



DR. RICHARD MUNANG:
MAKING AFRICA WORK THROUGH
THE POWER OF INNOVATIVE
VOLUNTEERISM

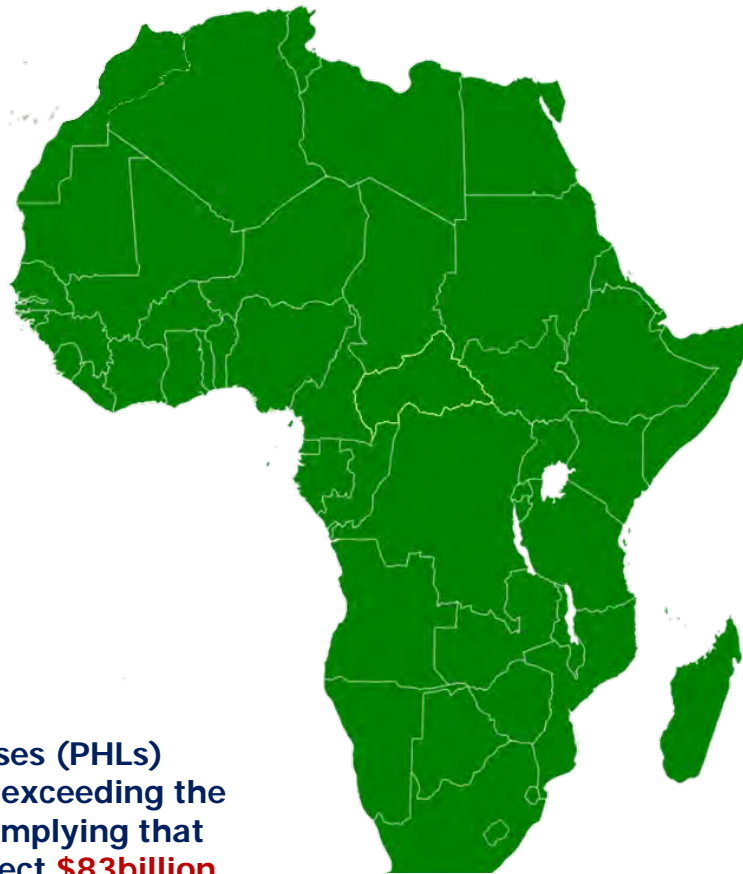


"A man who calls his kinsmen to a feast doesn't do so to redeem them from starving. They all have food in their own houses"



"When spiders unite they can tie down a lion?"

FOOD INSECURITY



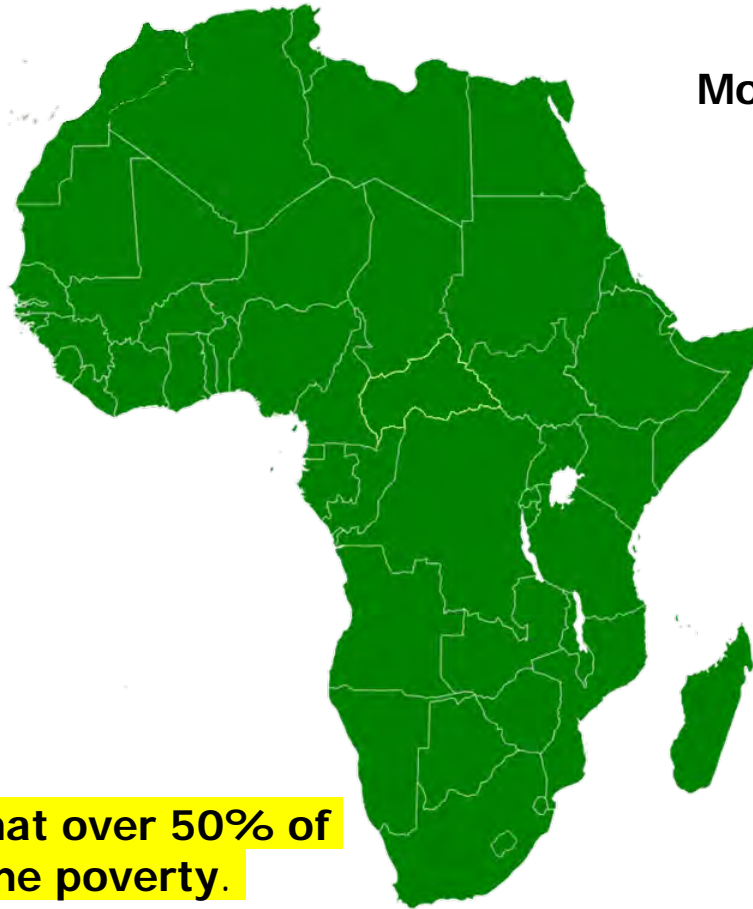
Yet **65%** of the global arable land is right here in Africa



240million going to bed hungry every day in Africa

Am talking of postharvest losses (PHLs) topping **\$48billion** each year, exceeding the **\$35billion** spent on imports. Implying that reversing these losses will inject **\$83billion** into the regional economy every year. Right here, Uganda's PHLs amount to nearly \$5 million annually. Reversing means injecting an extra UGS 16bn to the local economy.

AFRICA LOSSES & EXPENDITURE



Mothers in Africa should not bury their 5 years olds because of hunger.



Its is unacceptable that over 50% of Africans are in extreme poverty.



Because when we go further and decentralize electricity to power agro-industrialization, we get a much higher return

Am talking of energy poverty, with over **600million** – over **60%** of the continents population being in the dark. Yet just 0.3% of the sunlight we have here, can supply nearly all of Europe's energy needs. Am talking of as much as **\$98billion** extra just from one crop value chain, translating to not only lighted houses, but jobs & richer communities and bigger economies.



Climate change is already defining the contours of the continent - representing an ever-increasing threat projected to impact agro-productivity in ways that we have never seen before.



60%

Percentage of unemployed youth

The majority of Africa's population is youthful and up to 60% of them are unemployed. By 2035, the number of Africans reaching working age will exceed the rest of the world combined.



Already, frustrated by the lack of opportunities, many youth are risking their lives on perilous journeys in search of a better life in other continents. Looking for practical solutions that can remedy poverty will also help realize the aspirations enshrined in the AU Agenda 2063.



"it takes a village to raise a child"

IT IS TIME TO FULFIL THAT POTENTIAL FOR THE BENEFIT OF PRESENT AND FUTURE GENERATIONS



**Internal Renewable Fresh
Water & Hydro Sources**



**Mineral
Reserves**



Arable Land



Rich Wildlife



The parable of lack amidst plentiful opportunities is Africa's Achilles heel and this needs to be addressed



**"A MAN DOES NOT WANDER FAR FROM
WHERE HIS CORN IS ROASTING"**



INPUT

PRODUCTION

**PROCESSING &
DISTRIBUTION**

MARKETING

CONSUMER



To convert the comparative advantage we hold in clean energy and sustainable agriculture resources into global leadership in clean energy powered agro-industrialization. That will simultaneously solve socio-economic challenges alongside meeting climate objectives under the Paris Agreement. And this is the essence of innovative volunteerism.



As the African proverb goes, "When the cock crows, it signals a new day".

CLEAN ENERGY FOR PROCESSING AND OTHER COMMERCIAL AGRO-VALUE CHAIN LINKAGES



Where we focus our collective resources to linking sustainable Ecosystem-based adaptation (EbA) driven agriculture to clean energy based value addition, It will reverse ecosystems degradation and enhance retrieval of the \$68bn lost annually to land degradation. This integration is projected to potentially create as many as 17 million jobs along the entire agro-value chain, earn an additional \$20bn annually from agro-trade.

UGANDA



Post-Harvest Losses are estimated
25 – 35% with other estimates
pegging losses at a high of **60%**



Banana, the most important staple crop registers
up to **45%** PHLs. Cumulatively Uganda's annual
PHLs are estimated at nearly **\$34 million** annually.
Translating to not only lost food, but income & job
opportunities along the supply chain.

.....



losses in fruits – mangoes, pawpaw &
oranges are at a high of **80%**.



Cassava, the second most important staple crop in
Uganda & identified as an emerging market
oriented commodity has the most significant losses
of up to **90%** of its initial value – translating to over
\$30 million annually

**Cross the river in a crowd
and the crocodile won't eat you.**



This is the thinking with which to drive achievement of these strategic visions - collectively through synergized, complementary actions. Mobilizing this synergy is the logic behind the Ecosystems Based Adaptation for Food Security Assembly (EBAFOSA).



2ND AFRICA

Ecosystem Based Adaptation for
Food Security Conference 2015

Nairobi | 30 - 31 July 2015



Established collectively through a continental process facilitated by the UN Environment and the African Union – both of which Uganda is a member, EBAFOSA is a countries-driven, inclusive policy implementation action framework that convenes multiple sectors of the economy to work in complementarity for synergy to accelerate socioeconomic transformation and climate resilience



EBAFOSA IS A PEOPLE'S ASSEMBLY

Vibrant & youthful
population



People motivated to act
NOT by the challenges
but the opportunities

EBAFOSA is a people's assembly- a coalition of the willing assembly with people motivated to act NOT by the challenges but the opportunities Africa presents. Be it a vibrant & youthful population whose skills, talents, professional knowledge, creativity & energy combines with the professional experience and technical expertise of established professionals in the continent

SPIRIT OF SELFLESS COMMITMENT TOWARDS AFRICA'S SOCIO-ECONOMIC DEVELOPMENT



Innovative Volunteerism is pinned on the spirit of selfless commitment towards Africa's socio-economic development. It is delivered through EBAFOSA where everyone is brought together for #climateAction & socioeconomic transformation through sustainable agriculture led clean energy powered industrialization.

INNOVATIVE VOLUNTEERISM IS NOT BLIND OPTIMISM



Cameroon savannah



Kenya Highlands



Matoke hills of Uganda



West Africa coastline

POCKETS OF SUCCESS AND MOVE FROM TALK TO ACTION



In the Democratic Republic of Congo, a group of graduate youthful "agripreneurs" have channeled their skills, networks and capital to optimize the cassava value chain. These young people process cassava into flour, package it, standardize it and sell to bakers. For this integration, the youth generate up to \$4,000 as weekly income, translating to \$16,000 monthly and **\$196,000** annual income.



In Nigeria through the EBAFOSA Framework premised on the spirit of innovative volunteerism mobilized youth groups have volunteered their skills and partner with farmer cooperatives with the aim of developing EbA farming and expanding reach of EbA actions in Nigeria.



ON POLICY HARMONIZATION

A key focus for the Sierra Leone task force is tax concession policies for agro-based industries in rural areas.



Mozambique has kick-started policy harmonization by identifying the key policy areas to target to maximize productivity of the catalytic areas



EBAFOSA Sierra Leone task force has started building on some 4 ongoing policy initiatives for harmonization towards maximizing productivity of the catalytic areas.



EBAFOSA STANDARDS



Through the EBAFOSA standards currently being domesticated in Uganda, the cassava producers of Busiro will have a market beyond the Uganda Breweries initiative. Their market will extend across the 17 Buganda counties, Uganda, your East Africa neighbors and cover 40 countries across Africa. That will put Buganda and Uganda on track to tap into the **\$200 million** African cassava market.

M-eBAFOSA



Strategic Level data

Policy & Non-policy
Level data

Investment decision
makers



BIG DATA *Analytics*

ICT as a driver, the EBAFOSA driven ICT app called M-eBAFOSA currently been developed in Nigeria and across EBAFOSA countries will be a one-stop-shop financing module, a door-way that links diverse actors. M-eBAFOSA is bringing an added value novelty- expanding a new layer covering strategic level data needs for policy & non policy investment decisions makers.

**POCKETS OF SUCCESS AND MOVE
FROM TALK TO ACTION**



Innovative Volunteerism



The formula to engendering an inclusive Africa and ensuring collective progress and prosperity is on the move. Such pockets of success are a clarion call and an encouragement for us to build on them and create full scale solutions.



"If you think you are too small to make a difference, you haven't spent the night with a mosquito"



A difference like that been made by Muhammed Taal in the Gambia who after years 14 years in Europe doing different jobs to survived returned back home in 2000. He tried to use his skills to build up his assets by starting composition production. Through EBAFOSA, he has partnered with livestock farmers to harvest manure & groundnut farmers to harvest shells and using these as raw material, produce bio-fertilizer for sell. .



It's a story of young St Kizito High School in Uganda who are developing practical skills in briquette production, EBA & smart agriculture and waste management but is also supplementing technical skills with the Business / Entrepreneurial training. This initiative successfully transformed St, Kizito High School, from use of firewood to use of their fuel briquettes saving up to 7 trucks of firewood per term and 21 trucks per year. This youth are the future of tomorrow



In the words of a famous African proverb, “where you will sit when you are old shows where you stood in youth.”



Have you not heard that the future belongs to those who believe in the beauty of their dreams?



As the biggest stakeholders of Africa's future, dreaming, and dreaming big for Africa is what all of you should do. And don't dare stop at your dreams – arise from slumber, roll up your sleeves and create the dreams



Innovative volunteerism as I have explained before is the answer. Package your competences and dreams, whatever they may be, – be they in science, in history, in engineering, in the performing arts, in politics, in entrepreneurship of any field



More than **330 million** African children, women and men live in extreme poverty. Sub-Saharan Africa has the dubious distinction of having the highest rate of child mortality in the world, with **83 out of every 1,000** children born live dying before their fifth birthdays.



**“BETTER LITTLE
THAN TOO LITTLE.”**

- CAMEROON



"When we gather together in the moonlight village ground- it is not because of the moon Because Everyman can see it in his own compound. Rather we come together because it is good for kinsmen to do so"



As we do so, let us learn from the hardworking and selfless spirit of ants and apply to ourselves the very lessons where we can selflessly spur ourselves to action and unlock what is worth more than what finances can achieve. We cannot therefore recoil from collectivism to individualism. Let us use what we have to galvanize actions that can win the future for ourselves and for those yet to be born. We Must therefore usher ourselves to Action

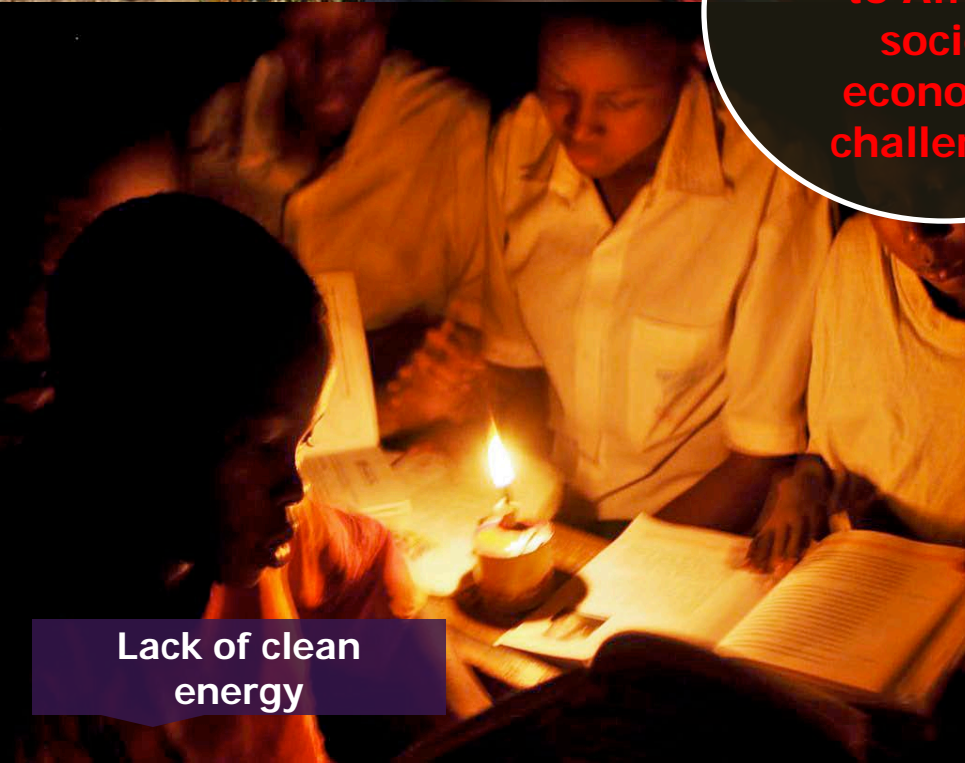


Insufficient food



Sleeping hungry

**EBAFOSA THE
SOLUTION
to African
socio-
economic
challenges**



Lack of clean
energy



Unemployed youth



**Let us March forward in the Spirit of Innovative
Volunteerism and seize the moment!**



Thank You!



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