

Dragons



CROESO

welcome

Llanrhaeadr ym mochnant, Powys

Much more than gifts and cards,

Eco-detergents & shampoo refills/ toothpaste/ fairtrade tea & coffee

Advice on growing, compost, permaculture, herbs, plants

Please call, we are open on demand to serve our community

01691 780 180

www.dragons.cymru









PERMACULTURE DESIGN COURSES

Learn the Language of Nature

Treflach farm Saturday 8th August

11.00 am - 4.30 pm

www.sector39.co.uk

Permaculture quest

- ◊ From 1989 – 1992 I lived, worked in and visited 14 African countries
- ◊ Finally arriving in Zimbabwe where I became custodian of a permaculture farm
- ◊ It was the first thing in life which really made sense to me
- ◊ Since 1991 this has been the driving focus of my life
- ◊ 1995 I helped found our first permaculture housing co-op and community here in Wales
- ◊ In 2005 I founded sector39 to accelerate the uptake of permaculture education
- ◊ In 2014 I returned to Africa to develop S39Academy of Permaculture, this our journey

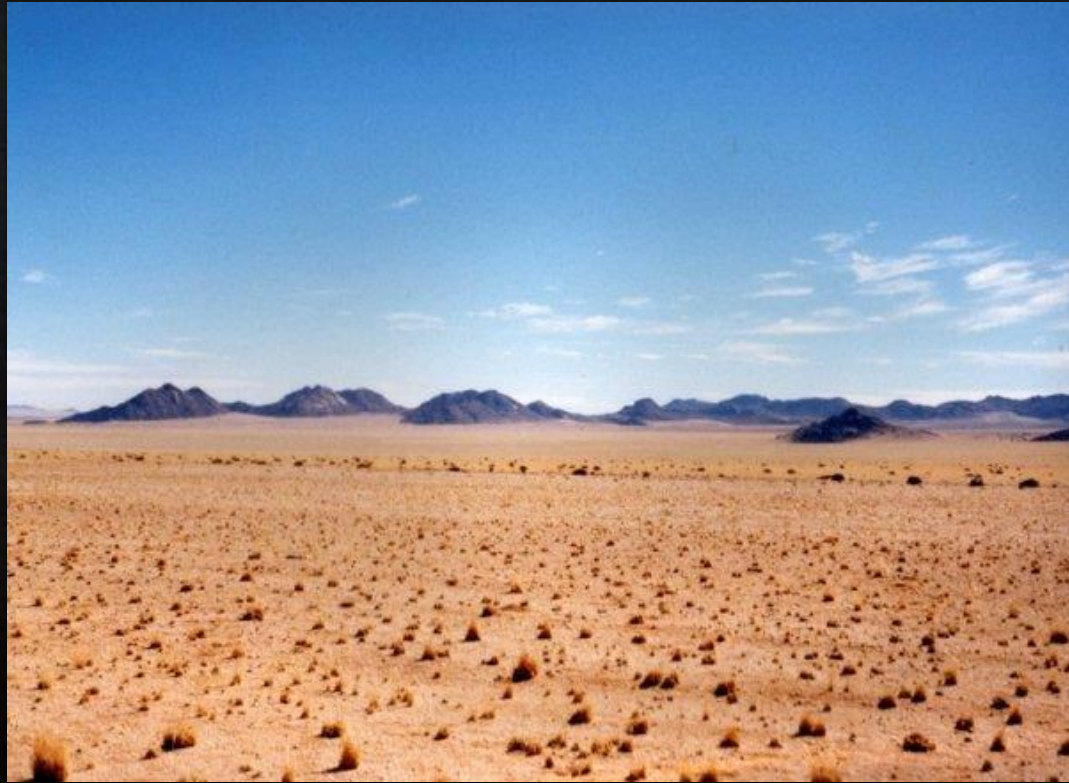


Wales for Africa



Coffe from Mt Elgon
Coffee and honey Co-operative
Mbale Uganda

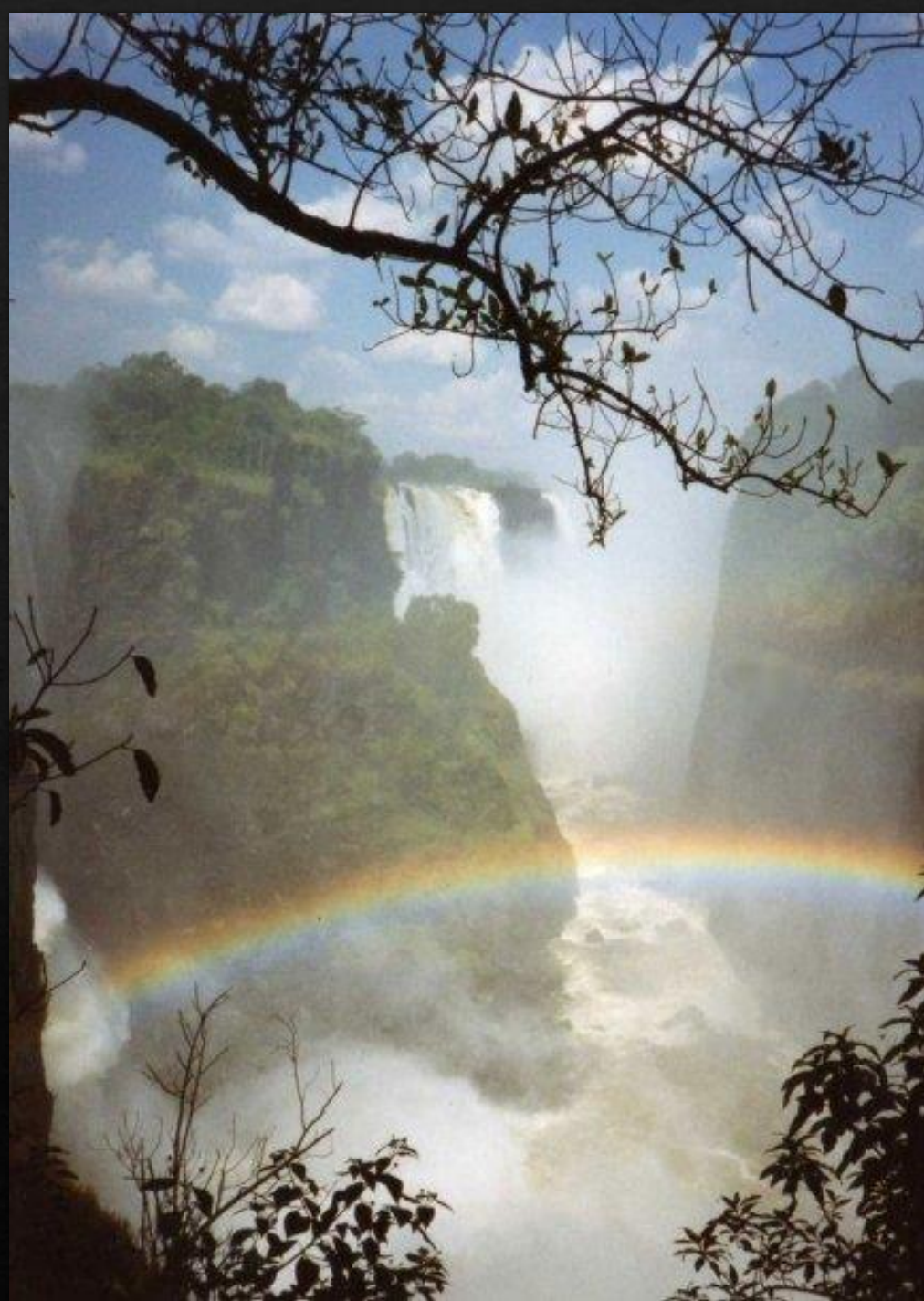
A Journey























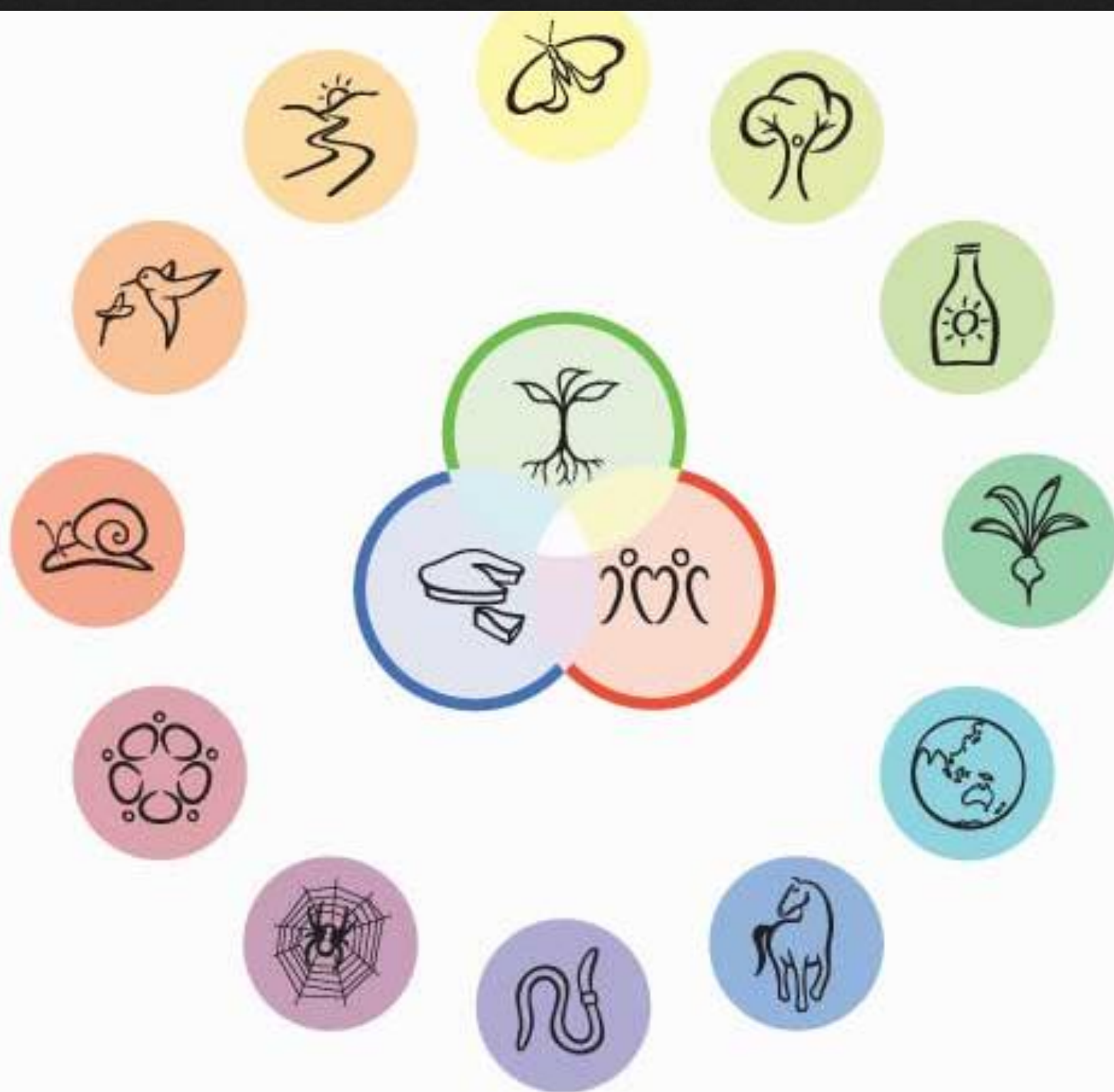
Permaculture education is key to survival



-  Care of the Earth
-  Care of People
-  Fair Share

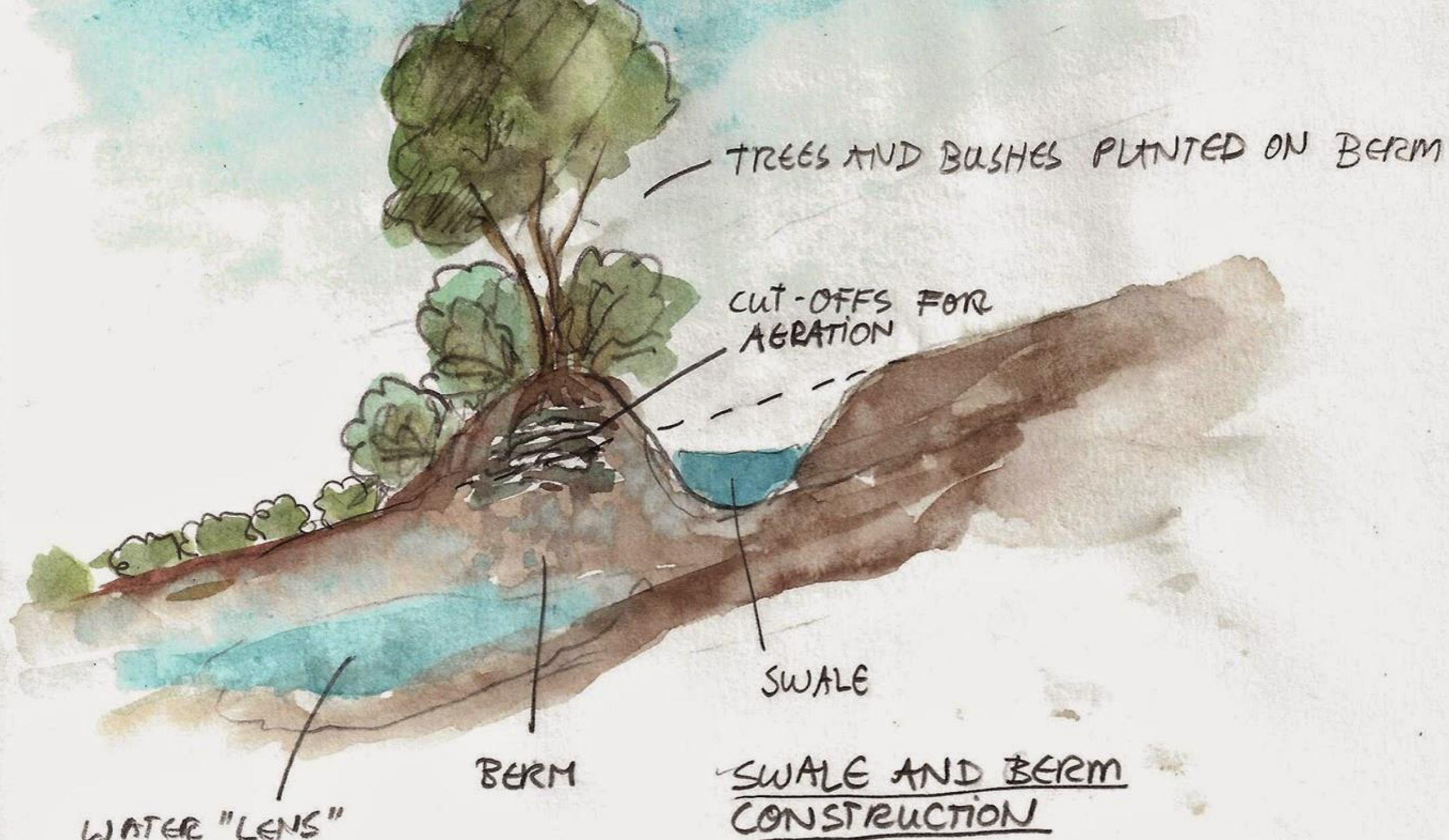
& Design Principles

-  1. Observe & interact
-  2. Catch & store energy
-  3. Obtain a yield
-  4. Apply self-regulation & accept feedback
-  5. Use & value renewable resources & services
-  6. Produce no waste
-  7. Design from patterns to details
-  8. Integrate rather than segregate
-  9. Use small & slow solutions
-  10. Use & value diversity
-  11. Use edges & value the marginal
-  12. Creatively use & respond to change









TREES AND BUSHES PLANTED ON BERM

CUT-OFFS FOR
AERATION

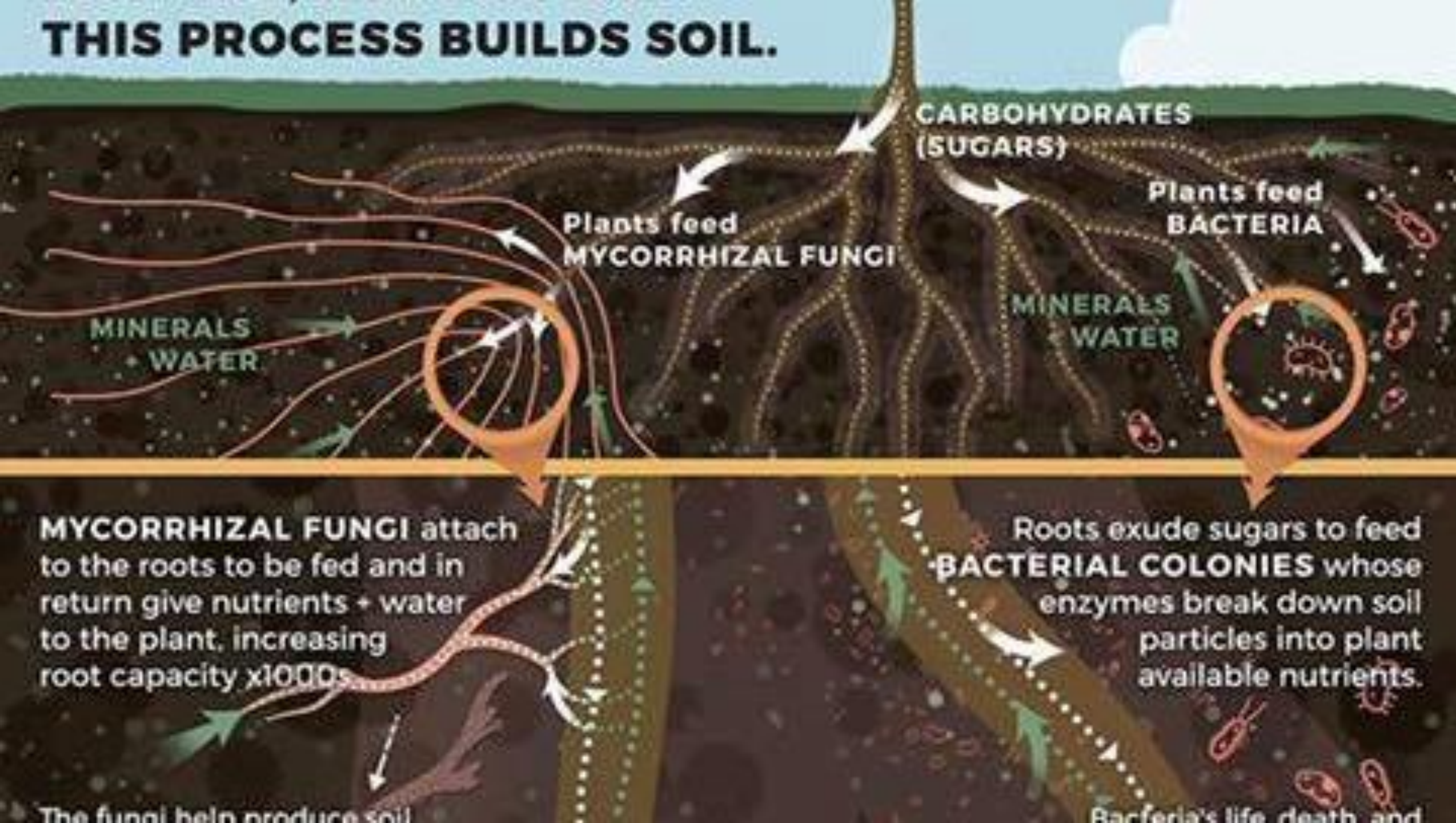
SWALE

BERM

WATER "LENS"

SWALE AND BERM
CONSTRUCTION

THIS PROCESS BUILDS SOIL.



Know your worms

There are no less than 29 earthworm species in the UK

A gardener's friend, worms are a good indication of soil fertility. Here are a few of the most common species working away beneath our feet.

A sure ID will need a microscope, but you should be able to tell which one of the four ecological groups your worm belongs to:

Composter worms

These are usually found in garden compost and rotting vegetation. They make excellent recyclers of green waste. Generally bright red and stripy.

Epigeic worms

These live at the soil surface and help to break down leaf litter. They are often bright red or reddy-brown but not stripy.

Endogeic worms

These live in soil, eating and aerating the earth. They are grey, pink, green or blue.

Anecic worms

These live in the soil, pulling down leaves from the surface. They usually have red or black heads and a paler tail.

Tiger worm

composter ● very common

These surface dwellers like to live in rich organic matter, so you may find them in decaying leaves, under logs or in your compost.

Grey worm

endogeic ● very common

This pale pinky-grey worm is known by many gardeners. In high numbers across the UK, this is one of the powerhouses of the earthworm world.

Red-headed worm

epigeic ● common

This is a deep red-headed worm that comes in all sizes – from 2cm to 20cm! Frequently found hiding beneath plants pots or compost bags.

Green worm

endogeic ● common

There are different colour forms of this worm, one pink and one green.

Rosy-tipped worm

endogeic ● common

This worm is small and pinky-grey. It has a flared band beneath its often orange saddle.

Lob worm

anecic worm ● common

Also known as the nightcrawler, this worm emerges in the dark of night. It is the largest worm in the UK.

Black-headed worm

anecic ● common

This black-headed worm reaches up to 20cm long. Can be found when digging in lawns.





































Garth garden Glynceiriog











Coffee and diversity

A permaculture story

**MOUNT
ELGON
COFFEE &
HONEY
CO-OPERATIVE**



Mt Elgon Uganda

This region was forested until only recently,
Mt Elgon coffee and honey co-operative
and working with several agencies to
replant, and develop sustainable incomes
from coffee and honey sales, which in turn
support the forest regeneration













BEEKEEPING SUSTAINS LIVELIHOODS 10 GOOD REASONS

- Pollination**
Bees provide free pollination services, the ability to visit 10 to 20 flowers in a single foraging trip. Pollination is essential for many crops and fruits, and is essential for maintaining biodiversity.
- Useful products**
Honey is valued for its medicinal properties, as a healthy food, and as a natural sweetener. It is also used in cosmetics and candles. Other products like beeswax and propolis are also harvested from bees.
- Land use**
Bees and flowers, together, are well suited to and enhance the productivity of agricultural areas. They also play a role in maintaining biodiversity and soil health.
- Low cost**
Beekeeping can be done on a small scale and requires minimal investment. It is a low-cost activity that can be done in rural areas.
- Income creation**
Beekeepers can earn a good income from their products. Beekeeping is a sustainable source of income for many people.
- Sustainable**
Beekeeping is a sustainable activity that can be practiced in a way that does not harm the environment. It is a green activity that can be practiced in rural areas.
- Benefits for several sectors**
Beekeeping has many benefits for different sectors, including agriculture, tourism, and health. It is a multi-sectoral activity that can be practiced in a way that benefits many people.
- Comparative advantage**
Beekeeping is a comparative advantage for many countries, especially in rural areas. It is a green activity that can be practiced in a way that benefits many people.
- Resilient income**
Beekeeping is a resilient source of income that can be practiced in a way that does not harm the environment. It is a green activity that can be practiced in rural areas.
- Gender and age inclusion**
Beekeeping is a gender and age inclusive activity that can be practiced in a way that benefits many people. It is a green activity that can be practiced in rural areas.

1kg x 10-BARS
SIMBA SOAP
Whitely Laundry Soap
Lemon (100g)







TULAMBULE



EASTERN REGION

23RD - 30TH JUNE 2018

WE ARE THE PEOPLE TO TELL OUR OWN STORY

Uganda The Pearl Of Africa







UGANDA COFFEE DEVELOPMENT AUTHORITY

(THE COFFEE REGULATIONS, 1994.)

333

Form 4,
(reg. 12 (2)).

CERTIFICATE OF REGISTRATION AS A COFFEE EXPORTER

CERTIFICATE No. 1454

Certificate is hereby given to MOUNT ELGON COFFEE AND HONEY CO-OPERATIVE LTD
of P.O. Box 158, MBALE, UGANDA

District MLOYO, REPUBLIC STREET, OPPOSITE MBALE POST OFFICE, UGANDA

This Certificate shall be valid from 1st October 2019 to the 30th September, 2020

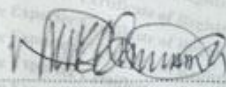
Fee PAID Shs. ONE MILLION FIVE HUNDRED THOUSAND ONLY (1,500,000/-)

Dated at Kampala, this 06th day of JANUARY, 2020

This Certificate is issued on the following conditions:

- To sell coffee using a tender system, auction, contract or direct sales involving reputable traders in any international market.
- Any sale of coffee shall be made FOB Mombasa, or Entebbe, or Dar-es-Salaam or any other acceptable terms of contract.
- Coffee shall be transported from factory to Mombasa, Entebbe or Dar-es-Salaam for shipment and the coffee shall be transported using the most effective means.
- Every type or grade of coffee developed to meet a marketing strategy shall be approved by Uganda Coffee Development Authority.
- To buy coffee from other coffee processors in Uganda and export it as the necessary quality certificate and transport permit may specify.
- To follow all other relevant routines and procedures connected with the export of coffee as laid down by any relevant Government authority.

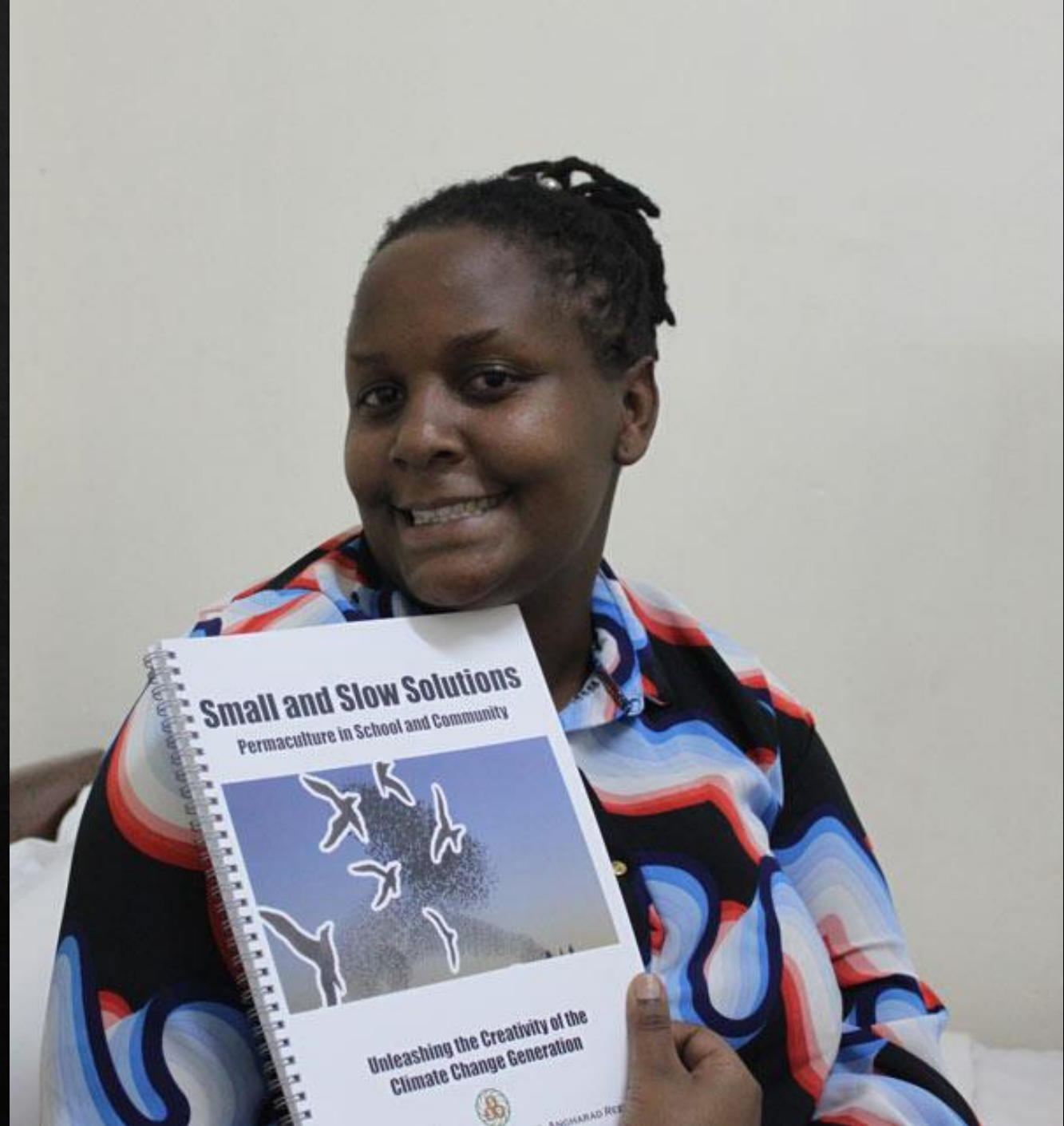
Date 07/01/2020



Managing Director







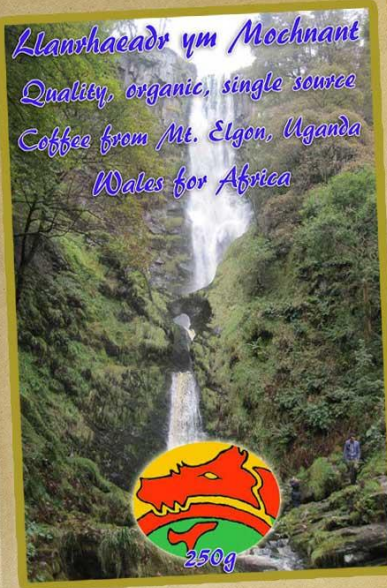


**MOUNT
ELGON
COFFEE &
HONEY
CO-OPERATIVE**



*Coffee from Uganda
Wales - Uganda partnership*

*Llanrhacadr ym Mochnant
Quality, organic, single source
Coffee from Mt. Elgon, Uganda
Wales for Africa*



**Coffee from Mt Elgon
Coffee and honey Co-operative
Mbale Uganda**

**Produced using Permaculture
and co-operative principles for
land restoration and social justice**

www.dragons.cymru

*Dragons co-operative
are based in Wales
home to Sectors 33
Permaculture training
A Wales - Uganda
partnership
working for a
better world*





Llanfyllin Workhouse

- * Historic building saved by the community as an asset
- * Community space and garden with History Centre



Llanfyllin High School Fruit Tree Guild

- * Illustrates principles of ecology and co-operation
- * Ddraig Goch variety apple surrounded by companion plants with practical uses.

Dolen Ffermio

- * Llanfyllin based charity, forging links with communities in Africa
- * Links Llanfyllin to the global dimension



Dolen Ffermio
Farming Link

The Cross Keys

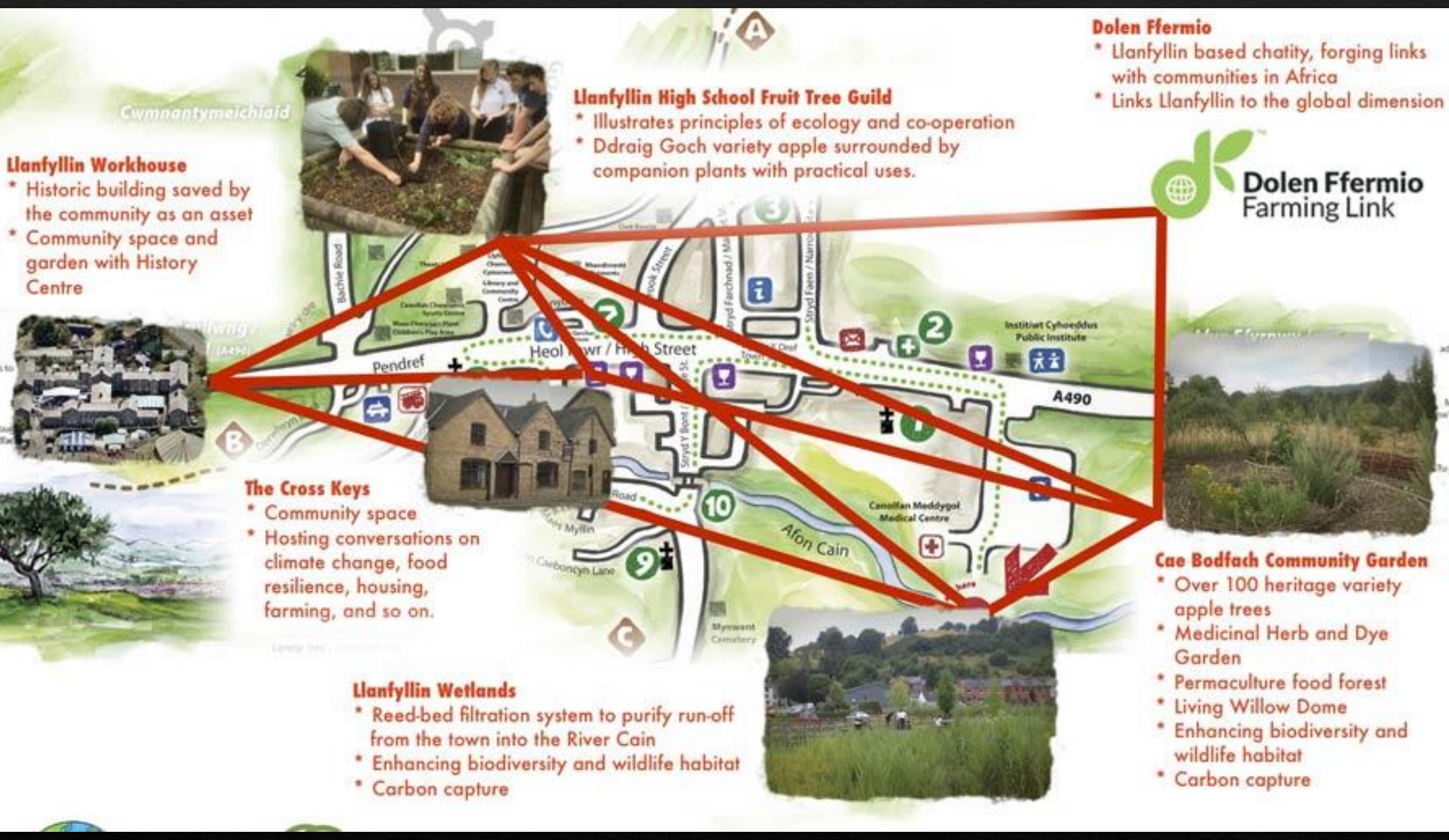
- * Community space
- * Hosting conversations on climate change, food resilience, housing, farming, and so on.

Llanfyllin Wetlands

- * Reed-bed filtration system to purify run-off from the town into the River Cain
- * Enhancing biodiversity and wildlife habitat
- * Carbon capture

Cae Bodfach Community Garden

- * Over 100 heritage variety apple trees
- * Medicinal Herb and Dye Garden
- * Permaculture food forest
- * Living Willow Dome
- * Enhancing biodiversity and wildlife habitat
- * Carbon capture



larger fruit bushes
on the outside of
the cell.

grafting will
probably be
done

apple, pear or
damson tree.

fruit tree in the
middle.

wood chip
on the ground
so no weeds
will grow

Smaller
fruit bushes
when I rain
- & water
falls off
the tree on to
them.

plants
that
prefer
moist
soil

give nutri-
ents to
the soil
which
helps
the
fruit
tree grow

Shrubs directly under
and around the tree.

These fruit
bushes may
include Black current
bushes, Red currents
and blue berry bushes.

Fruit tree Guild























MOUNT ELGON COFFEE & HONEY CO-OPERATIVE





Partnerships



Partnerships



Partnerships



Partnerships

Certificate No. 39296


Republic of Kenya
MINISTRY OF LABOUR, SOCIAL SECURITY AND SERVICES
Certificate of Registration of Community Based Organization (CBO)

This is to Certify that

RA/KON/CBO/002 Registration No.	PERMOAFRICA CENTRE Group Name / Project	17/10/2016 Date of Registration
KONAYO Sub-location / Ward	RANGWE Division	RANGWE Sub County
KUCHIA CENTRAL Location	RANGWE Constituency	HOMA/BAY County

**is registered with the office of the Sub County
Social Development Officer (SCSDO) as a
Community Based Organization (CBO)**

For: Sub County Social Development Committees

17/10/2016
Date of Issue

Note: The Contents of this Certificate should not be erased, altered or defaced in any way.



Hub Cymru Africa

Dragons.cymru



Dragons



Dragons brand

Permaculture coffee

We work closely with long term partners

Grown to highest standards

700 member farmers

From one co-op to another

Mt Elgon – Dragons co-op partners

