

Homa Bay Kenya: Permaculture & community gardens, presentation for SUII





Permaculture partnerships

Wales for Africa - Dolen Ffermio

Sector39/PermoAfrica/Arkleton Trust

Presentation for SUII, Community gardens project

Scottish Universities Innovation Institute

Presentation by Steve Jones, Stella Amuge, Paul Ogola



2016, Kamuli Uganda at #PDCUG16

- ▶ Paul Ogola, a blacksmith and small farmer from Homa Bay Kenya travels to Kamuli Uganda for a 12 day permaculture design course
- ▶ Students complete a real life based design as part of the training, giving them the skills to replicate what they have learned.





A powerful group learning experience

- ▶ A PDC builds a peer group, a mutual support network in the process of that experience.



Tutors, mentors and students

- ▶ We can all take different roles at different times. We use permaculture design to build teams with a common vision, working towards mutually beneficial goals

Partnerships, working together to accelerate change

- ▶ Sector39 - permaculture trainers and teachers based in Wales
- ▶ PermoAfrica - training hub based in Kenya
- ▶ Arkleton Trust - funders who exist to help disseminate information

Communication a vision

- ▶ Permaculture Design can help identify long term goals and help with communicating complex ideas in ways that can be widely understood and engaged with by a community

Care

DOLEN FERMIO MODEL FARM



CONCEPT MAPS



SIDE VIEW



FINAL-DESIGN

DESIGN

LINE



Paul Odiwour Ogola 2016

- ▶ PDC graduates work collectively and in teams to generate real design ideas applied to living example.
- ▶ This gives first hand experience of that process.



Adjumani 2018

- ▶ Paul and Steve working together at Refugee training centre in the North of Uganda.
- ▶ Insights and experiences in working with permaculture can easily be applied to different circumstances



PermoAfrica training centre
empowerment through permaculture

PORTS IN L. VICTORIA



RAIN
GAUGE



PermoAfrica is born

- ▶ Paul brought the vision to start PermoAfrica home with him from the permaculture course #PDCUG16
- ▶ By 2018 he had fundraised to build a classroom, secure and fence the land and have an evolved design in place





Year 2018

PermoAfrica classroom

- ▶ Teaching principles, ethics and design tools of permaculture
- ▶ Demonstrating with active systems designed using permaculture tools



A photograph of a grassy field with a dense line of trees and shrubs in the background under a blue sky. The text "Year 2020" is overlaid in white at the bottom center.

Year 2020



PermoAfrica training centre

empowerment through permaculture

2020

A design for water retention,
diversity and abundance.
A place of learning



PermoAfrica 2021

- ▶ It is not only the perimeter fence, which has grown, but an ecosystem of permaculture teaching, learning and experimentation.
- ▶ Prototype of what we think is the next step, a replicable model, to create an academy of permaculture.



Homa Bay Kenya

- ▶ PermoAfrica is the creation of Paul Ogola, with the long term goal of eliminating food poverty in Homa Bay county

Partnerships for transition

- ▶ This feel like a good model for permaculture project formation.
- ▶ A charitable trust with objectives on knowledge transfer and educational support
- ▶ A local grass roots innovator, self motivated and ambitious for public good
- ▶ A dedicated peer to peer training support facilitated by Sector39

A community hub for permaculture



Building soil

► Worm farming



Traditional seed store design

- ▶ Protecting and enhancing local biodiversity
- ▶ Seed saving and seed banking



Demonstrating
many approaches
and techniques



Community garden

- ▶ PermoAfrica is the hub of an outreach program, all connected to more than 40 communities.
- ▶ Each of those communities have initiated a community garden initiative as a focus to develop and share permaculture knowledge and of course the resulting produce
- ▶ Here is a visit to one of those seeds spawned by PermoAfrica

permaculture

- ▶ The establishment of the garden challenges all participants to think deeply about soil building. These horticulture plots are highly productive and only need a little water & compost and can be picked almost every day.
- ▶ These actions strengthen community and raise ambitions for what might be achieved through a greater understanding and application of permaculture design.

PermoAfrica as part of a wider network

- ▶ PermoAfrica is designed to meet local needs
- ▶ Mission 'To eradicate food poverty in Homa bay county'
- ▶ Through S39 Arkleton partnership we have the opportunity to link to pioneers from other countries.



Trainees from Uganda





The background features abstract, overlapping green geometric shapes, primarily triangles and polygons, in various shades of green, creating a modern, layered effect on the right side of the slide.

► Out reach and building the training network



**S39 PERMACULTURE
DEGSIN**



**THANK YOU FOR
SEED DONATION**



Lets hear a story of one community garden

- ▶ This off shoot project from PermoAfrica work came about in recent months and helped a whole community through the pandemic





Collaboration builds stronger links







PermoAfrica Network

- ▶ Permaculture initiatives in 40 villages in Homa Bay county





















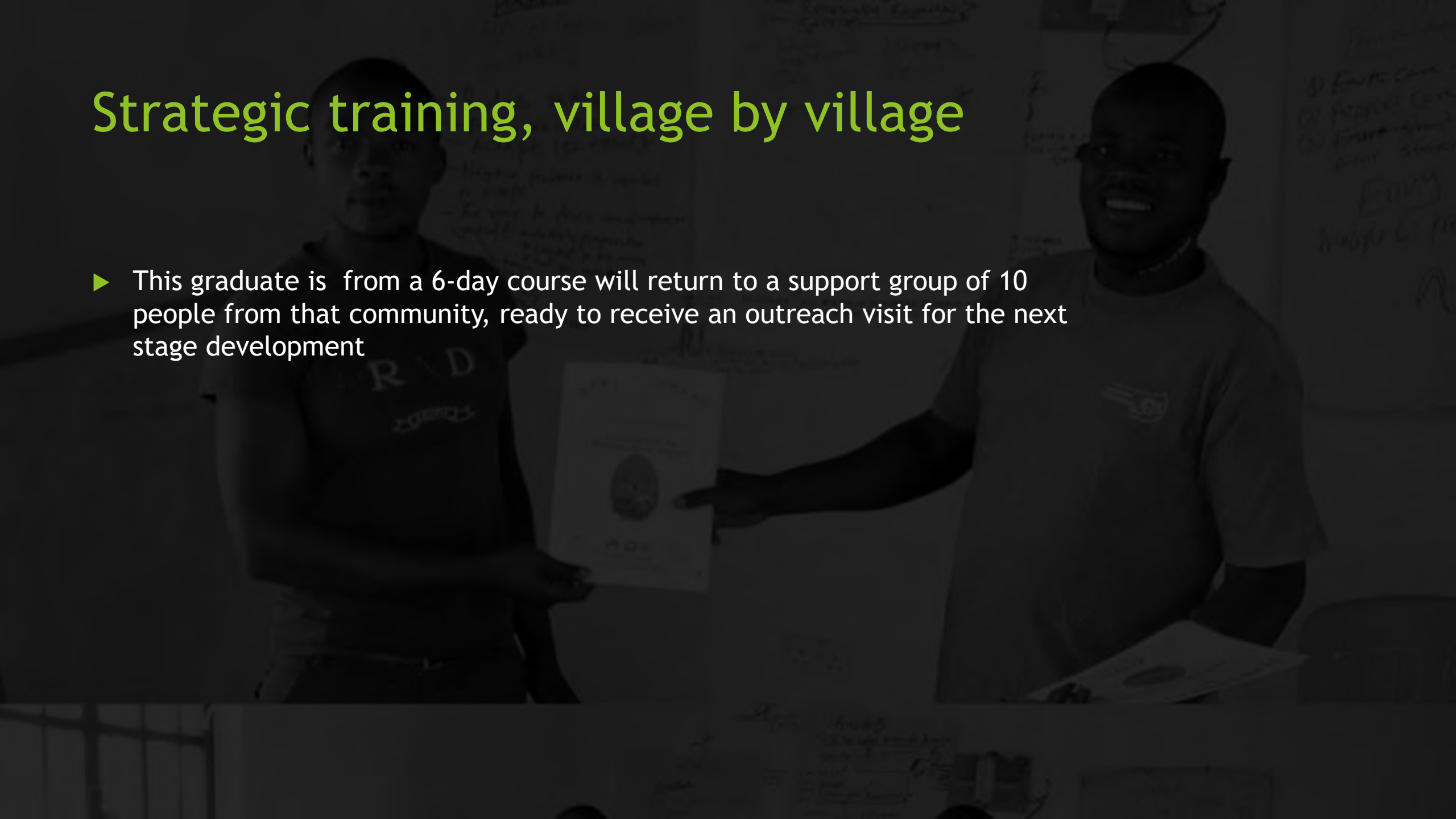







Strategic training, village by village

- This graduate is from a 6-day course will return to a support group of 10 people from that community, ready to receive an outreach visit for the next stage development




Developing and delivering certificated courses in permaculture



This Certifies That

has completed




Introduction to Permaculture Design



Accredited by

September 2021


Paul Odiwour Ogola
PermoAfrica



PermoAfrica training centre
empowerment through permaculture

Biofres
Steven Jones
Director at \$39

At PermoAfrica Centre, Homa bay Kenya



The Future?

- ▶ Sector39 is investment ready
- ▶ Can we build global permaculture academy network
- ▶ Through collaboration and partnerships



Asante sana,
Thank you
Diloch yn fawr

Academy.sector39.co.uk



PDCUK21: Full Permaculture Design Certificate course. £300 tuition

www.academy.sector39.co.uk

The illustration depicts a person in traditional attire, possibly a farmer or craftsman, working with a large bull. The scene is set against a dark background with a geometric pattern. Other stylized animals, including a bull and a horse, are visible. A small circular logo with the letters 'S', '3', and '9' is in the top right corner.

Introduction 3-days, 12-14 November. At Treflach farm Shropshire

On - line Dec/ Jan/ Feb (6 days online guided study + evening seminar)

Design workshop 3-days at Trefach farm April 2022