



Annual Report 2024

Transforming lives and
growing prosperous futures





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Just Earth partners with local churches and small-holder farmers to bring transformation to communities in rural Africa and beyond.

THE FOUR STRATEGIC PILLARS OF JUST EARTH

Just Earth partners with local churches in rural Africa to help bring spiritual, economic, social and environmental transformation in impoverished communities.



Economic Pillar

A school without walls in which farmers learn better farming techniques to enable them to achieve higher yields, more diversified crops and better income in order to improve their livelihoods.



Spiritual Pillar

The Kingdom Life Bible study works to change lives in a holistic way. Farmers are facilitated through this course during the two years in a field school.



Environmental Pillar

Promoting planting of trees, diversification of crops, land and animal care, household climate change adaptation and sustainability.



Social Pillar

Ensuring school attendance, orphan and widow care as well as nutrition and food safety.



INTRODUCTION

1.1 Our Vision and Strategic Pillars

Just Earth partners with local churches to holistically transform rural communities by supporting the poor and most vulnerable families attain food security and become more economically sustainable. As an expression of God's heart for the poor, Just Earth has since 2005 focused on its strategic pillars of improving the spiritual, economic, social and environmental, circumstances of families and their communities.

Our vision stems from our realisation that the population increase in the country over the years has led to the sub-division of

agricultural land into smaller land portions, resulting in the need to develop intensive farming systems to help small rural farmers become agriculturally sustainable. Just Earth ('JE') empowers the rural poor towards improved livelihood and enhanced resilience to environmental shocks through these four strategic pillars:

The Spiritual Pillar

Through our Kingdom Life course, which is taught each week in the Farm School by the local church leader, the overall Christian community within the church is strengthened. Farmers are helped to grow in their faith and understand how Jesus' Kingdom



gospel impacts every dimension of their lives, relationships, farming and their participation in local church/community life. This includes sharing God's heart for the poor so that their work provides food from their demonstration plot and farms to support the most vulnerable in their communities.

The Economic Pillar

Farmers are trained on modern agricultural technologies using the Farmer Field School (FFS) methodology. Each FFS comprises of 36 farmers that undergo a practical and intensive two-year programme on crop/livestock production, soil conservation/enhancement, managing their farms as agri-businesses and climate change adaptation with strong emphasis on organic farming. This training helps farmers significantly increase their production and diversity of food produce to the point of being able to produce enough food to feed their family, with surpluses available to sell in the local



markets. Each trained farmer is also encouraged to share their learning with at least 4 neighbours through farmer to farmer extension. Since 2005, the total number of schools started and lives impacted are:

- Total number of FFS – **117**
- Farmers trained – **3,344**
- Farmers graduated – **2,204**
- Estimated number of family members assisted – **21,000**
- Estimated number of neighbours reached – **13,000**
- Estimated Total number of lives positively impacted – **100,000**

The Social Pillar

This pillar focuses on enhancing farmers' family welfare, as a consequence of improved living standards, resulting in better school attendance, ability to learn, nutrition and food safety, improved housing/household assets, etc.

The Environmental Pillar

Climate change adaptation and mitigation strategies at household level include, planting of trees, reclamation of degraded lands, soil conservation, organic farming, coupled with diversification of crops, land and animal care to ensure environmental biodiversity and sustainability. The main outputs from this focus are:

- Number of trees planted – **211,048**
- Number of farms conserved – **3,344**

1.2 Regional Coverage

The work of Just Earth started in Kenya in 2005 and currently covers 7 regions:

- Kapenguria Diocese – West Pokot County
- Kitale Diocese – Trans Nzoia and Bungoma Counties
- Eldoret Diocese – Uasin Gishu and Elgeiyo Marakwet Counties
- Maseno North Diocese – Kakamega and Vihiga Counties

- Maseno East – Kisumu County
- Maasai Mara – Narok County
- Samuli – Kajiado County
(new region in 2024)

1.3 Major Outcomes in 2024

- First Year and Second Year Farmers saw their maize yields increase by almost **90%** and **190%** respectively, compared to Pre-FFS levels.
- Farmers earned a total of **KES 22,593,164** (approx. £140,000) from sale of crops across all FFS's.
- The number of trees planted by FFS members during the year was **27,936**
- Soil sampling and analysis on **11** new demo plots in preparation for farm school training.
- Establishment of **11** new FFS with a membership of **264**. Combining the new schools with the second year schools meant that the total number of FFS's operating during the year was **21**, with

483 active members. The number of household members benefitting from FFS training was **3,009** and the estimated number of community members reached through farmer to farmer extension was approximately **12,000**.

- Three Kingdom Life review workshops were conducted.
- Just Earth staff visited the Kakuma Refugee camp in Turkana County to determine feasibility of piloting a FFS both in the camp and host communities.
- Seven Field Days were run in each region, with **1,791** farmers from the communities attending.
- Three monitoring and evaluation field visits were conducted.
- Twelve Facilitators' monthly review meetings and **4** quarterly staff meetings.
- Twelve Pre-FFS trainings for the 2024 new schools
- A total of **146** farmers graduated from **11** FFS's.





2.0 OPERATIONAL ACHIEVEMENTS

Philip Amoi – Kenyan Director of Operations, commented on some of the stand out things for him during the year:

“Personally, I was thrilled to see how so many of our farmers were empowered through the Kingdom Life Course in their Farm School. Their confidence grew hugely with a number of them becoming leaders in their churches, preachers and evangelists.

I was also encouraged to hear of some farmers' crop outputs increasing by three to four times what they harvested in 2023. A clear indication that the work of Just Earth has great impact. This gives us all even more energy to continue working and serving The Lord through Just Earth.”

The following activities were accomplished in 2024:



2.1 Facilitator / Staff Meetings

Facilitators' meetings were held every month, which focused on detailed field reports and planning activities. Four quarterly staff meetings were held to plan and review activities.

2.2 Establishment of New FFS

A total of 11 new FFS were established during the year as presented in Table 1 and the photos on the next page:

2.3 Staff Deployment

Staff redeployment was done in January. Each second year FFS retained one facilitator whereas the new FFS (except Mwangaza Lelan in Kapenguria Diocese), were allocated 2 facilitators. Appendix 2 provides a detailed breakdown of the allocation of facilitators across all FFS's.

Sadly, we lost one of our facilitators, the late Enock Odongo who was laid to rest on 17th January, 2024.

Table 1: FFS Establishment

S/N	Date	Diocese	Parish	FFS Name	Learning Day
1	28/2/24	Maseno East	Ahero	Ahero Apondo	Wednesday
2	29/2/24	Maseno East	Chemelil	Emmanuel Chemelil	Thursday
3	13/3/24	Maseno North	Eshikulu	Canaan Eshikulu	Thursday
4	15/3/24	Kitale	Amagoro	The Angel Amagoro	Wednesday
5	12/3/24	Eldoret	Kipkaren	Mwanga Kipkaren	Friday
6	12/3/24	Eldoret	Moiben	Baraka Moiben	Thursday
7	18/3/24	Kapenguria	Lelan	Mwangaza Lelan	Wednesday
8	19/3/24	Kitale	Kapretwa	Bethlehem Kapretwa	Thursday
9	20/3/24	Kitale	Aruba	Tumaini Aruba	Thursday
10	21/3/24	Kitale	Tuiyokony	Galilaya Tuiyokony	Friday
11	22/3/24	Kitale	Baraton	Canaan Baraton	Thursday



Establishment and commissioning of Apondo Ahero FFS, Maseno East Diocese by Bishop Joshua Owiti on 28/2/2024

2.4 Implementation of New Farm Inputs and Loan Process

Early in the year, following feedback from the FFS facilitators and co-ordinators, it was decided, to remove our farm inputs loan scheme, which was implemented in time for the new schools to be formed. This was a significant change to our previous loan-based model: so to avoid any unnecessary hardship to new FFS members, it was agreed to fund the purchase of certified seed for first year schools. This was piloted during the year, with the aim, if successful, to continue with this scheme going forward. Consequently certified seed was distributed to all year 1 FFS members, pro-rata to acreage, as a gift from Just Earth to boost production, as illustrated in the photo on the right:

2.5 Farmer Field Days

Every new farm school is encouraged to hold an open Field Day when the crops on their demonstration plots mature. They invite



Distribution of seed to farmers at Baraka Moiben FFS, Eldoret Diocese



Baraka Moiben FFS Field Day, Eldoret Diocese – 20/9/2024.



the local community, schools, government agricultural officers, representatives of seed companies to come to demonstrate what they have learnt and achieved. This provides

an excellent opportunity to preach the gospel and explain its power to bring about community transformation. These open days attract hundreds of people from the local



community, most of whom are small scale farmers themselves, as illustrated in the following photos:

A total of **7** field days were carried out on the demonstration plots that qualified, during the year, attended by **1,791** Local individuals and **31** exhibitors from the County Agriculture Departments, Seed Companies, agro-chemical companies and marketing agencies. The seed and agri-business companies that participated in the field days displayed their various technologies, got linked to farmers and made huge sales. The photos below provide examples of this.

The field day also provided an opportunity for school children to come and learn the various farming skills and technologies displayed on the demonstration plot, from the importance of crop diversity, compost making, organic farming, to the use of trees to help mitigate climate pressures. At Tumaini Aruba in Kitale Diocese, the pupils of Munyaka primary school facilitated in the field day alongside their parents as



Graduation at Kitale Diocese on 19/12/2024

they have been actively participating in FFS activities.

2.6 Monitoring and Evaluation Field Visits

Four Monitoring and Evaluation field visits were carried out in March, May, July and October. The main objectives were:

1. To monitor demonstration plot establishment and FFS training
2. Oversee Kingdom Life implementation
3. Field day preparation
4. Carry out farm judging and documentation

2.7 Pre-FFS Trainings For 2025 Schools

A total of **472** farmers were pre-trained in 15 new FFS as outlined in table 2.

2.8 Graduation of Farmers

A total of **146** farmers graduated from the **11** second year FFS's. A big congratulations to them and the JE team for helping them achieve this. The photos below give a flavour of the importance of the ceremonies for the graduates.

Table 2: Number of farmers pre-trained

S/N	Diocese/Region	Parish/Local Church	No. farmers
1	Maseno North	Esabalu	34
2	Maseno North	Kimang'et	33
3	Maseno North	Sango	33
4	Maseno North	Ebumbai Youth FFS	16
5	Eldoret	Kipkenyo	30
6	Eldoret	St. George's	21
7	Eldoret	Momoniati	26
8	Kitale	Jabali	49
9	Kitale	Cheptil	38
10	Kitale	Kesogon	27
11	Kitale	Kapseta	28
12	Kitale	Teldet	37
13	Kapenguria	Chepkono	34
15	Kajiado	Samuli	52
Total			472



Graduation at Eldoret Diocese on 11/12/24



3.0 THE ECONOMIC PILLAR

The focus of this pillar is to transform the livelihoods of FFS members through the adoption of agricultural best practices and new appropriate farming techniques. This is realised through consistent increases in yields during and after two years of FFS learning.

3.1 Maize Production Trend

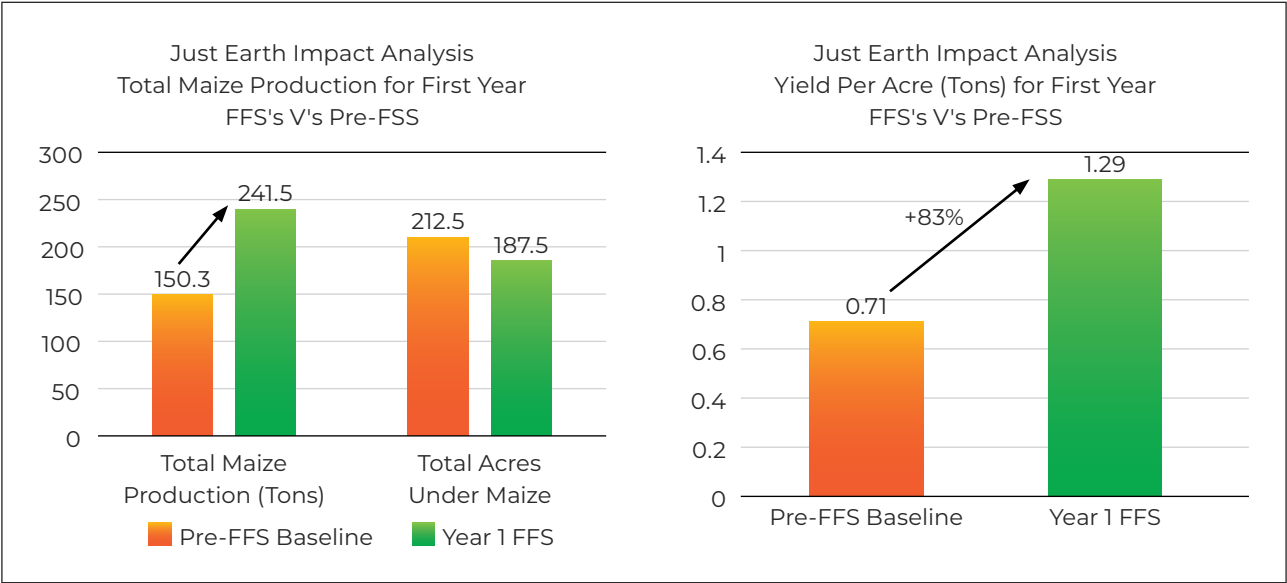
Pre-FFS baseline yield data was collected from each farmer during the FFS establishment process, via structured questionnaires and farm records, in order to facilitate impact reporting. Table 3 below presents total maize production for each of our first year FFS's compared to the Pre-FFS baseline figures:

Baseline data indicates that a total of 150.3 tons of maize were produced from a total of 212.5 acres across all of our first year schools. This translates into a baseline yield of 0.7 tons/acre, which is unusually high for untrained small scale farmers, making it more of a challenge for our staff to help deliver significant improvement (previous years' recruits typically have baseline yields of around 0.45 tons/acre). After 1 year of learning, JE farmers produced a total of 241.47 tons of maize from 187.5 acres giving a yield of approximately 1.29 tons/acre, which represents an increase in yield of 83% in their first year. This is an excellent achievement and in line with our expectations, despite the erratic rains experienced at the onset of the planting season, and may

Table 3: Maize Production Trend For First Year FFS's

DIOCESE	FFS NAME	BASELINE (2023)		YEAR 1 (2024)	
		Acres	Tons	Acres	Tons
Maseno East	Apondo Ahero	13	4.5	11	3.69
Maseno East	Emmanuel Chemelil	6	2.07	6	3.06
Kitale	Canaan Baraton	13	13.14	13	20.43
Kitale	Bethlehem Kapretwa	15.5	8.73	15.5	18.09
Kitale	Tumaini Aruba	38	32.94	38	51.3
Kitale	Galilee Tuiyokony	27	14.22	22	27.54
Kitale	Angel Amagoro	20	16.11	20	24.66
Eldoret	Mwanga Kipkaren	16	9.18	11	16.74
Eldoret	Baraka Moiben	31	29.43	24	43.2
Maseno North	Canaan Eshikulu	18	9.99	16	16.11
Kapenguria	Mwangaza Lelan	15	9.99	11	16.65
TOTAL		212.5	150.3	187.50	241.47

Chart 1: Maize production trend after 1 year of learning



be attributed to good farming practices learnt in FFS and the certified seed gifted from Just Earth. Feedback from FFS Farmers would suggest the output increases experienced by JE Farmers was significantly higher than outputs of their neighbours farms who had not received the same climate change resilience training.

Chart 1 presents the acreage, production and yields per acre of maize after 1 year of FFS learning:



Table 4: Maize production trend for Year 2 FFS

Diocese	FFS Name	Baseline (2022)		Year 1 (2023)		Year 2 (2024)	
		Acres	Tons	Acres	Tons	Acres	Tons
Maseno East	Geno Rae	14	2.52	20	9.63	25	14.67
Maseno East	Peace St. Paul	12	1.08	15	4.05	14	3.87
Maseno East	Victory Rabuor	8	1.44	14	5.76	14	5.76
Maseno East	Ebenezer Chemelil	18	4.86	27	12.51	27	12.51
Maseno North	Amazing Grace Nzoia	21	15.12	19	28.17	27	48.69
Eldoret	Tumaini Kamagut	32	28.8	22	32.67	22	32.67
Kitale	Jordan Maili Saba	24	15.12	10	12.42	12	17.19
Kitale	Baraka Ngonyek	27	14.58	18	31.95	17	33.21
Kitale	Jerusalem Kipkeikei	38	20.52	28	49.05	33	66.24
Kitale	Genesis Chesito	31	3.84	20	29.34	12	32.67
TOTAL		225	107.88	193	215.6	203	267.48

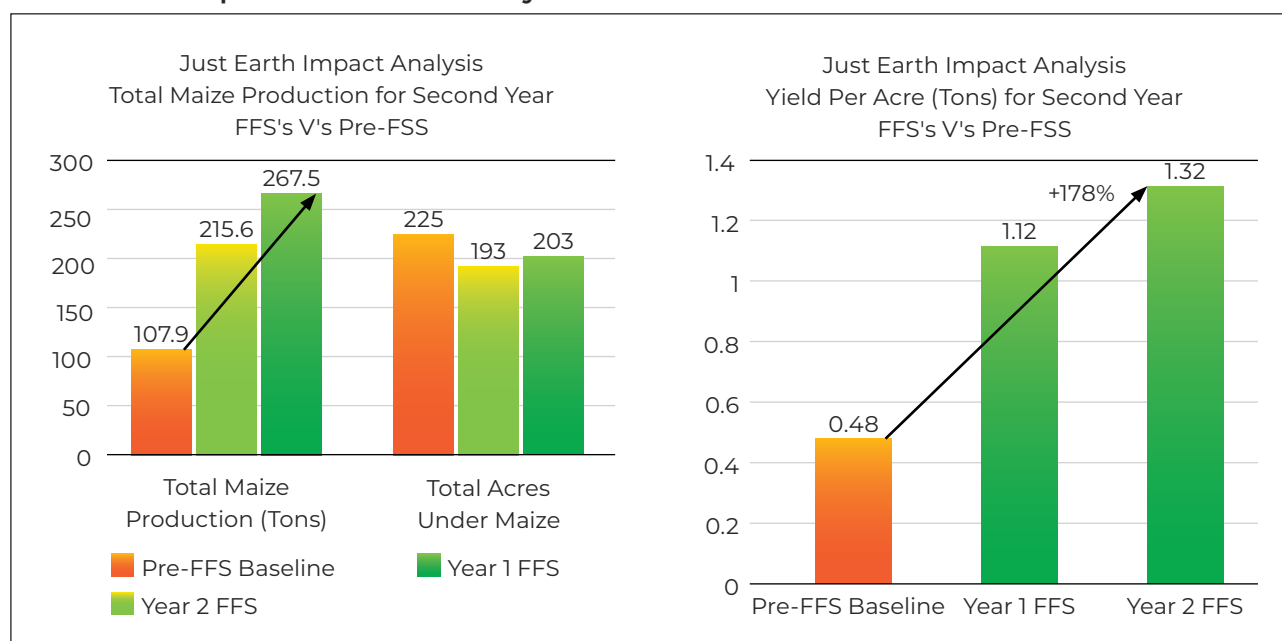
Table 4 presents total maize production for each of our second year FFS's compared to the Pre-FFS baseline and Year 1 figures:

In Table 5 we see that in the graduating Year 2 schools had a total baseline production of 107.88 tons from 225 acres and a resultant yield of 0.47 tons per acre, which is more in line with previous years' recruits. By the end of 2 years of learning, the farmers produced 267.48 tons from 203 acres giving a yield of 1.31 tons/acre. This represents an increase of 179% or 2.8 times pre-FFS levels.

3.2 Income From Crop Sales

As well as significantly improving maize yields for our farmers, our training places significant emphasis on increasing crop diversity on the farms accompanied by training in the nutritional needs of families.

Farmers earned a total of Ks **22,543,155** (approx. £140,000) from sale of crops, which included maize, beans, millet, sorghum, cassava, potato, sweet potato and vegetables. On Average across the 483 farmers who

Table 5: Maize production trend for year 2 FFS

participated in the programme during the year, this equates to Ks 46,473 (approx. £290) per farmer. So, not only are there significant improvements in household production of maize, but land is now being used to grow other crops, which enhance the families' nutritional intake, with surpluses sold to increase the families' disposable income. For a full picture of the total income received across all of our FFS's for all of the different types of produce, refer to Appendix 3 at the end of this report

The demonstration plots also provided farmers with planting material for high yielding sweet potato and disease-free cassava varieties, sourced from the bulking plot at Bishop Muge Avocado farm in Kitale.

3.3 Livestock Data

Farmers are trained in livestock production techniques at the FFS which covers specific husbandry practices including housing and disease control for cattle, sheep, goats, chicken, pigs and bee keeping.

Pasture and fodder production including legumes and fodder trees are integrated in the demonstration plot design to give the farmers hands-on experience so that they can implement on their farms.

Local chicken keeping is popular in many households as a key source of animal protein and income generation. It is also a popular free range enterprise using less space and

Table 6: Livestock data by FFS for 2024

Diocese	FFS Name	Livestock Data					
		Cattle	Sheep	Goats	Chicken	Pigs	B/ Hives
Maseno East	Geno Rae	54	101	22	437	4	
Maseno East	Peace St. Paul	41	37	21	274		
Maseno East	Victory Rabuor	41	39	18	179		2
Maseno East	Ebenezer Chemelil	30	28	2	174		
Maseno East	Apondo Ahero	57	48	7	808		
Maseno East	Emmanuel Chemelil	30	28	2	174		
Kitale	Jordan Maili Saba	8	15	12	69		21
Kitale	Baraka Ngonyek	82	52		316		15
Kitale	Jerusalem Kipkeikei	59	55	2	381		9
Kitale	Genesis Chesito	52	46	3	143	10	3
Kitale	Canaan Baraton	38	21		323	1	3
Kitale	Bethlehem Kapretwa	37	18		172		1
Kitale	Tumaini Aruba	49	40		352		8
Kitale	Galilee Tuiyokony	33	22		391		
Kitale	Angel Amagoro	36	30		320		6
Eldoret	Tumaini Kamagut	52	44	15	181		3
Eldoret	Mwanga Kipkaren	47	21	9	152		1
Eldoret	Baraka Moiben	108	200		579		3
Maseno North	Amazing Grace Nzoia	7	9	2	144		9
Maseno North	Cana Eshikulu	42	21		376		9
Kapenguria	Mwangaza Lelan	244	307	62	745		1
TOTAL		1,147	1,182	177	6 690	15	94

requiring lower initial capital investment. The number of livestock kept by FFS members is presented in Table 6.

3.4 Bishop Muge Avocado Farm, Kitale Diocese

Just Earth's 10-acre Avocado farm in Kitale is a prototype agribusiness initiative that is designed to generate in-country income to multiply new farm schools in Kitale Diocese. It is a sustainability project that we hope to extend into other regions in future. It is located at the Bishop Muge Mission Centre and the 1,377 trees have been established since June 2022

The farm is doing well under irrigation, provided by a solar-powered borehole capable of yielding 14,000 litres of water per day, which is enough to supply 40 litres of water to each plant twice per week. The first fruits totalling 903 kilograms were harvested and sold at ksh.100 per Kg, which can be

seen in the photos below. We are waiting in anticipation for our first full years' harvest in 2025. The main challenge in 2024 was a hail storm that damaged the last batch of fruit rendering them unfit for the export market and needing to be disposed of for avocado oil.

The farm is doing well under irrigation, provided by a solar-powered borehole capable of yielding 14,000 litres of water per day.

We also plant Desmodium hay on the site between the rows of avocado trees, which not only removes the need for weeding, but also acts to fix the nitrogen in the soil and preventing moisture loss. There are strong markets



Harvesting the first avocado fruits.



Preparation of FFS planting materials from the pasture/fodder bulking plot.

for it as cattle fodder at certain points in the year, which generates additional income. We have also started cutting vines from it to be transplanted onto our demonstration plots, and distribute amongst our FFS farmers to act as mulch in support of minimum tillage farming techniques.

The farm continues to bulk supply high quality pasture and fodder for the farm schools, along with sweet potato and cassava planting material.

Dr. Rael's summary of the best things she's seen in her work in 2024 –

"In 2024, we have witnessed the faithfulness of God in extraordinary ways in our farmers field schools. One of the greatest breakthroughs has been the use of well decomposed farmyard manure, which has led to a significant increase in yields. Where farmers once struggled with poor harvests, now their fields are thriving, producing

more food to feed their families and even sell in the market.

Not only has there been an increase in food production, but we have also seen farmers diversifying their enterprises. Many have embraced new farming ventures, allowing them to earn more income. This extra financial stability has empowered families, helping them afford school fees, medical care, and better living conditions.

One of the most inspiring testimonies is the transformation happening among women in farming. More women are now earning money from their agricultural work, giving them the ability to support their households in ways they never imagined before. Through their hard work and God's provision, they are becoming pillars of strength in their communities.

We give all the glory to God for these incredible changes. He is proving once again that when we work in faith, stewarding the land He has given us, He blesses the work of our hands abundantly."



4.0 THE SOCIAL PILLAR

The social pillar of our work focuses on general improvement in quality of life for farmers' households as a result of participation in FFS training. Farm Judging and documentation of success stories were undertaken in the Year 2 FFS in order to evaluate the level of technology transfer from the demonstration plot to members' farms, where their much-improved farm practices trigger transformation. Some other outcomes are employment creation, enhanced food security and nutrition, food safety, improved school attendance, better housing and increased household assets.

Employment can be created on-farm or off-farm. The youth are usually attracted by off-farm activities associated with specific value chains.

A random sample of **47** farms were visited among all the FFS that graduated in December 2024. The main focus was on-farm technology adoption – and dissemination to other members of the community. This assessment was done with the help of a checklist, observation and farmers' records. It was holistic and took into consideration the outputs for each of the 4 strategic pillars. Appendix 4 provides details of the number of farmers sampled and the FFS they were from.

Some of the stories that came out of this exercise are detailed below:

4.1 Employment Creation

Employment can be created on-farm or off-farm. The youth are usually attracted by off-farm activities associated with specific value chains.

4.1.1 Florence Owuor, Ebenezer Chemelil, Maseno East Diocese

Employment creation: After Sale of her crops, **Florence Owuor**, a member of Ebenezer



Chemelil FFS Maseno East, has supported her son Michael Mizigo (left), a University graduate, to acquire a chick hatching machine and supplies day-old chicks to other farmers. Michael is happy about his business and is planning to acquire more rainbow rooster layers, an improved local breed, in order to increase his supply. He has a huge demand for day-old chicks from farmers in Kisumu County and beyond.

4.1.2 Mary Menjo – Tumaini Kamagut, Eldoret Diocese

Mary is a member of Tumaini Kamagut FFS, in Eldoret Diocese. Her local church is St. Mary Magdalene. Aged 51, Mary owns 0.6 acre of land. She testifies that FFS training has enabled her to diversify her farming and she now grows maize, beans, bananas, vegetables and Napier grass. She is fully employed on her farm and Income from her farm produce enables her to meet her household expenses. She has also planted 20 avocado and 30 indigenous trees. The Kingdom Life course has helped her to live well with people, share food with the needy and faithfully give a tithe of her income to her local church.



4.2 Diversified Farm Enterprises

Alex Koech, Baraka Ngonyek FFS, Kitale Diocese

FFS learning has enabled **Alex Koech** to practice minimum tillage and organic farming on his farm using farmyard manure produced



Alex Koech (with stick) on his beautiful banana/sweet potato crop.



Koech's new house under construction.

on his farm. Apart from maize, beans and vegetables, Alex has planted 120 banana trees intercropped with sweet potato as a cover crop. He has established a tree nursery and sells seedlings to other farmers. Since joining his FFS, he has planted 350 trees on his farm. From sale of his farm produce, Alex is putting up a permanent house for his family.

4.3 Improved Farm Productivity

Peter Omutsotso, Canaan Eshikulu FFS, Maseno North Diocese

Through his training, **Peter Omutsotso**, a member of Canaan Eshikulu FFS in Maseno North Diocese, has learnt how to prepare and utilise compost manure to grow his crops. In addition, he has adopted soil erosion control by use of a 'Fanya Juu terrace' with Napier grass strips and is seeing a big change in the performance of his crops. His maize yield improved to 19 bags from the 5 bags per acre he harvested before joining FFS. He is already sharing knowledge with his neighbour to enable him improve his crop planting in the next season.



Moses Omutsotso, Canaan Eshikulu FFS, Maseno North Diocese compares his maize with that of his neighbours. He attributes his healthy crop to use of compost manure and soil erosion control.

4.4 Food and Nutrition Security

FFS training has enabled farmers acquire skills in planting and utilisation of different high value crops, including traditional vegetables, root and tuber crops. They also learn how to preserve vegetables at farm level for use during times of scarcity.



Canaan Eshikulu FFS, Maseno North Diocese harvesting their local vegetables.



The African Spinach, grown on Alex Koech's farm, Baraka Ngonyek FFS, Kitale Diocese.



Godfrey Ogolla, Geno Rae FFS, Maseno East Diocese preserves vegetables in times of abundance, for use and sale during the dry season.



5.0 THE ENVIRONMENTAL PILLAR

The environmental pillar focuses mainly on climate change mitigation and adaptation strategies such as tree planting, minimum tillage, land management practices including soil erosion control and utilisation of compost/farmyard manure to improve soil structure and nutritional sustainability.

Tree nursery establishment is key in FFS learning and all new FFS were supplied with tree seeds and trained on tree nursery management. Each farmer is expected to plant at least **25** trees every year of which **5** must be fruit trees. They also receive practical skills on different methods of soil conservation and efficient use of water. Just Earth facilitators make follow up visits to ensure these skills are implemented on the farms.

5.1 Climate Change Adaptation Strategies

The most commonly implemented climate change adaptation strategies were; the use of compost/farm yard manure, mulching, contour farming to control soil erosion and digging of ditches to minimise water-logging. Table 7 summarises the total uptake



Godfrey Oduor, Geno Rae FFS, Maseno East Diocese has dug ditches to help control soil erosion.

Table 7: Climate Change Adaptation Strategies Implemented

Total Number of Climate Change Interventions, by Category, Implemented Across the Just Earth FFS in 2024					
Ditches	Contours	Fallow Crops	Compost/ FYM	Zero Tillage	Mulching
141	161	71	340	72	221

of climate change adaptation strategies implemented by FFS members, by category, in 2024:

A total of 27,936 trees were planted by FFS members.

The photos give a flavour of how this translates to the individual farms, whilst Appendix 5 provides a detailed breakdown of how these strategies were implemented by each individual FFS.

5.2 Tree Planting

A total of **27,936** trees were planted by FFS members, bringing the total number of trees planted through Just Earth intervention to **211,048**. Each Year 1 FFS Farmer are supplied with agro-forestry tree seeds to establish a nursery and produce tree seedlings for



Benjamin Lugano, a member of Tumaini Aruba FFS, Kitale Diocese tending to his tree nursery.

distribution to farmers in Year 2. Table 8 below provides a breakdown of trees planted during the year:

Table 8: Tree planting by farmers

S/N	DIOCESE	FFS	NUMBER OF TREES PLANTED				
			Indigenous	Exotic	Agroforestry	Fruits	Total
1	Maseno East	Geno Rae	213	338	272	362	1,185
2	Maseno East	Peace St. Paul	205	374	302	244	1,125
3	Maseno East	Victory Rabuor	87	75	42	89	293
4	Maseno East	Ebenezer Chemelil	118	48	65	81	312
5	Maseno East	Apondo Ahero	200	441	70	322	1,033
6	Maseno East	Emmanuel Chemelil	118	48	65	81	312
7	Kitale	Jordan Maili Saba	291	395	312	92	1,090
8	Kitale	Baraka Ngonyek	231	1,768	463	496	2,958
9	Kitale	Jerusalem Kipkeikei	402	496	462	229	1,589
10	Kitale	Genesis Chesito	152	275	73	125	625
11	Kitale	Canaan Baraton	204	352	123	194	873
12	Kitale	Bethlehem Kapretwa	404	578	257	154	1,393
13	Kitale	Tumaini Aruba	405	605	1,165	1,322	3,497
14	Kitale	Galilee Tuiyokony	508	128	435	172	1,243
15	Kitale	Angel Amagoro	119	226	98	432	875
16	Eldoret	Tumaini Kamagut	162	225	110	145	642
17	Eldoret	Mwanga Kipkaren	268	560	272	332	1,432
18	Eldoret	Baraka Moiben	143	421	107	109	780
19	Maseno North	Amazing Grace Nzoia	265	452	495	197	1,409
20	Maseno North	Canaan Eshikulu	1,456	1,003	900	419	3,778
21	Kapenguria	Mwangaza Lelan	31	126	903	437	1,497
TOTAL			5,982	8,934	6,991	6,034	27,941



6.0 THE SPIRITUAL PILLAR

Every Just Earth Farm Field School (FFS) is founded on the word of God and its four pillars are an expression of Jesus' Kingdom gospel. The theological and spiritual foundations are integrated into farming through the Kingdom Life course consisting of 9 modules, aimed at transforming lives in a holistic way.

Laban's (co-ordinator of the Spiritual Pillar) testimony to some of the best things he saw develop in 2024 –

"I was very encouraged by the growth of our spiritual pillar where pastors are fully involved in the delivery of the Kingdom Life Course, which has reduced absenteeism, making the overall programme much more effective..."

In July, I led a retreat for the Pastors Essentials Coordinators, who have testified to the way they were impacted by the Holy Spirit during this gathering and most of them are now leading a Kingdom ministry.

When I visit farmers, I always look for opportunity to do some ministry and encourage the coordinator(s) and the pastor(s) to get involved. On one occasion recently, it was encouraging for me and the team to see instant healings of many people and especially when men then come forward to testify to their healing. For example, a 65 year old man in Maseno East by the name Amara testified to the healing of his wrist which had caused him a lot of pain for many years and had put him in hospital several times without solution. He



Bishop of Eldoret Diocese, the Rt Rev. Dr. Christopher Ruto on a monitoring and evaluation visit to Tumaini Kamagut FFS.

can now use the hand happily – praise the Lord Jesus.”

Church leaders take the farmers through the Kingdom Life course in the 2 years of FFS learning.

The Spiritual Pillar is key to all the work of Just Earth, and is implemented in partnership with the local churches. Church leaders take the farmers through the Kingdom Life course in the 2 years of FFS learning. They also visit members on their farms and champion the donation of 50% of the

proceeds from the demonstration plot to support orphans, widows and other vulnerable community members identified by FFS members.

The main activities carried out during the year under review were:

- Kingdom Life review workshops – 3
- Monitoring and Evaluation field visits – 2

Table 9 highlights the income generated by sale of demo plot produce in 2024 and how the amounts gifted to the local communities (almost 50%) was used to support local needs. The photos then help to contextualise this support and provide some current examples.

Table 9: Demo plot income and utilisation

S/N	DIOCESE	NAME OF FFS	TOTAL INCOME (KES)	50% REMITTED TO CHURCH (KES)	HOW THE 50% WAS SPENT
1	Maseno East	Apondo Ahero	10,620	8,496	Support a widow
2	Maseno East	Geno Rae	21,260	11,000	Assist the vulnerable
3	Maseno East	Victory Rabuor	3,700	2,960	Support an orphan
4	Maseno East	Peace St Paul	7,900	6,320	Help needy children
5	Maseno East	Ebenezer Chemelil	19,200	6,400	Support poor families
6	Kitale	Genesis Chesito	22,020	12,000	Paid fees for a needy girl
7	Kitale	Jordan Maili Saba	24 100	12,000	Repair elderly widows
8	Kitale	Jerusalem Kipkeikei	23,100	11,500	Support widows
9	Kitale	Baraka Ngonyek	21,500	17,176	Support the needy in the community
10	Kitale	Angel Amagoro	26,000	13,000	Pay college fees for
11	Kitale	Tumaini Aruba	22,535	12,267	Pay fees for vulnerable
12	Kitale	Canaan Baraton	10,650	5,330	Support vulnerable
13	Kitale	Bethlehem Kapretwa	34,600	17000	Pay fees for an orphan
14	Kitale	Galilaya Tuiyokony	21,900	11,000	school fees for a vulnerable child
15	Eldoret	Mwanga Kipkaren	23,050	11,500	Support orphans
16	Eldoret	Tumaini Kamagut	19,100	10,000	Help widows
17	Eldoret	Baraka Moiben	28,740	14,370	Pay fees for a needy child
18	Kapenguria	Mwangaza Lelan	41,850	20,000	Assist the vulnerable
19	Maseno North	Amazing Grace	24,680	13,000	Pay fees for an orphan
20	Maseno North	Canaan Eshikulu	18,680	3,736	Help widows
TOTAL			425,185	202,055	
TOTAL £'s (Approx)			£2,657	£1,263	



7.0 CHALLENGES AND RECOMMENDATIONS

The following challenges were encountered during the year under review:

1. Change management with regard to our discontinuation of our earlier loan scheme for farm inputs, which mostly affected our Year 2 farmers. With the huge increases in the cost of petro-chemical fertilisers, organic farming is the way to go – use of farmyard manure, compost and green manures should be the key messages to be implemented on the demonstration plots for farmers to adopt. It also hugely reduces their exposure to problems of debt repayments. It has been very encouraging to see that this change of strategy has not negatively impacted the uplift in farmers yields that we have been so used to over the years.
2. During the first quarter, significant variations in weather patterns cast a shadow over agricultural activities, posing formidable challenges to farmers. Maseno East was hard hit by flash floods that submerged farms and homes at the beginning of the year. In contrast, the rains gave way to persistent heat waves, leading to the rapid drying of soils, especially in Rae and Migingo parishes. This requires strategic interventions by Government as it is a perennial problem outside the farmers' control.
3. Erratic and delayed onset of rains especially in the North Rift was a significant

challenge. In Maseno North, Kitale and Kapenguria regions, the beginning of the year was marked by drought, which led to dwindling water resources for livestock. The consequences of this prolonged dry spell reverberated throughout the agricultural ecosystem, prompting the need to quickly develop and implement remedial strategies to help mitigate this challenge. One such strategy was early land preparation by farmers to enable planting immediately the rains started to take advantage of the nitrogen flush. Feedback from our farmers would suggest that FFS Farmers were better equipped to mitigate these challenges and performed better than their equally affected neighbours' farmers.

4. During the second quarter, the weather patterns in the North Rift region, particularly in Kitale and Eldoret, were notably erratic. This irregularity in rainfall extended to the Nzoia parish of Maseno North, posing significant challenges for agricultural activities in these areas. However, as the year progressed, adequate rains were received until the second week of December, leading to bumper harvests in many farms.
5. Farmers travelling long distances to reach demo plots has been reported in some FFS. This can only be addressed by proper recruitment that ensures that farmers' farms are no further than 5 km from their demonstration plot.



Appendix 1

Our Core Values and Organisational Structure

Our Core Values

1. A Christ centred programme based on the conviction that only God can extend His Kingdom which He does through His church.
2. Partnership with the local church.
3. Individual and community relationships are central to the programme.
4. God's heart for the poor must be woven up into the programme.
5. Just Earth is not an aid project/ programme but a community driven empowerment initiative.
6. We seek best practice and never rival the work of existing organizations whose work overlaps with ours.
7. We look for sustainable measurable benefits that accrue to the church and community after the initial implementation phase of the project.

8. We seek reciprocal partnership based on agreements.

Full time Staff

- Mr. Philip Amoi – Director of Operations, Administration and Human Resource
- Rev. Dr. Rael Taiy – Director of Agronomy
- Rev. Laban Otiato – Spiritual Pillar Director
- Festus Owuor – Field Manager
- Noel Lanya – Accounts Clerk
- Caleb Nyapinda – Driver/ Administrative Assistant/Trainer
- Reuben Wanyonyi – Manager Bishop Muge Avocado Farm

Agricultural Facilitators:

During the year JE contracted the services of 31 trained agricultural facilitators to work every week in our FFS's, delivering our agricultural programme.

Appendix 2

Deployment of Agricultural Facilitators for 2024

Diocese	Year 2 FFS	Facilitators	Year 1 FFS	Facilitators
Maseno East	■ Ebenezer Chemelil	■ Salome Nyamasi	■ Ahero Apondo	■ Merab Otindo ■ Alice Juma
	■ Peace St. John	■ Josephine Amukhale	■ Emmanuel Chemelil	■ Josiah Kariuki ■ Clement Kapima
	■ Victory Rabuor	■ Hellen Ombone		
	■ Geno Rae	■ Albert Ashitiva		
Maseno North	■ Amazing Grace Nzoia	■ Salome Wavinya	■ Canaan Eshikulu	■ Mathew Obina ■ Benard Oracha
Eldoret	■ Tumaini Kamagut	■ Benjamin Tabut	■ Mwanga Kipkaren	■ Everlyn Ouyi ■ Brenda Ashikhutsi
			■ Baraka Moiben	■ Jonathan Omusikari ■ Benson Chibule
Kitale	■ Jordan Maili Saba	■ Habel Ochunyi	■ Bethlehem Kapretwa	■ John Kirui ■ Barnabas Ndiwa
	■ Baraka Ngonyek	■ Celestine Mukhwana	■ Galilaya Tuiyokony	■ Benjamin Oguyo ■ Lydia Cheptoeck
	■ Jerusalem Kipkeikei	■ Henry Barasa	■ Amagoro	■ Francis Obina ■ Meshack Ayoti
	■ Genesis Chesito	■ James Atulo	■ Aruba	■ Sammy Odeyo ■ Dickson Wamedea
			■ Canaan Baraton	■ Lorna Otindo ■ Floice Ounza
Kapenguria			■ Mwangaza Lelan	■ Tobias Ambwaya

Appendix 3

Total Income Received By Product for Each FFS in 2024

Total Income Generated From Sales of Each Produce in 2024 For Each FFS												
FFS Name	Maize KES	Beans KES	Sorghum KES	Millet KES	Cassava KES	Potato KES	Sweet potato KES	Green grams KES	Banana KES	Groundnut KES	Veges KES	Total KES
Geno Rae	677,500	141,500	70,500		45,300		27,000				461,450	1,423,250
Peace St. Paul	115,300	12,900	13,940					625			3,500	146,265
Victory Rabuor	440,400	24,000	118,000	4,000				500		1,250	500	588,650
Ebenezer Chemelil	578,000	63,500	41,900		6,800		3,000	1,400		5,000	9,300	708,900
Apondo Ahero	176,000		1,200	45,000	21,000		14,000	31,600	6,000	4,800	149,650	449,250
Emmanuel Chemelil	578,000	63,500	41,900		6,800		3,000	1,400		5,000	9,300	708,900
Jordan Maili Saba	312,500	122,400	2,000	12,000			16,000		7,100		36,530	508,530
Baraka Ngonyek	1,026,700	142,800	2,400			2,000	25,500		400		23,520	1,223,320
Jerusalem Kipkeikei	2,279,500	107,000	19,500	15,000		2,000	4,500				97,550	2,525,050
Genesis Chesito	487,200	90,700		5,250			4,900				16,900	604,950
Canaan Baraton	689,500	140,500				250	8,250				52,550	891,050
Bethlehem Kapretwa	570,000	85,800	5,400	3,600	400	200	1,100				45,530	712,030
Tumaini Aruba	1,463,510	57,000			3,000	27,900	13,000		24,000	50,570	332,870	1,971,850
Galilee Tuiyokony	914,000	155,670		6,500							4,350	1,080,520
AngelAmagoro	727,700	116,650	11,500	22,500	8,800	2,700	17,200			4,000	67,080	978,130
Tumaini Kamagut	1,254,400	74,000	24,000	42,500		15,500	3,500		3,000		23,700	1,440,600
Mwanga Kipkaren	562,800	85,200	3,000			950					55,250	707,200
Baraka Moiben	1,440,000	77,800	5,800	35,650		1,500	1,300				71,600	1,633,650
Amazing Grace Nzoia	1,517,500	324,500	98,100	20,000	9,000	5,000	10,500				41,600	2,026,200
Canaan Eshikulu	401,299	39,900	1,500	2,600	2,000		8,200				53,550	509,049
Mwangaza Lelan	719,000	8,000				974,200					54,620	1,755,820
TOTAL	16,930,809	1,933,320	460,640	214,600	103,100	1,032,200	160,950	35,525	40,500	70,620	1,610,900	22,593,164

Appendix 4

FFS Members Sampled for Documentation

	FFS	No. farmers
Kitale	Jerusalem Kipkeikei	6
Kitale	Baraka Ngonyek	6
Maseno North	Jordan Maili Saba	5
Maseno East	Genesis Chesito	5
Maseno North	Amazing Grace Nzoia	5
Eldoret	Tumaini Kamagut	4
Maseno East	Ebenezer Chemelil	4
Maseno East	Geno Rae	4
MaSseno East	Peace St. John	4
Maseno East	Victory Rabuor	4
TOTAL		47

Appendix 5

Detailed Breakdown of Climate Change Intervention Strategies Implemented by Each FFS During 2024

DIOCESE	NAME OF FFS	CLIMATE CHANGE ADAPTATION STRATEGIES					
		Ditches	Contours	Fallow Crops	Compost/ FYM	Zero Tillage	Mulching
Maseno East	Geno Rae	16	1	16	17	2	16
Maseno East	Peace St. Paul	10	2	3	16	2	9
Maseno East	Victory Rabuor	15	9	2	16		10
Maseno East	Ebenezer Chemelil	10	5	3	13	2	9
Maseno East	Apondo Ahero	17	12	4	15		12
Maseno East	Emmanuel Chemelil	10	5	3	13	2	9
Kitale	Jordan Maili Saba	1	3	1	8	1	3
Kitale	Baraka Ngonyek	8	17		22	3	9
Kitale	Jerusalem Kipkeikei	4	14	7	23	4	16
Kitale	Genesis Chesito	3	7	3	10		6
Kitale	Canaan Baraton	5	8	11	20	2	19
Kitale	Bethlehem Kapretwa	1	7		23	6	10
Kitale	Tumaini Aruba	13	24		27	11	17
Kitale	Galilee Tuiyokony		2	10	16		10
Kitale	Angel Amagoro	10	13		17		16
Eldoret	Tumaini Kamagut	6	13	3	13	5	9
Eldoret	Mwanga Kipkaren	1	1	1	11	2	2
Eldoret	Baraka Moiben	4	1		24		18
Maseno North	Amazing Grace Nzoia		4	3	9	1	5
Maseno North	Canaan Eshikulu	7	12		23	2	16
Kapenguria	Mwangaza Lelan		1	1	4	27	
TOTAL		141	161	71	340	72	221





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