

2017-2018 Plan Vivo Annual Report

Mikoko Pamoja

Submitted by the Mikoko Pamoja Community Organization

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Acronyms

ACES	Association for Coastal Ecosystem Services
CFA	Community Forest Association
CS	Cabinet Secretary
ESPA	Ecosystem Services for Poverty Alleviation
GOGACOFA	Gogoni-Gazi Community Forest Association
GHGs	Greenhouse Gas Emissions
KCDP	Kenya Coastal Development Project
KFS	Kenya Forest Service
KMFRI	Kenya Marine & Fisheries Research Institute
MPCO	Mikoko Pamoja Community Organisation
MPSG	Mikoko Pamoja steering group
NGO	Non-governmental Organisation
PES	Payment for Ecosystem Services
PFM	Participatory Forest Management
PDD	Project Design Document
PS	Principal secretary
PVC	Plan Vivo Credits
WIOMSA	Western Indian Oceans Marine Symposium Association
WWF	World Wide Fund for Nature

Glossary

Agroforestry; is a land use management system in which trees or shrubs are grown around or among crops or pastureland.

Blue Carbon; The carbon captured by living organisms in oceans which is stored in the form of biomass and sediments in mangroves, salt marshes and sea grasses.

Carbon credits; A carbon credit is a generic term for any tradable certificate or permit representing the right to emit one tonne of carbon dioxide or the mass of another greenhouse gas with a carbon dioxide (tCO₂e) equivalent to one tonne of carbon dioxide.

Plan vivo foundation; The Foundation reviews and registers projects according to the Plan Vivo Standard, issues Plan Vivo Certificates annually following the submission and approval of each project's annual report, and acts as overall 'keeper' of the Plan Vivo System which is periodically reviewed in consultation with projects and other stakeholders.

Zonation; is a conservation planning framework and software. It produces a hierarchical prioritization of the landscape based on the occurrence levels of biodiversity features in sites (cells) by iteratively removing the least valuable remaining cell while accounting for connectivity and generalized complementarity.

Summary

Project overview	
Reporting period	1st January 2018– 31st December 2018
Geographical areas	Gazi bay mangrove forest
Technical specifications in use	Mikoko Pamoja

	Historical (2014 - 2017)	Added/ Issued this period (2018)	Total
No. smallholder households with PES agreements	0	0	0
No. community groups with PES agreements (where applicable)	1	0	1
Approximate number of households (or individuals) in these community groups	498	0	498
Area under management (ha) where PES agreements are in place	117.4 ha	0	117.4 ha
Total PES payments made to participants (USD)	\$52,728	\$5,963	\$58,691
Total sum held in trust for future PES payments (USD)	\$32,779*		
Allocation to Plan Vivo buffer (tCO ₂)	1,407	338	1,745
Saleable emissions reductions achieved (tCO ₂)	7,968	1,912	9880
Unsold Stock at time of Submission (PVC)			0
Total Unsold Stock (PVC)			0
Plan Vivo Certificates (PVCs) issued to date			7,968
Plan Vivo Certificates requested for issuance (2018 Vintage)			1,912
Plan Vivo Certificates available for future issuance (REDD only)			0
Total PVCs issued (including this report)			9,880

*this is the total balance in the ACES account, including anticipated costs. See Table G1

Part A: Project updates

A1 Key events

12th & 13th Feb 2018- The Mikoko Pamoja committee members had an exchange visit to Kasigau Carbon project where they learnt about different aspects of the project. During the visit, the groups got to learn from each other following an interactive discussion of their experiences. The committee had a guided tour around some income generating activities which are operated by community members which include an Export Processing Zone, Soap factory, printing factory, Organic Greenhouse farming project and Jojoba trees plantations.



Figure 1: Mr. Sunkuli plants a mangrove tree during his visit

9th March 2018- The Principal Secretary (PS) for Environment and Natural Resources, Mr Charles Sunkuli visited Gazi Bay to see the conservation activities that are being carried out in the Bay. The visit also aimed at officially starting a tree planting campaign in which Kenya aimed to plant 60 Million seedlings in 5 months. He commended the Gazi Bay community for their conservation efforts and promised that the ministry will support alternative livelihood projects in the community by seeking for funds through donor projects. The PS further said that the ministry will provide additional rangers, equipment, training and vehicles through KFS to reinforce management of forests.

4th- 6th April 2018- A mangrove best practices scoping workshop was held in Diani, South coast of Kenya with the aim of scoping from some of best practices in research, restoration, law/policy, stakeholder engagement and finance. Part of the workshop program was a field visit to Mikoko Pamoja as a best case study in mangrove restoration. The workshop was organized by KMFRI in collaboration with International Union for Conservation of Nature (IUCN) and World Wide Fund for Nature (WWF) which are part of the 'Save Our Mangroves Now!', an Initiative which is committed to conserving, protecting and restoring mangroves.

1st June 2018 -The Cabinet Secretary (CS) for Environment and Forestry Hon. Keriako Tobiko visited Mikoko Pamoja where he participated in a mangrove planting exercise of at least 1700 mangrove seedlings. During his visit, the CS recognized that communities were doing remarkable work in



Figure 2: CS Keriako Tobiko visits a community managed mangrove plantation

conservation, thus pointed out that they should be consulted and engaged at all levels by government officials when they make policies as these communities retain invaluable knowledge that could be used in policy formulation to influence decision making. Hon Tobiko also promised to support the implementation of the National Mangrove Ecosystem management plan, which will help in addressing the problems facing these critical ecosystems. The CS was accompanied by high level delegation from the Ministry of Environment and Forestry National Environment Management Authority (NEMA) and World Wide Fund-for Nature (WWF).

5th June 2018- Mikoko Pamoja took part in the World Environment Day under the theme “Beating plastic pollution” and slogan “Greening the Blue”. Earlier in the week, a community forum was held in order to create awareness on the dangers of plastic pollution. The forum which was facilitated by Dr. James Kairo (chief scientist, KMFRI) provided a platform for communities to voice their concerns on the environmental issues they were encountering. Other activities building on the World Environment Day included a tree planting and cleanup day which was graced by CS Keriako Tobiko. The event which was held on 2nd June 2018 in Vanga culminated in the planting of 1000 mangrove seedlings.



Figure 3: Deputy President William Ruto with KMFRI Chief Scientist, Dr James Kairo at the KMFRI stand where he learns about Mikoko Pamoja

Mikoko Pamoja was awarded with a certificate of recognition for its continued effort in Environmental conservation activities during the World Environment Day which was attended by the Deputy President of Kenya, Hon William Ruto.

29th August – 2nd September 2018- Every year, Mikoko Pamoja participates in the Mombasa International show where it showcases how the project is contributing to community development through mangrove conservation. The 2018 show theme was ‘*Promoting innovation and technology in Agriculture and Trade*’

29th -30th August 2018 – Mikoko Pamoja, alongside another 800 multi-sector stakeholders from across Africa and around the world, participated in the ‘*Prospects and Opportunities for Restoration in Africa*’ Global Landscapes Forum (GLF) at UN Environment headquarters in Nairobi Aug. 29-30. The event highlighted many current landscape restoration initiatives and helped set the stage for many more, demonstrating how countries are building on political will through actions on the ground to tackle land degradation. The Global Landscape Forum is the world’s largest knowledge-led platform on sustainable land use, dedicated to achieving the Sustainable Development Goals and Paris Climate Agreement

<https://www.globallandscapesforum.org/video/gender-roles-and-implications-for-landscape-restoration/>

22nd -24th July 2018- 13 community leaders from Zanzibar were supported to carry out a study tour to Mikoko Pamoja in order to observe, learn and get inspired on the community based mangrove conservation in practice, especially the operation of a community carbon credit project.



Figure 4: Zanzibar community during the study tour to Mikoko Pamoja

15th September 2018-The International Coastal Cleanup is an event carried out every year and engages volunteer organizations and communities to remove trash from the world's beaches and waterways, identify the sources of debris and change the behaviour that causes marine debris in the first place. The 2018 year's theme was to 'recycle all plastic collected'.

Mikoko Pamoja in partnership with Base Titanium, KMFRI, Gazi ecotourism ventures and other organizations organized for a clean-up event that took place on 13th September, 2018 in Gazi Bay. The event built up to the International Coastal Clean Up event that occur on 15th September 2018 in Shimoni. A total of 17,911.96kgs of litter was collected from Likoni to Shimoni areas with Gazi recording 489.5kgs. (Table 1)

Table 1: litter collected along the south coast of Kenya during the International coastal cleanup

Area	Total weight collected
Likoni to Diani	4643
Vanga	2705.8
Wasini	2626.5
Mkwiro	2512.16
Gazi	718
Msambweni	489.5
Shimoni	4217
	17911.96

26th -28th Nov. 2018 - The 1st Sustainable Blue Economy conference was held in Nairobi, Kenya, from 26-28th Nov. 2018. The event whose main theme was '*Blue Economy and the 2030 Agenda for Sustainable Development*' was co-hosted by the government of Kenya, Canada, and Japan. The story of Mikoko Pamoja was told in many forums including the 'Save our mangroves now'

side event where Amina presented on the project <http://www.talkafrica.co.ke/mangrove-is-a-miracle-tree-in-blue-economy-experts-say/>. Two Mikoko Pamoja community members participated in the 3 days conference.



Figure 4: Amina Juma, KMFRI Scientist, presenting on Mikoko Pamoja and its replication during the Blue Economy meeting in Nairobi

17th-25th Nov 2018

Lilian Mwihi, KMFRI, attended the Convention on Biological Diversity in which took place from 17th-25th November 2018 in Egypt. Lilian gave presentations on Mikoko Pamoja during three sessions which included:

- Oceans Day
- Coral reefs, mangroves, deep sea ecosystems, ocean peoples, fish, marine mammals and other migratory species have voices that often goes unheard. Stakeholders and partners from across the globe, including Mikoko Pamoja, were invited to bring their voices to COP 14 through innovative means (e.g., inspirational story-telling, dialogues, film, poetry, performance, music, visual art). Mikoko Pamoja was represented in the presentations and panel discussion
- Market place: Practical examples of nature-based solutions and better alignment with engineering based solutions for disaster and climate resilience. In this session practical examples of nature-based solutions and better alignment with engineering-based solutions for disaster and climate resilience were discussed. The session consisted of introduction and elevator pitches for market place; open exchange among participants and Short reflections on market place take- aways.
- CEPA Fair- The CEPA Fair provided an opportunity for Parties and Organizations to highlight their work, contribution and share experiences and best practices in communication, education and public awareness. A presentation on 'Moving mangroves up the conservation agenda: existing communication approaches and future needs' highlighted Mikoko Pamoja as a successful example.

A2 Successes and challenges

Revenue: Sales of carbon credits this year have earned USD\$19,198 for Mikoko Pamoja. This revenue has benefitted the local community (further information in Annex 2).

Recognition of Mikoko Pamoja's achievement by UNDP

The United Nations Development Program (UNDP) organized an event on 26th July 2018 with the aim of recognizing the two Kenyan winners of the Equator Prize 2017, Mikoko Pamoja and Kuriwitu Conservancy. The winners had previously not been recognized at the national level. The event was held at the Movenpick Hotel Nairobi and graced by the then newly elected Principal Secretary of the Ministry of Environment and Forestry Mrs Susan Mochache. This was during the launch of the sixth Phase of the GEF Small Grants Program of UNDP.



Figure 5: Principal Secretary of the Ministry of Environment and Forestry Mrs Susan Mochache awards Mikoko Pamoja with a trophy for outstanding work in conservation

Joto Afrika COP 24 Edition

Mikoko Pamoja was featured in the Joto Afrika COP 24 Edition which highlights Kenya's approach to ensuring low carbon climate resilient development at all levels, by National and County Governments and other Non-State Actors. Joto Afrika is a series of printed briefings and online resources about low emission and climate change adaptation actions. The series helps people understand the issues, constraints and opportunities that they face in adapting to climate change and improving livelihoods. Joto Afrika is Swahili; it can be loosely translated to mean 'Africa is feeling the heat'.

<https://www.alin.net/Joto%20Afrika>

Boundary delineation

Some of the previous efforts that the community has put up in place to address illegal harvesting are construction of a watch tower and the employment of two scouts who man the project areas on a daily basis. Illegal harvesting has been a problem which was attributed to unclear boundaries to separate the community protected areas and the government protected areas. The boundary delineation activity jointly involved the local community and survey division of the Kenya Forest Services (KFS) as well as the regional KFS office. All the Mikoko Pamoja project areas were marked in a three days activity.

Low planted seedling survival rates

Despite community efforts to stock nurseries, low survival rates of the seedlings have remained a major problem. This is attributed to deposited sediments from shoreline erosion and change in the soil conditions of the nursery site that leads to a harsh environment for the seedlings to survive.

A3 Project developments

There were no changes made to the PDD, risk assessment of technical specification during this period.

A4 Future Developments

- **Upscaling Mikoko Pamoja**

Efforts of replicating Mikoko Pamoja in Vanga, at the border of Kenya and Tanzania, are in the final stages of the actualization where an external verifier is expected to visit the project in January 2018 for project validation.

Moreover, the Newton Fund Project (Punguza Hewa Kaa- Partners in Carbon) intends to support Mikoko Pamoja in introducing energy-efficient stoves in Gazi and Makongeni Villages. This aims at majorly reducing the amount of fuelwood utilization in the community and therefore reducing emissions from cooking by use of the energy efficient stoves

Part B: Project activities

B1 Project activities generating Plan Vivo Certificates

Mikoko Pamoja has a single technical specification that covers three activity areas, involving avoided deforestation/forest recovery activities in areas 1 and 2 and planting activities in area 3. The responsibilities for and benefits from these activities are shared communally within the single project community organisation. Table B1: Project activity summary

Name of technical specification	Area (Ha)	No smallholder households	No Community Groups
Natural mixed forest (Activity area 1)	107	498	1
Indigenous plantation (Activity area 2)	10	498	1
Degraded beach site (Activity area 3)	0.4	498	1

B2 Project activities in addition to those generating Plan Vivo Certificates

- **Community awareness**

Community awareness creation is vital for sustainability of Mikoko Pamoja. The organization undertakes awareness creation on the value of the marine ecosystems and the related threats of climate-change, pollution and overharvesting. MPCO annually engages schools within and around Gazi Bay, both at the primary and secondary level, in awareness related activities. This includes village and beach clean-ups, essay writing and artwork competitions, mangrove tours and presentations. (Annex 4)

MPCO also takes advantage of community meetings and notice boards located in the two villages to sensitize the community.

- **Publicity**

Mikoko Pamoja exhibited/presented its work at local, national and international events such as the Mombasa Agricultural Show,

Global Landscape Forum side event, World Environment day among others in a bid to engage the public and increase awareness of the project. The publicity of the project was also boosted through



Figure 6: Mikoko Pamoja notice board in Gazi Village

the visits from Top government officials, Cabinet secretary and Principal Secretary of Environment, and also its recognition for continued work in conservation during a State event (World Environment Day). Other avenues used by the project for publicity are social media platforms such as Facebook, twitter and Mikoko Pamoja related websites.

- **Increased engagement with government and other stakeholders**

Stakeholder engagement is arguably one of the most important ingredient for successful project delivery. Mikoko Pamoja engages its stakeholders by collaborating with them in carrying out activities such as environmental awareness creation and in marking environmental events. The project also aims to share project information with as many people as possible. In 2018, 864 people visited Mikoko Pamoja to learn about mangroves and the carbon project (Figure 6). This was a 20.4% increase from 2017 where the project received 787 visitors. The government institutes had the highest increase from 23 in 2017 to 87 in 2018.

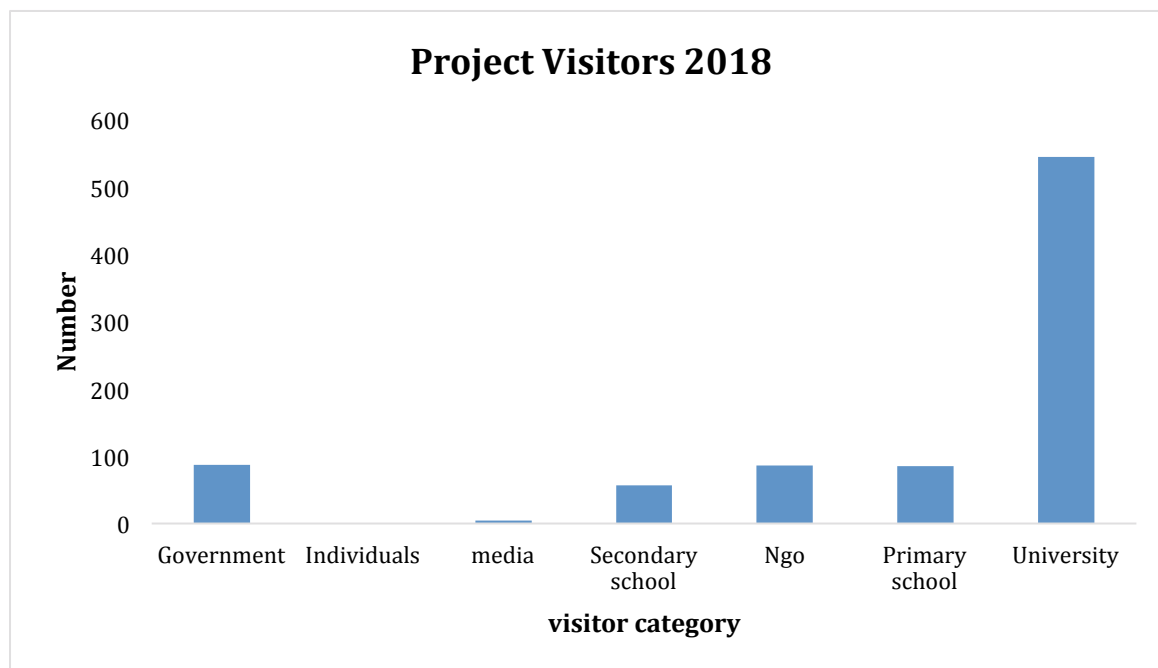


Figure 7: number of people who visited Mikoko Pamoja in 2018

Part C: Plan Vivo Certificate issuance submission

C1 Contractual statement

This issuance is based on signed PES agreements with participants complying with all the minimum requirements stated in these agreements.

C2 Issuance request for projects where issuance is made on the basis of ongoing activities on land already managed by the project (e.g. avoided deforestation, calculated ex-post)

Table C1: Statement of tCO₂ reductions available for issuance as Plan Vivo Certificates based on activity for reporting period 01/2018 – 12/2018

Area ID	Total area (ha)	Tech. Spec	tCO ₂ available from previous periods	Total tCO ₂ achieved this period*	% Buffer	No. of PVCs allocated to the buffer account	No. PVCs requested for issuance from saleable carbon	tCO ₂ available for future issuances
Project area 1	107	Mikoko Pamoja	0	2000	15	300	1700	0
Project area 2	10	Mikoko Pamoja	0	250	15	37.5	212.5	0
Project area 3	0.4	Mikoko Pamoja	0	0	15	0	0	0
TOTAL	117.4		0	2250		338	1912¹	0

¹this sum is lower than the totals implied. This is because our monitoring targets specified in the PDD allocate 10% of PVCs to Area 3 activity, even though the total tCO₂ sequestered here is a smaller fraction (~1.9%) than this.

Table C2: Allocation of issuance request for this reporting period

Buyer name/ Unsold Stock	No. PVCs transacted	Registry ID (if available)	Tech spec
Association for Coastal Ecosystem Services	1912	PV-PVC-KE-103000000008881-01012017-31122017-4335711-4337622-MER-O-P	Mikoko Pamoja
TOTAL	1912		

Project Area 3

As planting targets have been missed by greater than 50% for the last four years, credits for these have not been claimed, either partially or in full (see table C3). However, credits for these sites were claimed in 2014 and in 2015. Credits claimed from these sites equal 172 tCO₂. Monitoring data of the seedlings that were planted in 2014 and 2015 are unreliable and will be verified in 2020. The project will conduct monitoring to gather survival rates of the original site in the coming year.

Table C3: 5-year planting target attainment status and associated credit reduction

Year	Status of Targets	C credits claimed from activity area 3 (planting)
2014	Target met	47
2015	Target met	125
2016	Target missed	0
2017	Target missed	0
2018	Target missed	0

Nevertheless, low survival rates or a potential shortfall from this activity area does not compromise the integrity of the credits that have been issued (as explained below).

The planting target has been missed in the past because collecting and nurturing sufficient numbers of seedlings in a protected nursery area, before transplanting them, has proved more difficult than anticipated. This could be because of changing weather patterns, since it has become harder to anticipate the fruiting season. Increasing rates of sedimentation, swamping nursery areas we have used in the past, are also making this difficult.

According to the carbon calculations in the Technical Specification, achieving the planting target provides the equivalent of 1.9% of the annual carbon credits (46.7tCO₂e/2500 tCO₂eq). However, a very conservative penalty of 10% of our credits was allocated when planting targets are missed. Over the last few years, the project has not claimed any PVCs for missed planting targets and has deducted a further 8.1% of its overall carbon credits.

Even if there were a shortfall of 172 tCO₂ because seedlings planted in 2014 and 2015 did not survive (to be monitored in 2020), the conservative deductions the project has made in the past would cover this.

Hence failure to meet these targets has led to a loss of credits (and income) of around 8% in the past three years in excess of the reduction in carbon captured. By deducting 5-10% for missed planting targets over the last 5 years, a reduction of 875 credits has been made while a more accurate reduction of 1.9% would have resulted in a reduction of just 168 credits (see table C4).

Table C4: Deductions by conservative (5-10%) vs actual (1.9%) reduction of carbon credits

Year	Status of Targets	Conservative deductions made to overall carbon emissions reductions (5-10%)	Actual deductions of not meeting planting targets (1.9% of overall credits)
2014	Green	-	-
2015	Amber (5%)	125	24
2016	Red (10%)	250	48
2017	Red (10%)	250	48
2018	Red (10%)	250	48
TOTAL		875	168

These calculations demonstrate that there is no case that missing planting targets has compromised the integrity of the credits the project has sold. Rather our approach is too conservative, given the difficulties we have encountered with our nursery sites, and this will be altered in the next revision of the PDD to be submitted to Plan Vivo in 2019.

C3 Data to support issuance request

Please refer to Annex 1.

Part D: Sales of Plan Vivo Certificates

D1: Sales of Plan Vivo Certificates

All sales of Plan Vivo Certificates to date (including forward sold certificates for current issuance

request) are presented in table D1.

Table D1: Sales of Plan Vivo Certificates

Vintage	Buyer	No of PVCs	Price per PVC (\$)*	Total sale amount (\$)*	Price to participants per PVC (\$)*	% Sale price received by participants
SALES OCTOBER 2014 – DECEMBER 2015 (note change in reporting year)						
2014	Earthwatch	1000				100
2014	Paolo Merlini	10				100
2014	Zero Mission	720				100
2014	Algarve Students	34				100
2014	Imperial College	2				100
2014	Nico Koedam Research Group	38				100
2014	Nico Koedam Family	10				100
2014	Will Ashley-Cantello	10				100
SALES 2016						
2014	Iain and Julia	10				100
2014	Farid - Tropimundo	189				100
2015	Edinburgh Napier University	660				100
2014	Steve Crooks	30				100
2015	ZeroMission	700				100
2015	SCB Marine Section	1,200				100
SALES 2017						
2017	Vrije Universiteit Brussel	100*				100
2016	Zero Mission	1369				100
2016	Farid - Tropimundo	29				100
2016	Farid - Tropimundo	20				100
2016	Farid - Tropimundo	25				100
2017	Farid - Tropimundo	190*				100
SALES 2018						
2017	Farid - Tropimundo	190 (as above)				100
2017	Farid - Tropimundo	178				100
2017	Compensation for travel	100				
2017	SCB delegate offsetting	1200				100
2017	Zero Mission	224				100
2017	Koedam family	11				100
2017	CCF conference	9				100
TOTAL		8,068				

*Pricing reported for internal monitoring purposes only. Pricing information will be removed from the final published document.

D2: Unsold stock available for sale

The total unsold stock of Plan Vivo Certificates per year of issuance as at reporting period end is presented in table D2.

Table D2: Unsold stock of Plan Vivo Certificates

Vintage	No of PVCs	Price to participants (please indicate if this can be included in public version)
N/A		

Part E: Monitoring results

E1: Ecosystem services monitoring

Monitoring results that support the request for new issuances are presented in Annex 1.

E2: Maintaining commitments

No participants have resigned from the project this year.

E3: Socioeconomic monitoring

Mikoko Pamoja engages the community in all the project activities. This has not only contributed to the success of the project but it has also led to creation of employment opportunities for the members of Gazi Bay community. 36% of the carbon funds are allocated to mangrove restoration and thus cater for wages of the work teams which engage in planting, nursery establishment and monitoring activities.

In 2017-2018 reporting year a range of full and part time employment opportunities were created through monitoring, planting and nursery establishment respectively.

E4: Environmental and biodiversity monitoring

See Annex 1 for monitoring results. Successful forest protection will result in ecosystem benefits, but these will not manifest for a few years. As such, we have established baseline monitoring for fauna (crabs and molluscs) in the project areas, and will continue to monitor for changes in the future.

Part F: Impacts

F1: Evidence of outcomes

During the 2017 -2018 reporting year, the approved benefit sharing scheme (ref. PIN) was used. Both Gazi and Makongeni villages received US\$ 1870 (approx. Ksh 187,000.00) each, as direct payments to finance community development projects. The funds were used to improve water and sanitation systems and support healthcare.

In Makongeni, the money was used to fund the water project once more by building a water tower

and piping water to other various parts of the village where there is no access.

On the other hand, Gazi community decided to support healthcare by buying equipment for the local dispensary which lacks basic equipment necessary to provide proper health services. The dispensary not only supports the Gazi community but also the neighbouring village (Fihoni) and the primary and secondary schools located in the village.

- In 2017, Mikoko Pamoja supported Gazi Village in building a water tower. The project received further support in form of a water tank in 2018 which will assist in improving water access in the community.
- Mikoko Pamoja has conducted environmental education to the 687 students from different learning institutions, including primary and secondary schools as well as universities, who have visited the project in 2018.

Part G: Payments for Ecosystem Services

G1: Summary of PES by year

Table G1: Summary of payments made and held in trust

1. Reporting year (2015 – 2017)	2. Total payments received	3. Total payments made	5. Total payments held in trust	6. Total payments withheld
10/13 – 10/14	11,984*	11,984	0	0
10/14 – 12/15	12,510	12,510	475	0
1/16 – 12/16	14,833	14,833	13,787	0
1/17 – 12/17	22,207	13,401	19,544	0
1/18 - 12/18	19,198	5,963	32,779**	0
TOTAL	61,534	58,691		

*Total minimum anticipated funds per year from PVC sales is \$12,749 (assuming all monitoring targets met and all PVCs sold at minimum acceptable price). After deduction of issuance fees, this leaves \$11,984 available per year for transfer to the Mikoko Pamoja Community Organization

**Before transfer to the Mikoko Pamoja Community Organization, funds are held by the charity The Association for Ecosystem Services. This balance includes running costs e.g. fees for Plan Vivo and Markit and five year verification.

Part H: Ongoing participation

H1: Recruitment

No further recruitment has happened.

H2: Project Potential

If applicable, please provide the number of participants and area under management on the project's 'waiting list' i.e. where a PES agreement is not yet signed but a *plan vivo* is in use. Please describe any other developments which could support the project's potential over the next reporting period.

- **Bundling ecosystem goods and services**

Like mangroves, seagrass have been scientifically found to be among the most productive ecosystems and therefore can sequester high volumes of carbon dioxide from the atmosphere. With the help from the Equator Prize grant, the project is carrying out baseline studies aiming at bundling of the seagrasses with mangroves ecosystem services. This will mean the expansion of the Mikoko

Pamoja protected areas to include the sea grass ecosystems

H3: Community participation

The Gazi Bay community is responsible for democratically electing representatives from the project area to make up the Mikoko Pamoja committee. The committee is in charge of ensuring that the annual work plan is implemented in a timely manner and that the community is engaged in all the project activities including nursery establishment, planting and monitoring. The committee also engages the community in consultative meetings where they decide how they will utilize income earned from the sale of carbon credits. It is during these meetings that the community is reminded that income earned is dependent on performance and the sale of Plan Vivo Certificates.

Mikoko Pamoja held several meetings during the 2017-18 reporting year to plan for the annual activities including monitoring, planting and nursery establishment. Other agendas include project security, community projects to be implemented and preparations for Key events. (Annex 3)

Part I: Project operating costs

I1: Allocation of costs

All expenditure this year was met from PVC sales.

Table I1: Allocation of costs

Expenses	Narrative	Amount (ksh)	Contribution from the sale of PVCs(Ksh)	Contribution from other sources
Community development projects	Makongeni water project	182500	182500	
	Gazi Dispensary	182500	182500	
Project Workers salary		90000	90000	
Labour	Community Work team: surveillance monitoring and nursery establishment	196000	196000	
Expenditure for community and office		102500	102500	

Annexes

Annex 1. Monitoring results for issuance request

Mikoko Pamoja operates on three main project areas. Areas 1 and 2 deliver PVCs through avoided deforestation and forest conservation activities. Area 3 involves planting trees in degraded beach sites that used to support mangrove forests. 90% of the PVCs are generated through activities in Areas 1 and 2.

Monitoring targets (of basal area occupied by cut stumps and of stocking rates indicating forest recovery) have been met in these areas. Monitoring targets in area 3 were missed; as well the threshold for 50% of PVC (>2000 trees planted) was not met. Hence total PVCs earned this year are 90%.

Annex 1.1: Forest protection and surveillance (Areas 1 and 2)

Having successfully recruited forest scouts, Mikoko Pamoja has also improved the frequency of forest monitoring to three times a year with much involvement of the locals. This is in an effort to increase the annual activities in the project areas with an aim of discouraging illegal harvesting. With apparent drop in the stocking rates, there was no indication of illegal harvesting in the project areas. Most of the stumps encountered during the monitoring exercise were old with no occurrence of recent ones. In general the forest attributes are significantly higher than the baseline as well MPCO has not experienced any serious illegal harvesting in its project area during the reporting period therefore the forest condition can be said to be recovering.

Activity area	Forest attribute	Quantity/ha	Measure last year	Baseline	Remarks
1	Stocking density	5560±693	4730±442.28		There was no indication of illegal harvesting with significant positive change compared to the baseline figures
	Natural regeneration	15150±2402	15630±2861.47		
	Mean stump density	1340±391	1350±511.87	2720	
2	Stocking density	2960±275	3740±470.27		Stump count continues to decline with some evidence of natural thinning
	Natural regeneration	4910±1383	3043±1088.24		
	Mean stump density	470±174	590±195.76		

Annex 1.2: Tree planting (Area 3)

MPCO is committed to plant 4,000 mangrove seedlings per annum for the 20 years contracting period. During the reporting period 1,700 seedlings of *Sonneratia alba* were planted (Table Annex1.2). Since the objective of rehabilitation was for coastal protection, all planting was carried at a spacing of 1.0 m by 1.0 m, representing a stocking rate of 10,000 seedlings/ha.

Table Annex1.2: Planted seedling in activity area 3

Date	Species planted	Number planted	Survival rate %
01/06/18	Sonneratia Alba	300	

01/06/18	Avicennia Marina	1,400	
----------	------------------	-------	--

Annex 2. Impacts (Receipts)

Receipts of Mikoko Pamoja spending can be found below.

CASH SALE
PILCO ELECTROCOOL ASSOCIATED HARDWARE
 Dealers in: Sales Of Paint & General Hardware, Electrical Installations
 Refrigeration, Air Conditioners, Coldrooms, Plumbing & General Maintenance
 P.O. Box 1460-80400 Ukunda
 Tel: 040 3202715
 Mobile: 0722 620080 - 0716 105011
 Email: pilcohardware@yahoo.com
 Lunga-Lunga Road
 Next Pavillion Bar
 VAT No: 0159562 W
 PIN NO: A003161026 S

No. **1119** Date: **27/12/18**

M/S **MAKONGENI MIKOKO PAMOJA WATER PROJ**

QTY	PARTICULARS	@	SHS	CTS
12 Spcs	P.V.C pipe 1 1/2"	300	109,000	-
5 pcs	P.V.C Tee 1 1/2 x 1	300	1500	-
1 pc	Peglar G-Valve	3000	3000	-
3 pcs	P.V.C V-Socket 1 1/2"	1800	540	-
2 pcs	R-Socket 1 1/2 x 1	200	400	-
1 Doz	Seal tape	50	500	-
2 Tins	SDGm Tangit	700	1400	-
2 pcs	R-Socket P.V.C 1 1/2"	180	360	-
2 pcs	R-Socket 1 1/4 x 1	150	300	-
2 Bags	Bamburi Comm	800	1600	-
2 Taps	3/4"	800	1600	-
1 Bag	White Wash	550	550	-
E.&O.E			TOTAL	111,850

Goods once sold are not Returnable

KE ** START OF LEGAL RECEIPT *
PILCO ELECTROCOOL
 P.O. BOX 1460-80400
 UKUNDA
 TEL: 0716-105011/0789-782060
 VAT NO: 0159562W
 PIN NO: A003161026S

0001 #A 00005998
 CRB 16160026
 KRA/EIR/01172014/2036C

VATABLE 1X111,850.00
 111,850.00 A

TAX GENERAL RATE 16.00%
 15,427.59
 TAX TOTAL 15,427.59

TOTAL 111,850.00
 CASH 111,850.00

EJM NO: 0001 Z NO: 0938
 EJ/FH ACT./FIS. DATE: 18/07/2016
 DATE: 27/12/2018 10:32
 *** END OF LEGAL RECEIPT ***
 E26108CD1979A24B4591
 9A4E2FFB8973407DDC77

Fairdeal Furniture Limited
Digo Road Branch
91045-80103
Off Digo Road, Old Kilindini Road, Next to
Bank of Baroda
Mombasa



Bill of Sale
PIN # P051340082U
TAX/VAT # 254735666822
customercare@fairdealfurniture.co.ke
www.fairdealfurniture.co.ke

MIKOKO PAMOJA CBO

00-00
UKUNDA,
254719500485
MSA

Sale Date: 03-January-2019
Bill No: 1
Bill Type: Sale
POS No: 1
Salesperson: KERUBO, HEPSIBA A

Item Description	Unit Price	Quantity in Units	Discount Amount	Net Amount	Tax Amount	Total Amount
1000551 S182E OFFICE TABLE 1.8MTS WCF #4	15,995.00	3.00 PCS	2,368.71	39,324.39	6,291.90	45,616.29
1000742 SFP32 FIXED PEDESTAL 3DRW (K)	5,495.00	3.00 PCS	813.76	13,509.69	2,161.55	15,671.24
1002491 6048A OFFICE CHAIR HB MESH BLK/RED (EQ)	14,995.00	3.00 PCS	2,220.82	36,805.85	5,896.54	42,702.39
1002495 6048D OFFICE CHAIR HB MESH BLK (EQ)	10,995.00	6.00 PCS	3,256.51	54,063.35	8,650.14	62,713.49
1000740 4016 L-SHAPE OFFICE TABLE (K)	11,495.00	1.00 PCS	867.43	9,420.32	1,507.25	10,927.57
1004969 6202C MED BACK MESH CHAIR RED/BLK (EQ)	7,495.00	1.00 PCS	369.58	6,142.26	982.76	7,125.02

Total Items:	6.00	Total Qty:	17.00	Sub Total:	194,415.00
Paid By:	Reference:	Transaction No	Details	Amount	Discounted:
Cash				184,818.00	9,597.00
				184,818.00	Not Amount:
					159,325.86
					Taxed Amount:
					25,492.14
					Total Amount:
					184,818.00
					Amount Paid:
					185,000.00
					Change Due:
					182.00

* All Prices are in KES currency.

Terms & Conditions:

- (A) Goods once sold are not returnable.
- (B) All goods remain the property of this enterprise until fully paid for.
- (C) Management reserves the right to charge penalty to the customer in events of fraud, invalid payments, embezzlement etc.

Are you a Smart shopper? Sign up & together with your furniture you can now earn your INFINITY Points!
Coming soon to a branch near you. Visit our stores countrywide for more information.

Received With Thanks:

Posted By:

Cashier:

Administration:

Manager:

We're just a click away! Find us at
@fairdealkenya

FAIRDEAL FURNITURE LTD
P.O BOX 91045-80103
MOMBASA
PIN NO:P051340082U

SA/EFP/02022009/01146K

OPERATOR 1
PT 01 184 818.00 A
TOTAL 184 818.00

16.00% 25 492.14
TOTAL TAXES 25 492.14

SH 184 818.00

ARTICLES
SCAL RECEIPT N: 1547 00002
CEIPT N: 1547 09630
-01-19 11:53

FISCAL RECEIPT
20021902



Mikoko Pamoja Community Based Organization
P.O BOX 178-80404
Msambweni

PAYMENT SHEET

Activity Water Project's Labour.

Date 3/1/2019

No.	Name	Village	Amount	ID. No	Signature
1	Mohamed Bakari Mwangi	Makongeni	6,166/-	30702708	
2	James Hamisi Gugu	Makongeni	6,166/-	31893661	
3	Moses Masi	Makongeni	6,166/-	254675419	
4	Bakari Rashid	Makongeni	6,166/-	23611611	
5	Mohamed Bakari	Makongeni	6,166/-	30357972	
6	Daniel Zakaria	Makongeni	6,166/-	36647721	
7					
8					

Paid by

Project coordinator Josphat Mwangi

Signature

Date 4/1/2019

Confirmed by

Chairman Ali Salim Shufa

Signature

Date 4/1/2019



Mikoko Pamoja Community Based Organization
P.O BOX 178-80404
Msambweni

PAYMENT VOUCHER

I, Salim Rashid Mwatwanya Received the sum of 20,000/-
(In words) Twenty Thousand Only
Being the payment for Pipe fitting for Makongeni Water
Mikoko Pamoja Water Project Extension of Pipeline

Recipient S. Mwatwanya Id No. 8435256 Signature Date 3/1/2019

Paid By Josphat Mwangi Id No. 29076792 Signature Date 4/1/2019

Confirmed by Ali Salim Shufa Id No. 8437314 Signature Date 4/1/2019



Annex 3. Community meeting records¹

Please find the community meeting records below.

Please find the community meeting records below.

Annex3.1: Community Meeting,

Community meeting January 16th 2018

Members Present

Name	Position
	Chairperson
	Vice chair person
	Vice secretary
	Project coordinator
	Assistant project coordinator
	Village chair-Gazi
	Member
	Member
	Member
	Member
	Member
	Member

Absent with apologies

Name	Position
	Treasurer
	secretary
	Village chair-makongeni

AGENDA

1. Equator prize
2. Annually activity work plan
3. A.o.b
4. Adjournment

Min 01/16/01/2018: Preliminaries

The meeting was opened with a word of prayers from () after when the chairman welcomed all members and the meeting commenced

Min 02/16/01/2018 Equator Prize:

() informed the committee that the equator prize grant had been disbursed in the Mikoko Pamoja account number and gave an outline of how the money was intended to be spent based on a submitted proposal. The outline was as follows.

1. **Bundling of the see grass** – With a budget allocation of 2500 USD the activity which will be implemented between February and July will majorly involve the establishment of baseline studies and community consultations. This is an activity that is to be assigned to KMFRI.
2. **Training and Capacity building:** This will involve an exchange visit to a community project. The budget allocation for this activity is 4000 USD while the timeline is March to August. Among the suggested places to be visited were Kasigau REDD+ project, Arabuko Sokoke forest and the KFS headquarters in Karura Forest.
3. **Boundary marking and delineation.**

Mikoko pamoja will mark and delineate boundaries along all its project areas. With a budget of 3500USD

¹ Names have been removed for copy right reasons

this activity will involve the KFS survey department of Nairobi as well as the community members. Starting with the exchange visit () promised to clarify and confirm on the most appropriate community project that the community members will visit in a weeks' time. On this note the exchange visit was tentatively planned to be conducted in early February.

Min 03/16/01/2018: Annual activity work plan:

() presented the major activities that are to be conducted over the year and called for everyone to corporate for proper implementation.

February	March/April	Augusts/October		November
Trainings and bundling of see grass	-Boundary delineation. -Nursery establishment -Monitoring	-Monitoring -Planting -Agricultural show		Monitoring

MIN 4/16/01/2018 A.O.B:

The members present raised concern over the security of the project areas. There was a suggestion and a unanimous agreement that all the project areas under protection of Mikoko Pamoja be put up notices indicating that they are under Mikoko Pamoja.

The members present also lamented on the fact that Mikoko Pamoja has no office and suggested the committee should try and look for funds to construct an office and purchase office equipment.

Min 05/16/02/2018: Adjournment

Having no other agenda, the chairman requested () to close the meeting with a word of prayers at 12:55 pm.

Minutes Confirmed by:

Coordinator.....  Date: 18th January 2018

Chairman.....  Date: 18th January 2018

Community meeting March 2nd 2018

Members present

Name	Position
1	Chairperson
2	Vice chair person
3	Vice secretary
4	Project coordinator
5	Assistant project coordinator
6	treasure
7	Member
8	Member
9	Member
10	Member

Absent with apologies

Name	position
	member
	Village chairman-Gazi

AGENDA:

1. Preliminaries
2. Reflection of the exchange visit
3. Planning of the coming project
4. Boundary delineation
5. A.o.b
6. Adjournment

MIN 1/02/03/2018: PRELIMINARIES:

The chairman officially opened the meeting by requesting () to pray.

MIN 2/02/03/2018: REFFLECTION FROM THE TRIP AND LESSONS:

The members present shared on the lessons learnt from the Kasigau REDD+ visit. The chairman of the project, () outlined that; something to copy from the visit is that, we need to be cooperative in all aspects of the project operation and management. He suggested that for us to realize more benefits from the carbon crediting activity, we need to extend the project area targeting if possible the sea grass ecosystems. He also proposed that we can copy from what the fellow community members are doing concerning planting of trees in order to beautify the villages.

The Village Chairman Gazi, Bwana () lamented on the time that was limited but we could have learnt a lot from the visit .On this note he requested that in case there is a similar trip planned, enough time to be allocated. So that people can learn more that may help us improve our project

Chairman () village-we need to find out other means of income generating activities to merge with carbon project to enhance more income.

() suggested that we should try to convince the community on prioritizing on implementation of income generating activities so that we can not only depend on tha annuall income from the sale of carbon credits. Among the income generating projects mentioned were

Bee keeping

Purchase of a fishing boat

Opening a boutique shop

Agricultural projects such as the greenhouse project.

Most importantly the committee suggested that we should come up with tree planting program in the villages with consideration given to fruit trees. This will help our village be green and beautiful.

()-from the trip she learned that there is a sign of cooperation on kasigau project compared to ours.

() commented he was exited with the welcoming we received at the projects reception which marks a clear indication that they are highly organized.

MIN 3/02/03/2018: COMMUNITY WATER PROJECTS

It was discussed and agreed that the Mikoko Pamoja Committee needs to understand actual progress of the community water projects. This is because there is a community mistrust to the water committee particularly in Makongeni Village.

To solve those issues, it was agreed unanimously that we hold meetings with the water committees.

MIN 4/02/03/2018 A.O.B

() informed the committee that there will be a Journalist Visit on 9th March 2018 and therefore informed the committee in case needed they should avail themselves.

() raised concern of the nursery site and requested () to follow up with KMFRI who can advise more on the same.

() requested to know the exactly amount withdrawn and the balance from the Mikoko pamoja account. He was advised to see the treasurer after the meeting for a full financial report to present to him.

() informed the committee that the Permanent secretary the ministry of environment and forestry () will be visiting Mikoko Pamoja on 8th March and therefore requested the committee members to be available on this date

MIN 5/04/03/2018: ADJOURNMENT.

With no other business to be discussed the chairman adjourned the meeting at 12:30.

Minutes Confirmed by:

Coordinator.....  Date: 5th March 2018

Chairman.....  Date: 5th March 2018

Community meeting April 20th 2018**Members Present**

Name	Position
	Chairman
	Vice Chairman
	Treasurer
	Coordinator
	Assistant Coordinator
	Secretary
	Treasurer
	Village Chairman Makongeni
	Village Chaiman Gazi
	Assistant Treasurer
	Member
	Member
	Member
	Member
	Member
	Member

AGENDA

1. Preliminaries
2. Confirmation of the previous minutes
3. Matters arising
4. Preparation for the validation visit.
5. Community project prioritization
6. World Environment Day

7. A.O.B
8. Adjournment

Min 1/20/04/2018; Preliminaries:

The meeting started with a word of prayers from () after when the chairman welcomed all members present.

Min 2/20/04/2018; Confirmation of Minutes of the Previous Meeting

() read the minutes of the previous meeting which were confirmed by () and seconded by ().

Min 3/20/04/2018; matters arising, Equator Prize Pending Activities.

All members requested an update of a task given to the coordinator on sea grass research and training. The coordinator () Informed the members present that the targeted seagrass experts have not been available but will update when they are. Also on the community level training he requested for more time because the targeted facilitators were also not available, He promised to communicate the soonest possible.

Min 4: 20/04/2018: Preparation for Mikoko Pamoja Validation

() informed the committee that this is the fifth year of the projects operation and there is required a validation exercise therefore there was need to put all the projects reports such as the financial records, vegetation data, minutes and any other relevant report in preparation for the validation.

Min 5: 20/04/2018: Project Prioritisation

() Reminded all the members present of the need to guide the community members during village barazas so that people would suggest income generating activities

Among the activates that the members thought of were;

Bee hive keeping

Extension of the casuarina woodlot

Boutique

MIN 5: 20/04/2018: A.O.B

() informed the members present that on 8th June its world environment day. The national event will be marked in Kwale County and the Kenyan community projects that worn the 2017 Equator will be recognized during this day

Min 6/20/04/2018: Adjournment.

Having no other matters to discuss, the chairman adjourned the meeting at 12:45 pm.

Minutes Confirmed by:

Coordinator.....  Date: 24th April 2018

Chairman.....  Date: 24th April 2018

Community meeting May 22nd 2018

Members present

Name	Position
	Chairman
	Assistant chairman
	Treasurer
	Coordinator

	Assistant Coordinator
	Secretary
	Assistant Secretary
	Member
	Member
	Member
	Village Head Makongeni
	Village Head Gazi
	Member

Absent with Appology

Name	Position
	Member
	Member

Agenda

1. Preliminaries
2. NGAAF
3. Project activities
4. A.o.b

Min 1/22/05/2018: Preliminaries

Meeting started with a word of prayers from () followed opening remarks from chairman.

Min 2/22/05/2018: Applying for the NGAAF

The chairman introduced NGAAF to the members present. He said NGAAF stands for National Government Affirmative Action Funds with which Mikoko Pamoja can apply for

He insisted that it will be an advantage to the organisation and can use the funds to implement one of our proposed income generating activities for community development.

Following a unanimous agreement, it was agreed and concluded that casuarina woodlot expansion would be an ideal idea which directly touches the community directly since the funds that can be earned from sell of the harvested casuarina woodlots is used to support education to the local primary schools (Gazi and Makongeni). The coordinator and his assistant were given the task of developing the proposal

Min 3/22/05/2018: Project Activities

() reminded the committee of the annually project activities highlighted as a challenge of the year since the time is running while still much of activities such as mangrove nursery establishment, community public meeting need to be conducted. Finally concluded that we have to organise with the expertise from KMFRI assisting on nursery site identification before it is late. The task was given the coordinator and should give the updates to the committee.

Min 4/22/05/2018 A.O.B

The chairperson called for any other business if any member having one, but none. He officially closed the meeting at 1230hours.

Minutes Confirmed by:

Coordinator.....  Date: 23RD May 2018

Chairman.....  Date: 23rd May 2018

Community meeting July 19th 2018

Members Present

Name	Position
1	Chairperson
2	Vice chair person
3	Vice secretary
5	Assistant project coordinator
6	Village chair-gazi
7	Member
8	Village chair-makongeni
9	Member
10	Member
11	Member

Absent with apology.

Name	Position
	member
	member
	Coordinator

AGENDA

1. Preliminaries
2. Community Project Prioritization
3. Discussion on boundary delineation Activity
4. A.o.b

Min 1/19/07/2018: Preliminaries

The Chairman welcomed all the members present and welcomed the assistant coordinator to lead the meeting

Min 2/19/07/2018; Community Project Prioritization

The assistant project coordinator informed the committee that there was need of organizing village barazas so that we ask the community about community prioritization. All the committee members agreed to hold the village barazas on 27th and 28th July 2018 for Gazi and Makongeni villages respectively.

Min 3/19/07/2018 Discussion on Boundary Delineation Proposed Budget

Chairman took over leading of this session. He read the proposed budget prepared by Mwamba to all the Members present passing through listed item and its cost.

When it came to the labour section all the members agreed not to do the activity with the proposed rate of Ksh1000. They insisted to be facilitated with Ksh 2500 as a flat rate for all (KMFRI, KFS AND COMMUNITY) they were all okay with the surveyor being paid what he requested.

The following were laments were listed:

Members agreed they won't go for the boundary delineation activity with payment of ksh:1000
Members present said that they will not be paying any student from KMFRI when they are involved in Mikoko Pamoja activities.

Some members present said they are not comfortable anymore to work with Mwamba claiming that he was not respectful to the committee anymore

Members were also confused of who the final decision maker in Mikoko Pamoja because KMFRI are influencing on how Mikoko Pamoja is operating.

After a heated up argument, all members proposed that there be held a meeting with Dr. Kario in order to discuss the issues that they are not right within the committee.

Min 4/19/07/2018 A.O.B and Adjournment

None of the members had an additional business to raise. Chairman officially closed the meeting at around 11:40am

Minutes Confirmed by:

Coordinator.....  Date: 27th July 2018

Chairman.....  Date: 27th July 2018

Community meeting August 22nd 2018

Members Present

Name	Position
1	Chairperson
2	Vice chair person
3	secretary
4	Project coordinator
5	Assistant project coordinator
6	Member
7	Member
8	Member
9	Member
10	Member

Absent with Appology

Name	Position
	Treasurer
	Village chair-makongeni
	Village chair-gazi
	Vice secretary
	Member

AGENDA:

1. PRELIMINARIES
2. MOMBASA AGRICULTURAL SHOW 2018
3. Boundary delineation
4. A.O.B

MIN 1/22/08/2018 Preliminaries:

The meeting was opened with a word of prayers from () following a request from the chairman.

MIN 2/22/08/2018: Mombasa Agricultural Show

The coordinator informed the members present that the International Agricultural Show will be held from 29th August to 2nd September and suggested that committee members will mostly be involved. Because this is one of the chances that exposes the committee members. All members agreed that

two committee members will be attending for exhibitions every day.

Min 3/22/08/2018 Boundary Delineation:

The coordinator gave out a picture of how the boundary marking activity will be conducted. He suggested that there should be signage, paint and beacons installation in alternating manner. After a discussion all members agreed that the installation to be conducted as follows. Signage to be installed after every 200 meters, while beacons to be installed after every 100 meters and painting on trees to be done after every 50 meters around the project areas. The coordinator was given the task of liaising with KFS for the activity to be implemented as soon as possible.

Min 4/22/08/2018; A.O.B:

After the committee met with () for the discussion of the issues within the committee they agreed to conduct a retreat meeting which will bring together various Mikoko pamoja players including KFS, KMFRI the County Social Services and the committee with an aim of looking for a way forward for the issues. This task was given to the assistant coordinator to organize.

Min 04/22/08/2018; Adjournment

Having no other agenda to be discussed the meeting was officially adjourned by the chairman.

Minutes Confirmed by:

Coordinator.....  Date: 25th August 2018

Chairman.....  Date: 25th August 2018

Community meeting December 11th 2018

Members Present

Name	Position
	Chairman
	Secretary
	Assistant Secretary
	Coordinator
	Assistant Coordinator
	Village Head Gazi
	Member
	Member
	Member
	Member
	Member
	Member
	Village Head Makongeni

Absent

Name	Position
	Vice Chairman
	Memembr

Invited guest

Name	Affiliation
	KMFRI

Agenda

1. Preliminaries
2. Sea grass bundling
3. Community projects
4. AOB
5. Adjournment

Min 1/11/12/2018; Preliminaries:

The chairman officially opened the meeting and introduced () to the members present. He informed that () is from KMFRI and is working on sea grass of Gazi Bay

() gave out a briefing about the sea grass work at Gazi

He said that there has been a lot of work on sea grass which has been touching on different topics. He said for the purpose of incorporating sea grass in the project areas there is need of conducting the following:

Identification of possible areas, estimating the amount of carbon in these as well as mapping of the area and reporting. He said that this will be facilitated by the equator prize fund remaining for sea grass activities. He presented the budget requirement for the 8days activity.

After a discussion with the committee he was given the go ahead of beginning the research work as soon as possible after when there will be a stakeholders meeting in order to have a community consultation for the possibility of incorporating the sea grass areas within Mikoko Pamoja

Min 2/11/12/2018 AOB

The chairman presented a proposal forwarded by the scouts that they had requested for the following items Belts, ID cards, caps, handicaps

The committee agreed that they will be facilitated.

Min 3/11/12/2018 Community Projects:

The chairman informed that from village barazas conducted in both Makongeni and Gazi the community prioritized on supporting water project and the local dispensary

However for Makongeni, the community had said they will not allow the water project to be implemented before the water committee is changed. Due to this issue all members present agreed to conduct a village baraza in Makongeni on 17th in order to resolve the issue after when the projects will be implemented.

The members asked for a trip to Base Titanium Company so that they can learn how the mining activities are impacting the areas environment. () called an official of base titanium to request the visit whereby he promised to get back with a reply the following Thursday

Min 4/11/12/2018; Adjournment:

Having no other business, the meeting was official adjourned by the chairman.

Minutes Confirmed by:

Coordinator.....  Date: 14th December 2018

Chairman.....  Date: 14th December 2018

1. BACKGROUND

1.1 Introduction/preamble

Mikoko Pamoja carbon offset project was established by KMFRI in 2013. Management of

the project has been bestowed with the community and KMFRI plays the role of passing technical skills to community members and advising the project committee. The project has been continuing well. However, over time, there has been an increase in gap between the committee, the technical team from KMFRI and Mikoko Pamoja coordinator.

1.2 Objectives

The objectives of the meeting included;

1. To address critical issues affecting Mikoko Pamoja project
2. To restore harmony and trust among the project players and partners

1.3 Activities

The activities carried out in the meeting as detailed in the program (annex I) included presentations on the project progress, its achievements, challenges and the proposed community activities to be implemented in 2018. Other matters included discussions on the validator's visit, the Mikoko Pamoja constitution and also addressing grievances raised by the participants.

2. Implementati

on Key comments

- ü The whole world knows about Mikoko Pamoja and its success. The project won the 2017 UNDP's equator prize for its outstanding work in conservation against 806 applicants. People come from different parts of the world to study it. It is important that this level of success is reflected at the community level.
- ü For the project to be successful there has to be continued government and community support as well as availability of buyers. None of this component should be seen as unimportant.
- ü Wasini boardwalk was one of the best mangrove project in Kwale County and now it is a failed project. It is important that Mikoko Pamoja addresses the challenges it is facing before it fails as well.
- ü Replication of Mikoko Pamoja is currently taking place in Vanga. The Vanga community will be getting a larger amount of money because their project area is much bigger than that of Mikoko Pamoja. Gazi community can decide if it wants to add carbon credits by including seagrass ecosystems or by adding the mangrove area. Adding the mangrove area however could result into resource use conflicts as there are other user resource users such as the licensed harvester.
- ü Sedimentation at the Mikoko Pamoja restoration site has mainly been related to reduction of water in the rivers supplying water to the mangroves. This has been attributed to setting of dams upstream by Base titanium and KISCOL. However a lot of advocacy is needed to support that the claims.
- ü The KFS forester stated that during the patrols they had noticed that the Mikoko Pamoja activity areas were far much better in terms of conservation than the other mangrove areas and thus he commended the project for their efforts. He stated that KFS had set up a base in Shimoni to patrol the mangroves extending from Tswaka to Vanga. The Minister of Environment and Forestry, Hon Keriako Tobiko, had promised to implement the National Mangrove Ecosystem Management Plan which will involve supply of additional equipment to KFS. This will enable them set another base which will ensure enforced surveillance of mangroves in Gazi Bay.
- ✓ Mikoko Pamoja should submit quarterly report to the department of social services. Sharing such documents can help minimize conflicts as the department will be aware of the problems affecting the project from an early start and resolve it.

Issues raised and recommendations

- ✓ **Monitoring:** The area to be monitored is small and therefore it was agreed that only two youths from each village (Makongeni and Gazi) be engaged and should be assisted by the two project co-ordinators.
 - ✓ **Woodlot:** Mikoko Pamoja is required to have a casuarina woodlot for leakage control. The previous woodlot was harvested in 2017 and income generated from selling the poles was to benefit the local schools. It was agreed that the school should give a breakdown of how the money was spent. Arrangements also need to be done to plant more trees. Suggestions were made to include fruit trees and other trees such as eucalyptus and aborea.
 - ✓ **Project prioritization:** The committee agreed to direct the carbon funds allocated towards community development projects in Gazi towards buying hospital equipment as suggested through the community barazas. It was suggested that the county government should be called upon for the launch once the equipment has been bought.
 - ✓ Makongeni community on the other hand has decided to extend water into the village. They have however asked for the water committee to submit a report showing how the money they have been making from the water project has been spent before the extension is carried out.
 - ✓ **Funding:** committee wanted to know where they can raise additional funding for tree planting. They were notified that the 4% of the Constituency Development Fund (CDF) is allocated to community environment projects and thus can request for funding from there. They were also assured of KMFRI support in proposal writing as long as they identify good projects they want to implement.
 - ✓ **Forest guards:** Community scouts employed by Mikoko Pamoja requested for a paramilitary training by KFS. The forester asked the project partners to assist the scouts in writing a letter to the KFS director and copy it to the college director in Londiani where the training occurs.
 - ✓ Notice board to be updated and the Mikoko Pamoja equipment and projects should be branded in order to create awareness about the project and its impact in the community.
 - ✓ The committee requested for facilitation for an exchange visit to another community. Apart from, that they insisted that the people visiting the project should pay a certain fee like what other projects do. They also requested for a production of a documentary on the project for marketing purposes.
 - ✓ **Validator's visit**
Validator is coming in 2019 to see whether the project is meeting its requirement and whether the community has taken ownership of the project. He will verify this at the village level. Validation of carbon offset project is carried out every 5years by an external validator.
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Published By

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About Mangrove Action Project

Since 1992, the Mangrove Action Project (MAP) has worked to educate the public about mangrove forests, to promote mangrove conservation, and to engage in mangrove restoration. Our mission is to provide mangrove restoration and conservation education, and training that promotes community-based, sustainable management of coastal resources.

Our programs seek to address the many challenges of mangrove conservation with a proactive, multi-stakeholder approach. We will collaborate with and empower mangrove communities to communities to conserve, restore, and sustainably manage their coastal resources through practical, proven methods of education and training.

Education - MAP's *Miraculous Mangroves* is a curriculum-based, hands-on science program which - since it started in 2001 - has been introduced to thirteen countries worldwide. The 350+ page manual is translated and adapted for use in each country where it is introduced to interface with national and regional curriculum, plus incorporate local flora, fauna, geology and geography. It is introduced to local teachers through extended in-depth workshops, and in turn to their students in the classroom and field through Mangrove Clubs in each school.

Restoration and Conservation - MAP utilizes Community-Based Ecological Mangrove Restoration (CBEMR), which emphasizes the importance of restoring coastal hydrology to allow natural regeneration to occur, which is vital for restoring the full biodiversity and resilience of the mangrove ecosystem over time. CBEMR engages local communities in the restoration process from start to finish, empowering them to be caretakers of their environment, and enabling them to regain livelihoods lost when the mangroves were destroyed. Community involvement has proven critical to long-term success of every restoration project.

Advocacy - MAP's ongoing awareness and outreach campaigns work to educate the public about the existence and global importance of mangrove forests. This calendar reaches many people across the world, reminding them that they are part of a mangrove community no matter where they live. As our calendars are a huge "thank you" to our supporters, so the mangroves and local mangrove communities are commemorated and supported! The vision of each child's answer to how mangroves are important to them and to their families is inspiring. Each calendar has the potential to bring that vision to someone who has never seen mangroves before, or who is thousands of miles from the nearest tropical coast.

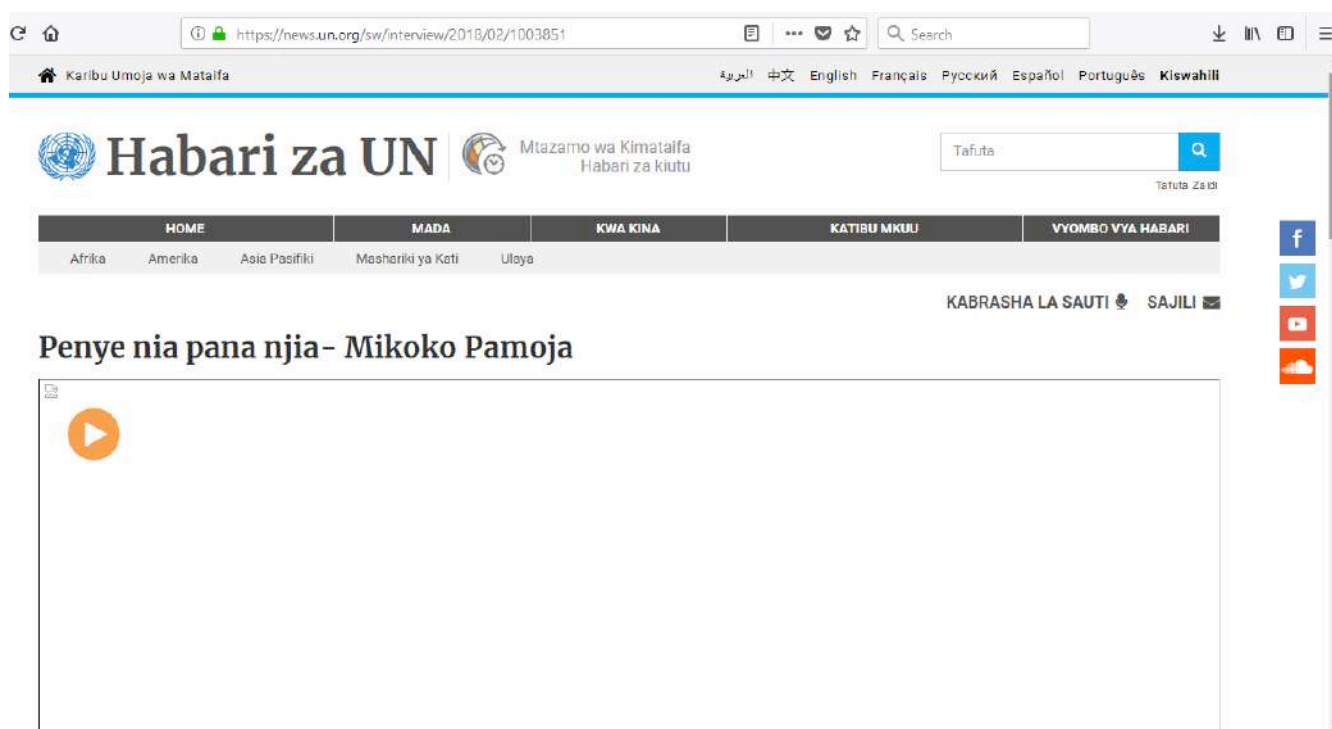
Every July 26th, MAP joins others around the globe to celebrate **Mangrove Action Day**. In 2014, this celebration was officially recognized by UNESCO as the International Day for the Conservation of the Mangrove Ecosystem, underlining the importance of mangrove ecosystems.

Funds from the sale of these calendars will be used to help restore and conserve mangrove vital forests, as well as raise awareness of the importance of mangroves for the protection of coastal areas from erosion, storm surges and hurricanes, and effectively mitigate the impacts of sea level rise and climate change.

MAP is now accepting new artwork for our 2019 Calendar. Children's Art Competition. Please visit MAP's website to find out the rules for entering this competition!

Annex 4. Mangrove Action Project (MAP) international artwork competition Calendar featuring the best artworks

Annex 5. Mikoko Pamoja featured in an article by the British High Commission



Annex 6. Mikoko Pamoja featured in the United Nations website



Annex 7. Cabinet Minister for Environment applauds Mikoko Pamoja

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Harvest traditional knowledge to enrich policy, CS Tobiko tells bureaucrats



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Rural communities retain invaluable traditional knowledge that could be used in policy formulation to influence decision making Environment and Forestry CS Keriako Tobiko has said.

He noted that communities have for generations participated in conservation of Environment and Natural Resources and should be consulted when government officials made policies that affect the people and their resources.

The CS challenged officials involved setting directions of the Green Growth and Economy Planning to change their tact and go beyond setting work plan activities in their offices and make field visits an important component of policy formulation.


Mr. Tobiko was speaking when he opened a week-long Green Growth and economy planning aimed at entrenching an economic growth path that sustainably uses natural resources.

He cited the Gazi community in Kwale county who are engaged in " Mikoko pamoja" project that grows mangrove trees for climate change mitigation and uses traditional methods to measure carbon sequestration earning the villagers millions of shillings in carbon credits.


The CS singled out for praise the Kenya Marine and Fisheries Institute (KEMFRI) as an organisation that successfully worked with the Gazi community to reap massive benefits in the mangrove project.

Mr. Tobiko thanked the government of Denmark that had set aside Ksh, 15 billion to help Kenya implement the Green Growth and Employment program in the next 5 years.


HIGHLIGHTS



INITIATE MONTHLY CLEANUP
 The Deputy President Mr. William Ruto has directed the Ministry of Environment and Forestry to initiate monthly cleanup exercises [...]



WEATHER FORECAST FOR THE NEXT
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REVIEW OF RAINFALL DURING THE MARCH TO MAY 2018 "LONG RAINS"

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Annex 8. Mikoko Pamoja featured in the Capital FM website

case for carbon credit X +

https://www.capitalfm.co.ke/news/2018/03/business-case-carbon-

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Business case for carbon credit: 'Mikoko Pamoja' in Kwale

March 22, 2018 12:29 pm

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Since its inception in 2014, Mikoko Pamoja Community Based Organisation has been able to ensure conservation of 117 ha of mangroves in the Gazi Bay/2 WWF

By CORRESPONDENT, KWALE, Kenya, Mar 22 – Mangroves store 50 times more carbon in their soils by

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