

NORTHERN KENYA RANGELANDS CARBON PROJECT

Improving Pasture, Sustaining Livelihoods and Conserving Natural Resources



2022 CARBON PROJECTS FUNDING

What is NKRCP?

The Northern Kenya Rangelands Carbon Project is the world's largest soil carbon project which will remove greenhouse gases from the atmosphere by implementing sustainable grazing management over 1.9 million hectares of northern Kenya savannas and grasslands.

The Project:



Improves
pasture for
livestock



Improves the landscape for wildlife

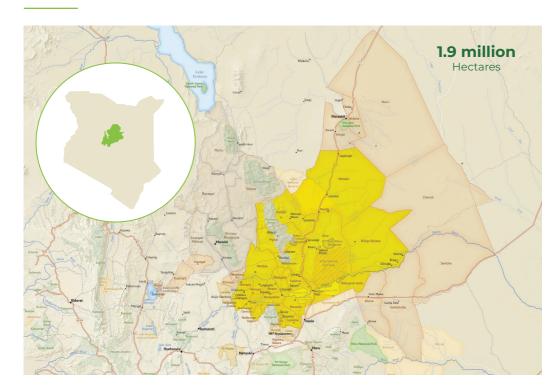


Improves rangelands and makes them more drought resilient



Generates a new revenue stream for community members

World's Largest Soil Carbon Project



Carbon Community Fund (CCF) Projects Summary

The Northern Kenya Rangelands Carbon Project (NKRCP) is the world's largest soil carbon removal project. The Project operates across 1.9 million hectares (4.7 million acres) of northern Kenya and involves 14 NRT member community conservancies: Biliqo Bulesa, Il Ngwesi, Kalama, Leparua, Lekurruki, Meibae, Melako, Naibunga, Nakuprat-Gotu, Namunyak, Nasuluu, Ol Donyiro, Sera, and Westgate.

Work on the NKRCP officially started in 2012. In the Project, cattle herders work to rehabilitate overgrazed grasslands by combining traditional grazing practices with rotational grazing, which improves soil health (and pasture quality) and allows perennial grasses to regrow. As grass cover increases, more atmospheric carbon is removed from the air and deposited in the soil, improving rangelands across the project area.

In restoring the savannah grasslands in an arid region, the NKRCP is anticipated to remove 50 million tonnes of carbon dioxide over 30 years the equivalent of the annual emissions from over 10,000,000 cars.

Production of credits will fluctuate annually due to changing climate conditions and how well the rotational grazing plans are followed. NRT is committed to continuing to support the participating conservancies to promote regenerative grazing practices.

Developing a carbon project is a long, often expensive process requiring specific technical expertise and appropriate processes to credibly verify the project and ensure its long-term success. NRT collaborated with the participating conservancies, Soils for the Future and Native, as well as other donor supporters over the past 10 years to develop the NKRCP.

To date, the first issue of credits from the project (c.3.2 million credits) have been validated, verified, and sold on the international voluntary carbon market. 2022 marked an important milestone for the NKRCP when the first revenue it generated was disbursed to conservancies. This report details how these funds were spent by communities within their conservancies:



Nasuulu tourism banda in Nasuulu Community Conservancy, Isiolo County, CCF 2022



Community Conservancy, Isiolo County, CCF 2022



Kiltamany new classroom in Westgate Community Conservancy, Samburu County, CCF 2022

Summary: Total Net Revenue of First Issue (2013 - 2016):

Total Net Revenue:	USD	*KES
Total Net Revenue:	14.6m	1.6bn
Per year (3 years: 2022, 2023, 2024)	4.9m	548.8m
Per conservancy (14 ccys; per year)**	324,000	36.3m

^{*}Exchange rate as calculated at time of revenue announcement in February 2022 USD to KES was 112.00.

^{**}Represents 14 portions of the 15 equal potions (where 1 portion is withheld in an established financial buffer agreed to by all conservancies for low income or low crediting years).

Total Net Revenue:	USD 14.6m	KES 1.6bn
5% County Government Levy	681,333	76.3m
40% Conservancy Operations	5.2m	582.4m
60% Carbon Community Fund	7.8m	873.6m
Conservancy Owned Financial Reserve	973,333	109m

Total Net Revenue Per Year:	Full Amount KES 1.6bn	2022 KES 548.8m	2023 KES 548.8m	2024 KES 548.8m
5% County Government Levy	76.3m	25.4m	25.4m	25.4m
40% Conservancy Operations	582.4m	194.1m	194.1m	194.1m
60% Carbon Community Fund	873.6m	291.2m	291.2m	291.2m
Conservancy Owned Financial Reserve	109m	36.3m	36.3m	36.3m

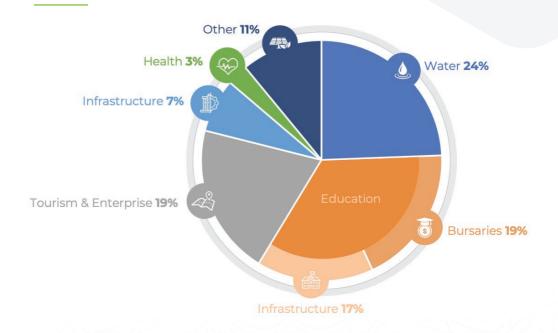
Summary: Conservancy Revenue Disbursement (2022):

No:	Conservancy:	Total Amount (2022) (KES):	5% County Gov Levy (KES):	40% CCY Operations (KES):	60% Carbon Community Fund (KES):
1	Biliqo Bulesa	36.3m	1.8m	13.8m	20.7m
2	II Ngwesi	36.3m	1.8m	13.8m	20.7m
3	Kalama	36.3m	1.8m	13.8m	20.7m
4	Lekurruki	36.3m	1.8m	13.8m	20.7m
5	Leparua	36.3m	1.8m	13.8m	20.7m
6	Meibae	36.3m	1.8m	13.8m	20.7m
7	Melako	36.3m	1.8m	13.8m	20.7m
8	Nakuprat-Gotu	36.3m	1.8m	13.8m	20.7m
9	Nasuulu	36.3m	1.8m	13.8m	20.7m
10	Sera	36.3m	1.8m	13.8m	20.7m
11	Westgate	36.3m	1.8m	13.8m	20.7m

NB: Naibunga, Namunyak, and Oldonyiro split into sub-units and have been operating in those sub-units since 2017. Therefore, the income from the 2013-2016 issue is split equally between the sub-units within these larger conservancies, as agreed by the participating conservancies in the Project I mplementation Agreement (PIA) 2021, which all conservancies, and sub-units were signatories to.

12	Naibunga	Lower	12.1m	606,095	4.6m	6.9m
		Central	12.1m	606,095	4.6m	6.9m
		Upper	12.1m	606,095	4.6m	6.9m
13	Namunyak	Kalepo	12.1m	606,095	4.6m	6.9m
		Ngilai	12.1m	606,095	4.6m	6.9m
		Naluwuon	12.1m	606,095	4.6m	6.9m
14	Oldonyiro	Nannapa	9.1m	454,571	3.5m	5.2m
		Narupa	9.1m	454,571	3.5m	5.2m
		Naapu	9.1m	454,571	3.5m	5.2m
		Nanapisho	9.1m	454,571	3.5m	5.2m

Overall Summary 2022 Carbon Community Funds Disbursement



REVENUE SHARE

In the first three years of the project, the conservancies are expected to receive approximately 60% of the total sales revenue, depending on the sales price achieved and over the project life (30 years) this is expected to increase to at least 69%



1/15

of revenue to be withheld in an established financial buffer agreed to by all 14 conservancies for low income years



5%

Further agreed to as contribution to County Government development mechanisms that support rangeland activity associated with the carbon project

CARBON COMMUNITY FUND

For the first three years of the project, this 60% is accessed through the Carbon Community Fund. This fund asks conservancies to formally apply for the use of these funds based on collective agreement from the communities with the conservances. The disbursement of funds will be administered through the Special Purpose Company but overseen by the Carbon Oversight Committee, These funds could support any community initiative, from bursaries to businesses



CONSERVANCY OPERATIONS

20% Carbon Project and Rangeland Activities

20% Peace, Governance, Wildlife and Environment Operations

Summary of Conservancy Spending by Theme

Isiolo County

Conservancy

CCF **Development Projects**

Expenditure (Ksh)



NASUULU COMMUNITY CONSERVANCY





Education - Infrastructure Education - Bursaries



Infrastructure

Tourism Enterprise

4,150,000 20.0% 305,000 1.5% 545,000 2.6%

15.700.000

5.500.000

Total: Ksh 20.700.000



BILIQO BULESA COMMUNITY CONSERVANCY





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Education - Bursaries Education - Infrastructure Water

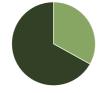
Community Welfare

3,000,000 10.8% 11,270,000 40.7%

7,900,000 28.5%

Total: Ksh 27.670.000







Infrastructure Community Welfare 1,500,000 3,000,000 33.3% 66.7%

20.0%

75.9%

Total: Ksh 4,500,000



NAAPU COMMUNITY CONSERVANCY





Education - Bursaries Education - Infrastructure 2,000,000 3,180,400

38.6% 61.4%

Total: Ksh 5.180.400



NANAPISHO COMMUNITY CONSERVANCY

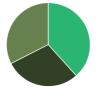




Education - Bursaries Education - Infrastructure 2,000,000 3,200,000 38.7% 61.3%

Total: Ksh 5,200,000







Education - bursaries Water

Community Welfare

2.000.000 1,500,000 1,680,000

38.6% 29.0% 32.4%

Total: Ksh 5,180,000

Conservancy

CCF Development Projects

Expenditure (Ksh)



LEPARUA COMMUNITY CONSERVANCY



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Education - Bursaries



Education - Infrastructure Water



Infrastructure



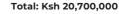




2.200.000 10.6% 2,000,000 9.7%

46.6% 8.9%

1,850,000 24.2% 5,000,000





CONSERVANCY





Education - Bursaries Education - Infrastructure 1,000,000 16,889,764

9,650,000

5.6% 94.4%

Total: Ksh 17,889,764

Laikipia County

Conservancy

Development Projects

Expenditure (Ksh)













Water Health

Infrastructure

Tourism Enterprise

2,800,547 2,256,000

1,500,000

8,000,000

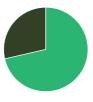
39.9% 14.0% 11.2%

7.5%

5,500,000 27.4%

Total: Ksh 20,056,547







Education - Bursaries Community Welfare

3,000,000 1.200.000

71.4% 28.6%

Total: Ksh 4,200,000







Education - Bursaries Water

2,000,000 18,400,000 9.8% 90.2%

Total: Ksh 20,400,000

Carbon Community Fund Development Projects

Conservancy









Education - Bursaries

Education - Infrastructure

300,000 1,000,000 4.3% 14.5%

81.2%

Tourism Enterprise

5,600,000

Total: Ksh 6,900,000





Education - Bursaries Health

Water Community Welfare 9,122,000 3,000,000 44.0% 14.5%

2.984.750 14.4% 5,600,000 27.1%

Total: Ksh 20,706,750

Marsabit County

Conservancy

Carbon Community Fund Development Projects

Expenditure (Ksh)







Education - Infrastructure Education - Bursaries

Water

(Infrastructure *** Community Welfare

2.0% 15,050,000 72.7%

8.0%

7.3%

2.500.000 12.0% 1.100.000 5.3%

Total: Ksh 20,700,000

400.000

1,650,000

Samburu County

Conservancy

Carbon Community Fund Development Projects

Education - Bursaries Education - Infrastructure

Infrastructure

⇘

Water

Health

Expenditure (Ksh)

1,200,000 3,900,000 23.6% 10,000,000 60.6% 3.6%

600,000 4.9% 000,008

Total: Ksh 16,500,000



WEST GATE

COMMUNITY

CONSERVANCY







Community Welfare



Education - Bursaries Tourism Enterprise



Water

10,200,000 4,000,000

49.4% 19.3% 19.3%

4.000.000

2,500,000 12.0%

Total: Ksh 20,700,000

Conservancy

Carbon Community Fund Development Projects

Expenditure (Ksh)







Education - Infrastructure Infrastructure Community Welfare

1,000,000 17,000,000 2,573,004

4.9% 82.6% 12.5%

Total: Ksh 20,573,004







Education - Bursaries Education - Infrastructure Water

1,362,000 11,270,000 1,167,000

5,800,000

6.7% 55.3% **5.7**%

3.9%

28.4%

:::

Health Community Welfare

800.000

Total: Ksh 20,399,000



KALEPO COMMUNITY CONSERVANCY





Education - Bursaries Water

Community Welfare

3,000,000 43.5%

3,000,000 43.5% 900,000 13.0%

Total: Ksh 6,900,000



NGILAI COMMUNITY CONSERVANCY





Education - Bursaries Infrastructure

Community Welfare

1,710,000 49.6% 1,055,500 30.6%

19.8%

Total: Ksh 3,449,000

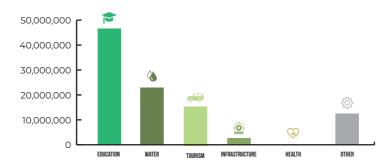
684,000

CCF Project Detail by Conservancy

All conservancy project spending is subject to annual audit. These are currently ongoing for 2022.

2022 Projects in Isiolo County

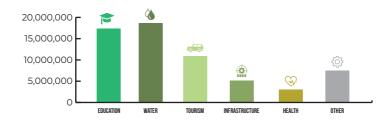
Fenced Mokori ECDE Center



Conservancy	Project	Purpose	Cost
	Cleared the Langailer-Ngarentare connecting road	To ease transportation in Nasuulu	Ksh 545,000
THE PARTY WILDING COMMENTER WI	Furnished Samburu Community School's dormitory with beds and mattresses	To enhance access to education	Ksh 305,000
Wildlife: Our Heritage	Disbursed bursaries to 630 primary, secondary and university students	To enhance access to education	Ksh 4,150,000
	Ongoing construction of tourism bandas	To promote community livelihood diversification	Ksh 15,700,000
	Constructed an administration block at Goda Primary School		1/ 1 / 200 000
	Constructed a classroom at Awarsitu Primary school	To enhance access to education	Ksh 4,000,000
	Distributed bursaries to 550 secondary school, college and university students	To promote education	Ksh 3,550,000
Biliqo - Bulesa Community Conservancy	Rehabilitated the borehole at Dhima Adho and renovated the water pipes at the Qonohongura waterpoint,		
	Equipped the borehole at Bulesa with new water pipes	Biliqo Marara, Dima Adho, Biliqo, and Bulesa communities are	
	Purchased a generator to facilitate the pumping of water from Ewaso River to the Biliqo community	rehabilitating and extending existing systems to improve water access for domestic use	Ksh 7,900,000
	Renovated Biliqo Marara's borehole's piping system and equipped it with water tanks		
	Purchased a community vehicle	To ease transportation	Ksh 5,250,000
Naapu Community Conservancy	Distributed bursaries to 264 secondary school, college and university students	To ensure that school going children stay in school	Ksh 2,000,000
	Fenced the compound of Lenkuruma Primary School	To ensure safety for children while in school	Ksh 3,180,400

Conservancy	Project	Purpose	Cost	
STORY COMMING	Provided goats to 10 families selected from all the Conservancy's zones	To enable community members to restock their herds after losing their livestock—their main source of livelihood, to the drought.	Ksh 3,000,000	
CVSEM/AUCH	Constructed roads, improving safety in the Conservancy	To ease transportation within the conservancy	Ksh 1,000,000	
CERVID	Cleared invasive cactus	Rangelands rehabilitation		
	Security outposts construction	To enhance safety	Ksh 400,000	
	Cleared the impaint analysis Agging refinition and		Ksh	
	Cleared the invasive species Acacia reficiens and planted grass	Rangelands restoration	1,680,000	
	Distributed bursaries to 595 students	To promote education	Ksh 2,000,000	
Narupa Community Conservancy	The equipping of Tura borehole in Tiamamut community land and the construction of a concrete tank is ongoing	To ensure continued access to clean water for the community	Ksh 1,500,000	
	1	1		
CHO COMA	Disbursed bursaries to 312 secondary and tertiary level students	To promote education	Ksh 2,000,000	
	Constructed teachers' quarters at Noloroi Primary School	To provide safe shelter Noloroi Primary school teachers		
CONSERVANCY	Constructed a classroom at Lengwenyi Primary School	To enhance access to education	Ksh 3,200,000	
	Fenced the compound of Kipsing Primary School	To ensure safety of Kipsing Primary students and teachers		
	Disbursed bursaries to 75 secondary school, college and university students	To enhance access to education	Ksh 1,000,000	
	Constructed a new madrassa class in Gotu			
	Constructed an administration block at Gotu Primary School		Ksh 16,892,764	
NAKUPRAT-GOTU WILDLIFE CONSERVANCY	Fenced Gotu Primary School's compound and installed a gate, enhancing safety within the school	To promote education and enhance safety for children and teachers		
	The construction of a school kitchen and dining hall in Ngare Mara Primary School is ongoing			
	Constructed two ECDE classrooms at Nakuprat Nursery School			
	Renovated existing boreholes and equipped them with water tanks	To enhance access to safe and clean drinking water	Ksh 13,650,000	
DAD	Disbursed bursaries to secondary school, college and university students	To promote education	Ksh 2,500,000	
The state of the s	Conducted entrepreneurship trainings for women and youth	To empower women and youth	Ksh 700,000	
COMMUNITY CONSERVANCY	Constructed gabion walls on conservancy roads to ease transportation	To ease transportation	Ksh 1,200,000	
	Provided dairy goats to the vulnerable (including the elderly) so they could restock their herds	To enable community members to restock their herds which were decimated by the drought, robbing them of their source of livelihood	Ksh 650,000	

2022 Projects in Laikipia County

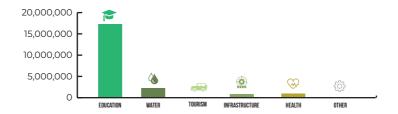


Conservancy	Project	Purpose	Cost	
	Resurfaced the airstrip and roads within the Conservancy	To ease transportation	Ksh 2,256,000	
Lekurruki	Renovated Tassia Lodge	To increase income streams for Lekurruki Conservancy	Ksh 5,500,000	
Conservation Trust	Drilled a borehole at Tassia Lodge to supply water to the Lodge and the community	To enhance access to safe and clean drinking water	Ksh 8,000,000	
	Constructed nurse quarters	Enhance access to services	Ksh 3,450,547	
	Disbursed bursaries	To promote education	Ksh 1,500,000	
	Constructed outposts for conservancy scouts, improving patrols, and issued uniforms to 10 scouts	To enhance security in the area	Ksh 1,200,000	
Zaibunga Uppe	Disbursed bursaries to 500 secondary school, college and university students	To promote education	Ksh 3,000,000	
2000	Fully repaired the Morupusi windmill which had been faulty for a decade		Ksh 2,700,000	
Trervancy (18	Converted a broken handpump at Olam- paa to a borehole and equipped it with a solar power system	To enhance access to safe and clean drinking water		
	Installed a solar power system at Twala Cultural Manyatta			
aibunga Long	Constructed the first banda at the newly established Tiamamut Lodge	To increase income streams for	Ksh 5,325,000	
	Constructed a banda at Koija Starbeds	the community		
3 100 3	Built an ECDE Center at II-Motiok	To enhance access to education	Ksh 1,400,000	
75ervancy (13	Distributed bursaries to 289 secondary school, college and university students	To promote education	Ksh 300,000	
hunga Co.	Equipped a borehole in Kijabe with pipes, supplying water to Nabolo Primary School and the community	. To provide water for livestock,		
2. The state of th	Constructed a concrete tank and repaired another at the Nkiloriti rock water catchment area	wildlife, and domestic use to the Nabolo community	Ksh 4,900,000	
Tservancy (13	Drilled a borehole at Musul. Equipping of the borehole is ongoing			
	Disbursed bursaries to 200 secondary school, college and university students	To promote access to education	Ksh 2,000,000	

Il Ngwesi People of Wildlife

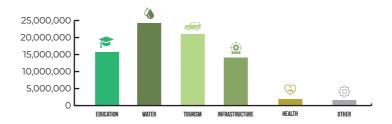
Purchased and distributed water tanks to community members in Ethi		
Rehabilitated a borehole in Nadungoro and equipped it with water tanks	To ensure continued water supply to the residents of Ethi,	Ksh 2,984,750
Supplied water to the community through the Ntarian Water Project	Nadungoro, Ntarian and Ngare Ndare	
Purchased water pipes for use in the Ngare Ndare Water Project		
Distributed bursaries to 653 secondary school, college and university students	To promote education	Ksh 9,122,000
Health projects		Ksh 3,000,000
Land registration/purchase		Ksh 5,600,000

2022 Projects in Marsabit County



Conservancy	Project	Purpose	Cost
	Installed a solar power system at Merrile Mixed Day School	To improve water access in the settlement of Manyatta Silapani	Ksh 400,000
	Disbursed bursaries to 1,505 needy students	To promote access to education	Ksh 16,900,000
Tres.	Constructed a toilet at Nairibi Dispensary	To promote access to health services including maternity services maternity	Ksh 1,100,000
MELAKO COMMUNITY CONSERVANCY	Equipped the borehole at Silapani with water pipes	To provide clean and uninter- rupted water supply to the residents of Silapani	
	In Sakardala, a water purifier machine was purchased to purify salty water	To enhance access to clean drinking water for Sakardala community	Ksh 2,300,000

2022 Projects in Samburu County



Conservancy	Project	Purpose	Cost
WILDLIFE CONSERVATION	Ongoing construction of Girgir Business Complex	This flagship project will ensure the Conservancy's financial sus- tainability, by generating rental income	Ksh 17,000,000
	Constructed Naandadapo Early Childhood Education (ECDE) Center	To promote access to education in Kalama	Ksh 1,000,000
	Constructed outposts at Lorubae A and B	To enhance safety within the conservancy	Ksh 2,753,004
COMMUNITY CONSERVANCY	Disbursed bursaries to 560 secondary school, college and university students	To enhance access to education	Ksh 4,000,000
	Water projects	Ensure continued water supply	Ksh 2,500,000
	Tourism projects	Increase conservancy income	Ksh 4,000,000
	Security outposts construction	To enhance safety	Ksh 10,200,000
SERVICE CONSTRUCTION OF THE PROPERTY OF THE PR	Purchased a mixed printer for Sereolipi Primary School	To promote access to education	Ksh 1,363,038
	Purchased 2 jikos (charcoal burners) and sufurias (cooking pans) for Sereoilipi Prima- ry School		
	Fenced Sereolipi Primary School's compound		
	Disbursed bursaries to 660 secondary school, college and university students		Ksh 5,800,000
	Equipped Sereolipi Health Centre with medicine, giving the community access to free medication	To Promote access to health services and free access to medication	Ksh 1,467,310
	Equipped an existing solar power system at Sereolipi Health Centre with batteries	To ensure continued water supply to the communities	Ksh 11,270,660
	Rehabilitated the new pipeline system to the main storage tank in Archers Post and equipped it with water pipes		
	Drilled a borehole at Sereolipi. The equipping of the borehole is ongoing		
	Land registration/purchase		Ksh 800,000

COMMUNITY OF THE PARTY OF THE P	Renovated Nasunyai Dispensary and constructed a toilet within the facility	To enhance access to health facilities	Ksh 2,175,000
	Installed a solar power system at Ngutuk Ongiron Dispensary	To improve access to health services at night and proper storage of medicine	
	Installed a solar power system at Lpus Leluai Dispensary		
	Renovated an ECDE class in Narapai Primary School	To promote access to education	Ksh 2,400,000
	Constructed a new classroom at Kiltamany Primary School		
	Constructed a new Early Childhood Education (ECDE) classroom at Lpus Leluai Primary School		
	Disbursed bursaries to 258 secondary school, college and university students		Ksh 1,200,000
	Water projects	Ensure continued water supply	Ksh 10,500,000



NKRCP Response to Drought - 2022

A devastating drought triggered an acute level of food insecurity in many parts of the country in 2022.

Northern Kenya, home to pastoralists, was particularly hard hit as the drought decimated indigenous communities' livestock herds, robbing them of their livelihood and primary source of high-quality protein. Severe malnutrition had been observed throughout the region, with children aged one to five most affected alongside pregnant and lactating mothers. Malnutrition had weakened their immune systems, increasing their vulnerability to disease.

Many school-age children had dropped out due to financial constraints, while others developed nutritional deficiency diseases.

In response to the developing humanitarian crisis and the need for immediate intervention, the Northern Kenya Rangelands Carbon Project (NKRCP) Chairpersons of the participating conservancies collectively agreed to 'pre-release' 2023 funding from the Carbon Community Fund allocations to conservancies that wanted to direct some of those funds to provide food relief to their communities.

The CCF has to date distributed Ksh 23,393,039 (USD 198,246) designated for drought mitigation to five community conservancies: Melako, Naibunga Upper, Naibunga Central, Kalama, and Biliqo Bulesa, benefitting 14,330 households.

County Government Levy

Project revenue generated by the NKRCP also contributed to payments made to County Governments in the form of a voluntary levy, agreed on by participating conservancies and their communities to support County Government engagement with project activities. In 2022, participating conservancies agreed these monies be allocated to emergency drought relief interventions to benefit communities county wide. Therefore, in November 2022, Ksh 23,848,500 (USD 202,105) was paid to the Isiolo, Samburu and Laikipia County Governments and received by Governors H.E. Ibrahim Guyo (Isiolo), H.E. Lati Leleliit (Samburu), and H.E. Joshua Irungu (Laikipia) respectively. The payment to Marsabit County Government, Ksh 1,834,500, was made in early 2023.





Marsabit Governor H.E Mohamud Ali, handing over the Voluntary County Levy to the CECM Water and Environment for boreholes rehabilitation support, the launch coinciding with height of the 2 year drought.



Voluntary County Levy handover to Samburu County Government.



www.northernkenyacommunitycarbon.org