

# Carbon Livelihoods Program

Changing how the world thinks about climate change...

*“One day’s deforestation is equivalent to the footprint of eight million people flying from New York to London”*

*The Independent - 2007*



# Departure Point

- Change the destructive paradigm between development and conservation in and around protected areas is sub-Saharan Africa



# Carbon Livelihoods Programme addresses:

**Poverty Alleviation**

**Sustainable Development**

**Conservation**



Envirotrade 2002

  
Envirotrade



# Pilot Project in Nhambita

- Joint project between Chicale Regulado
- University of Edinburgh
- Envirotrade
- Edinburgh Centre for Carbon Management



# Payments for Ecosystem Services

Joint initiative between Envirotrade and WWF

- Pilot project in Gorongosa National Park (Nhambita)
- Quirimbas National Park
- National Forests – Nhampakue and Inhamitanga



# The opportunity...

"The growing market for carbon offers great opportunities for linking greenhouse gas mitigation with conservation of forests and biodiversity, and the generation of local livelihoods. For these combined objectives to be achieved, strong governance is needed along with institutions that ensure poor people win, rather than lose out, from the new challenges posed by climate change."

*Climate, Carbon, Conservation and Communities – WWF UK and IIED*



# The Carbon Livelihoods Vision: Sustainable Livelihoods

- Ethical business that works in partnership with forest communities in sub-Saharan Africa.
- Our Livelihood VER offsets are not a substitute for genuine and significant reductions in GHG emissions.
- Small farmers and forest communities are assisted to maximise food production through Carbon Livelihoods, they own the trees that they nurture throughout the sequestration cycle as well as the land rights.
- We bring investment into poor local communities and broker Livelihood VER on the international emissions trading market .
- We aim to enrich the lives of small farmers, promote biodiversity and mitigate global warming while creating a healthy and sustainable business for the future.



# The Power of Partnership

- ❖ Carbon Livelihoods provides the platform for community development, acting as a flywheel to attract multiple charitable and private sector partners.
- ❖ For the first time, all of these organizations are coming together to leverage their impact by arming a community with the power to alleviate poverty, protect the environment, address health care and education and export a valuable resource to the developed world.
- ❖ Through the Carbon Livelihoods Plus Programme, the developing world and the developed world are able to unite to fight climate change.

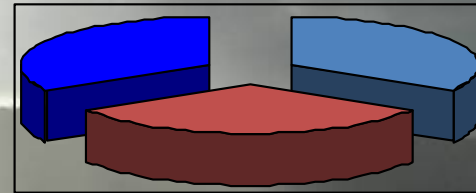


# Who gets the money?

Carbon Livelihoods is based on community focused transactions and a belief that these are a basis for sustainable development.

All revenue from sales is allocated

- 1/3 to the community trust, individual farmers and enterprise funds on a 7 year payment plan that relies on tree planting and monitoring for full payment.
- 1/3 to infrastructure and operations of the project on site.
- 1/3 to Envirotrade Ltd for its management and marketing costs.



■ Community  
■ Operations  
■ Management



# How are the VER credits created, registered and monitored?

- Carbon sequestered through Land Use, Land Use Change Forestry (LULUCF).
- Carbon registry and monitoring through the Plan Vivo methodology.
- Certificates issued by Plan Vivo Foundation.
- Verification by internationally recognised verifiers ie, SGS, Smartwood, Price Waterhouse Cooper



Dr Richard Tipper (ECCM) during inspection visit.



# Nhambita – Carbon Livelihoods Pilot

The Nhambita Community Carbon Project is transforming the livelihoods of a community living in the buffer zone of the Gorongosa National Park, Mozambique

- Management in place and experienced operations.
- 1000 farmers engaged in Plan Vivo and Carbon Livelihoods.
- Community has traded over 100 000 tons of CO<sub>2</sub> – \$900 000.
- \$125 000 in Carbon Livelihoods Trust for future payments.
- Individuals earning over \$130 per annum in addition to new crops and other co-benefits from livelihoods program.
- Community spending money on school, clinic, wells etc.



*Stern Review cites Nhambita Project as an example of how to jointly address poverty and climate change.*



# Nhambita farmer

## Felicio Lucas Melo



**Approximate average annual  
income at start of project – USD 50**

- Home : Nhambita Ward, Chicare Regulado
- Age : 33, Occupation : Farmer
- Family : Two wives, Maria and Martha and three children
- His family has two plots in Plan Vivo with boundary plantings (1.37ha). This will sequester over 55 tonnes of CO<sub>2</sub> and earn him USD244 in direct payments and an additional 25 USD that will be paid into the community carbon fund.
- Can still add 1.5 ha (three plots) and numerous options ie orchard (Mango, Cashew etc), homestead and “no burning” plans to this.
- Potential to earn further USD 966 from this activity and USD 124 to community fund.
- Support : Agricultural extension and advice
- Additional Income : Pigeon Pea (100 kg – USD140) and 5 beehives from project (14kg [USD60] per hive)
- Co-benefits : Access to School, Clinic.
- Was employed in the project for 2 years - USD 1200.

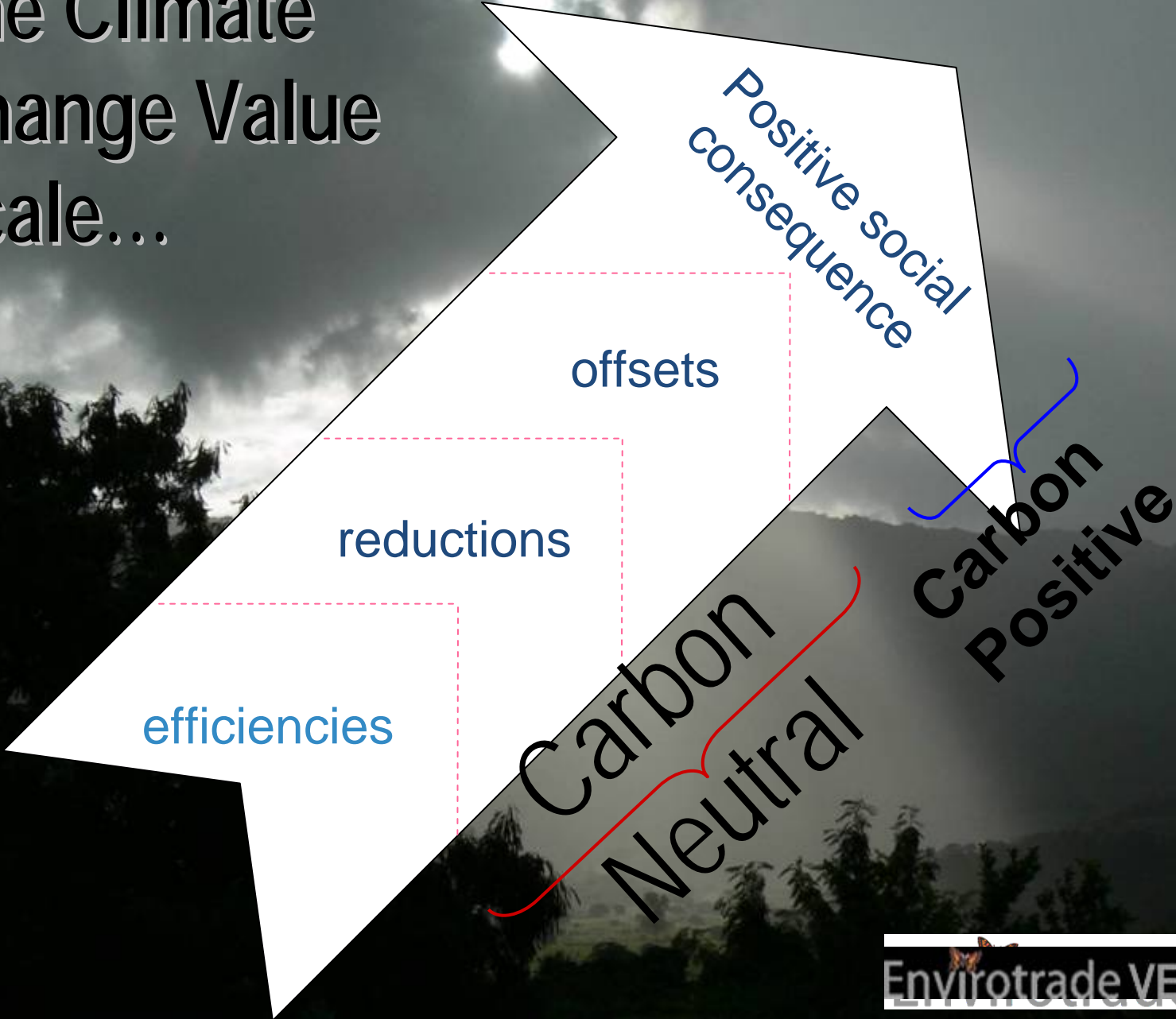


# Sustainable Business: A Triple Win

- ✓ Reconcile environmental protection and economic development
- ✓ Carbon sequestration- an invisible, exportable commodity that brings cash to the local community and sets the platform for sustainable development
- ✓ Carbon Livelihood VER is a high value credit that corporates can buy to achieve carbon neutrality, trade on the carbon market and complement their corporate social responsibility program.



# The Climate Change Value Scale...



Corporate clients send volunteers to projects.....



# The Envirotrade Vision: Carbon Livelihoods Across Africa?



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We look forward to working with you

-The Envirotrade Team

  
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