Project Renitantly Beekeepers at the Annual Festival de Meil Anosy



A Project Renitantly beekeeper checking his hive, using equipment provided to him through the equipment investment programme

Project Fagnary (pre-phase): Promoting sustainable lobster fisheries management

Location: Sainte Luce, Elodrato and Itapera, MRC, Anosy Region, Madagascar

Partners: DRRHP, URL, IHSM, Chefs Fokontany (Sainte Luce, Ebakika, Itapera), Chefs ZAP (Mandromodromotra and Mahatalaky), Chefs Commune (Mahatalaky and Mandromodromotra) and the Mahatalaky Gendarmerie, Madapêche and Martin Pêcheur.

Project Duration: July 2017 – September 2018

Re-engage the communities of Elodrato, Itapera and Sainte Luce in community based local fishery management
Establish baseline information on both community and ecological needs
Strengthen local and regional capacity to implement adaptive, sustainable fishery management



The community of Elodrato's fisher committee attend a project meeting



Catch composition is recorded in Sainte Luce



Sainte Luce's fisher committee assemble to discuss project objectives

Project Fano: *In situ* research and community-led conservation of loggerhead turtles in Sainte Luce, southeast Madagascar

Location: Sainte Luce littoral forest, MRC, Anosy Region, southeast Madagascar

Partners: Manafiafy Beach and Rainforest Lodge, Sainte Luce Turtle Committee

Project Duration: November 2017 – March 2018

10 turtle committee members trained in data collection and surveying techniques
Daily beach surveys to see present of nesting turtles, since November 12th 2017
100 local children reached through 2 conservation clubs



Images of loggerhead turtles seen during research surveys

Conservation club

Education

Project Serasera: to produce and distribute bespoke English Language media resources to High School students

Location: Fort Dauphin, Anosy Region, Madagascar

Partners: CISCO; CEG Lanirano; CEG Tanambova; CEG Referencé; Lycée Pole; and an additional private CEG & Lycée, Sacré Coeur.

Project Duration: June 2015 – May 2017

323 resources distributed
Percentage point increase of 30 for students scoring top marks in reading assessments
Percentage point increase of 11 for students scoring top marks in listening assessments



Images from recent presentations of the resources in schools

SEED & ONG Azafady Partnership Projects 2017

During 2017, two of our projects were implemented through partnership with a local NGO, Azafady. They acted as an implementing partner for these projects, whilst SEED was responsible for securing funding and supporting the design and management.

Project Malio:

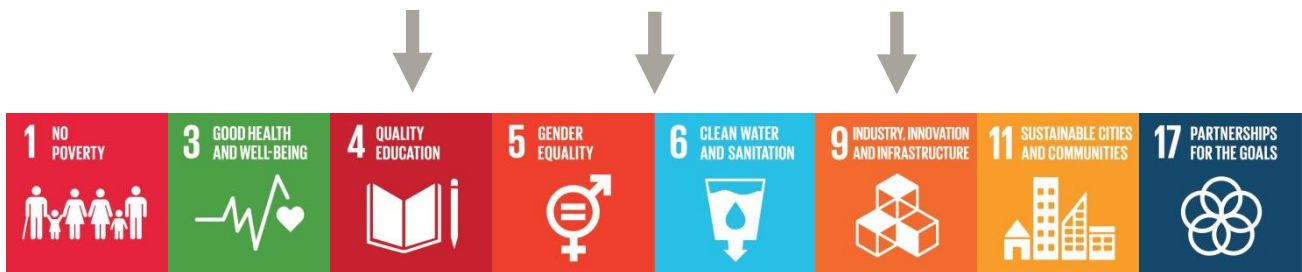
Reduced the practice of open defecation, increased access to safe sanitation infrastructure and promoted the uptake of improved hygienic behaviours including handwashing and water treatment in the urban commune of Fort Dauphin

Location: FDUC, Anosy Region, Madagascar

Partners: ONG Azafady; Regional WASH committee - comprised of the Ministry of Water, the Ministry of Education, senior Malio staff and Diorano WASH (national WASH network); FIAMI; FTA FISOTA; The Scouts Association

Project Duration: April 2014 – March 2017

**Increased access to sanitation for 11,000 people
11 schools achieving Friend of WASH status
Communal latrine accessed by 10 users per day**



Left: Students participate in hand washing relay races at a mass mobilisation; Middle: Schools and organisations march to raise awareness of World Latrine Day; Right: The Mayor washes his hands to raise awareness of good hygiene practices at Global Handwashing Day

Project Sekoly Manambaro:

provision of improved school infrastructure, including three new buildings and new sanitation facilities for Manambaro Lycée (High School) – Modules I and II

Location: Manambaro Rural Commune, Anosy Region, southeast Madagascar

Partners: Manambaro Lycée, Manambaro Rural Commune, DREN, CISCO, FRAM

Project Duration: April 2015 – November 2017

3 new school buildings constructed
2 new latrine blocks
Increased capacity at the school for 240 students



Outside of new school building



The first school building from Module 1 (left)
and the first school building from Module 2
(right)



Inside of new school building

Volunteering Programmes

English Teaching Programme:

Accepting volunteers from abroad to teach for a duration of two weeks to one year in order to build capacity of national staff members, local schools and rural communities.

Location: Anosy Region (Fort Dauphin, Sainte Luce and Mahatalaky).

Programme Duration: 2010 – Present

Taught 78 sessions at the Chambre of Commerce and Chef de Regions office

Implemented an English Club at the High School for students

Provided 34 teaching support sessions and 16 lessons to the English teacher of the middle school at Lanirano.

Provided English lessons to 21 staff across the NGO

11 International volunteers supported this programme



Volunteers teaching English

Pioneer & Short Term Construction:

Hosts volunteers from across the world to work on the development programmes managed by SEED Madagascar

Location: Remote based, Anosy Region (Typical locations include Fort Dauphin, Manambaro, Mahatalaky, Sainte Luce)

Programme Duration: 2002 until present.

9 volunteers participated in the Pioneer programme with a further 18 participating in the 3 week construction programme



Volunteers participating in various parts of construction work

SEED Madagascar Conservation Programme: integrating scientific research with community conservation to build knowledge and capacity for sustainable conservation efforts

Location: Sainte Luce, Anosy region, South-East Madagascar

Partners: FIMPIA, COBA. Mahatalaky Commune, QMM, Manafiafy Lodge, DREEF, DREEMF, Peace Corps

Project Duration: Ongoing

34 research volunteers assisted the team in conservation research and environmental learning sessions in Ste Luce



Children planting fruit trees for World Environment Day.



Some of the wildlife found on surveys in Sainte Luce this year – Collared brown lemur (left) and Warty chameleon (right).