

NYAYO ESTATE EMBAKASI ENVIRONMENT

TOWARDS A SUSTAINABLE & RESILIENT COMMUNITY



Nyayo Estate Environmental Plan 2020-2025

- Increase tree cover by 150% or plant more than 2000 tree seedlings
- Recycle 90% of waste by applying sustainable & circular economy practices
- Improve air quality to above WHO standards by measuring, monitoring and eliminating point and non-point pollutants
- Work with neighbouring communities to improve their environmental stewardship
- In partnership with Energy Committee switch to 100% solar street lighting



Tree Planting



2018-How it started



2021-How its going



Over 800 trees planted in the last 18 months with a survival rate of above 78%

Air Quality Monitoring



1 Outdoor air quality monitor

1 Indoor air quality monitor



Circular Economy practice in waste management



- Nyayo Estate has 5000 Housing units
- 220 Acres
- Approximately 26000 residents
- 21,000 tonnes/Year



Activities

Home > Plastics > The Partnership for New Plastics Economy Project-Kenya produces filament from PET waste...

The Partnership for New Plastics Economy Project-Kenya produces filament from PET waste locally

By admin - October 28, 2020

755 0



Inbox

Ikreet Kenth
ikreet@t3africa.com
Wed, Mar 10, 2021, 3:53 PM

To: me (johnBG) Cc: gurpreet

Hi John,

Find collection details in the table below;

Nyayo Estate PET Collection Project		
Date	PET	Non-PET
17.06.2020	182	N/A
20.07.2020	136	N/A
01.09.2020	268	N/A
1.10.2020	261	67
20.11.2020	409	147
18.12.2020	247	57
18.2.2021	369.4	0.6
Total	1872.4	

Regards,

Ikreet Singh Kenth
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55 comments

Nyayo Estate, Embakasi - Residents' Forum.

John Kabuye Kalungi
August 20, 2020 · 🌍

Dear Nyayo Residents,

We thank you for all of you who have been placing your PET in the provided mesh bins.

For more insight on PET plastics, please take a look at the pictures which shed more light on PET plastics and even packaging for household "brands" that you should put in the mesh bins. PET plastics have a no. "1"

You can request the cooperation of your DMs/Househelps or kids by segregating the PET plastic at source in your house then take and place them in the mesh b... [See More](#)



DISPOSE YOUR PET PLASTIC

Nyayo Estate, Embakasi - Residents' Forum.

John Kabuye Kalungi
August 16, 2020 · 🌍

Hello Nyayo Residents,

Yesterday, 15th August 2020, we received 20 Mesh bins and 10 ganny bags from our partners New Plastics Economy-Kenya (CCBA, PETCO, T3) to scale our PET segregation at source and recycling. NMS have taken note and we had the privilege of hosting Ms. Maureen Njeri who sits on the NMS task force overseeing the county environmental transformation project at the mesh bins handover.

On the same day, it was a great delight to see courts transforming their wast... [See More](#)



👍👍👍 55

9 Comments

Nyayo Estate, Embakasi - Residents' Forum.

John Kabuye Kalungi
UPDATE Following Doris Kendi above..

The NERA Environment Sub Committee has identified a location in Nyayo where to keep the bags once aggregation is complete so you won't see the subsequent collections lined up like those there.

The Environment Sub Committee is overseeing the transformation of Nyayo from being a garbage disposing neighbourhood to a resource recovery neighbourhood as you can see with those bags which contain PET bottles that otherwise we discard as waste. You also notice that they do not have foul smell because they have been recovered from from source without contamination from the 30 Courts that are participating in the pilot phase while we get more bins for the remaining courts.

It is possible you may not know what is going on because your court is currently not participating but soon the bins will be brought to your courts and we will humbly ask you too to participate by putting your PET bottles in those mesh bins.

Moving forward, we intend to extend focus to other materials like other plastics, paper, glass organic (wet waste from kitchen) so that we live the model of future neighbourhoods others estate are still talking about.

Like · Reply · 36w

Sane Maimba
John Kabuye Kalungi that's good.

Like · Reply · 36w

Christin Opiyo
John Kabuye Kalungi this is cool. I like what i.am reading.

Like · Reply · 36w

