

'Agricultural Entrepreneurship: A Pathway to Progress'

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Entrepreneurship

Basic Definition:

"one who undertakes innovations,
finance and business acumen in
an effort to transform innovations
into economic goods".

Wikipedia

'Agricultural Entrepreneurship'
as an initiative...

"can CHANGE how we utilize
available resources while

CREATING new opportunities &
solutions."



At the outset...

Let's take a look on our current Agricultural situation?



1. Current Negative Agriculture GDP

I. REAL SECTOR	Latest Quarter	Preceding Quarter	Year to Date	Same Quarter Year Ago
A. National Income (% g.r.) (NSCB)				
GNP	7.9 (Q2 '10)	8.6 (Q1'10)	8.2 (Q1-Q2 '10)	4.4 (Q2 '09)
GDP	7.9	7.8	7.9	1.2
Agriculture	-3.0	-2.7	-2.9	0.3
Industry	15.8	15.9	15.9	-0.6
Services	6.4	7.1	6.7	2.7

2. Increasing Unemployment in Agriculture sector

II. EMPLOYMENT (NSO-LFS) AND WAGES	Latest Period	Preceding Period	Year to Date	Same Period Year Ago
A. Unemployment Rate (%)[†] new definition	8.0 (Apr '10)	7.3 (Jan '10)	7.7 (Jan-Apr '10)	7.5 (Apr '09)
B. Employment Generated ('000)	414 (Apr '10)	1730 (Jan '10)	1072 (Jan-Apr '10)	1,462 (Apr '09)
Agriculture	-803	-48	-426	409
Industry	395	464	430	87
Services	822	1314	1068	965

Source: NEDA Sept 2010

3. Declining Growth Rates - by Commodity

Commodity	1960-70	1970-80	1980-90	1990-2000
Crops	3.9	6.8	0.6	1.2
Palay	4.5	4.7	2.7	1.8
Corn	5.3	5.9	3.5	-1.4
Coconut	2.3	4.9	-4.9	0.6
Sugar	4.8	2.9	-5.3	0.6
Bananas	5.5	15.6	-3	2.1
Others	3.6	9.5	1.1	1.7
Livestock & Poultry	3.2	3	4.7	4.8
Livestock	3.1	0.5	4.9	4.3
Poultry	3.7	9.2	4.4	5.6
Fisheries	6.9	4.5	2.4	1.4
Forestry	5.1	-4.4	-7	-21.5

Source: David (2003)/ Habito/Briones- Phil Agriculture Over the Years

4. Dwindling Yield Growth for Major Crops

	1961-1970	1971-1980	1981-1990	1991-2003
Rice	4.3	2.6	3.3	1.2
Corn	3.2	1.5	2.8	2.8
Coconuts	-2.6	1.7	4.9	2.8
Sugarcane	0.1	0.8	2.8	-0.8
Bananas	1	13.4	-2.5	3.1

Source: FAOStat (2004)/ Habito/Briones- Phil Agriculture Over the Years

5. Alarming Forestry Degradation

Philippines Forest Figures

Forest Cover

Total forest area: 7,162,000 ha
% of land area: 24%

Primary forest cover: 829,000 ha
% of land area: 2.8%
% total forest area: 11.6%

Deforestation Rates, 2000- 2005

Annual change in forest cover	: -157,400 ha
Annual deforestation rate	: -2.1%
Change in defor. rate since '90s:	-20.2%
Total forest loss since 1990	: -3,412,000 ha
Total forest loss since 1990	: -32.3%

Source: Philippine Forestry Profile, 2005

6. Looming Marine Habitat Concerns

Philippine Marine Habitat and Biological Resources Situation

- 1) Mangrove from 400k to 100k only at present
- 2) 16 spp should be saved
- 3) 69 spa of 23 families
- 4) Coral reef 25k km. 5 - 10% are in good condition
- 5) Tuna from 300k to 500k now 200 k
- 6) Coral fish from 350k to 177k
- 7) 90 to 95 % of fish in the reef area are lost in biomass sq.km

Source: Dr. Angel Alcala, Silliman University,
Director, Angelo King Center for Research & Environmental
Management, Biologist & Coral Reef Expert

Now, what can be done to address
these alarming Agricultural issues?



What can we CHANGE and CREATE from these key Agricultural issues and problems?



Conceivably...

CHANGE
(The way)

- We use & protect our natural resources
- We nourish our families
- We develop our communities
- We meet the needs of society

CREATE

- Ways to solve problems & create value
- Ways to do business
- Jobs, Products & Services
- Wealth

The bottom line is...

We need to focus on 3 critical factors:

- Productivity
- Efficiency
- Sustainability



Let's try to simplify further...



From an Agricultural
Entrepreneurship's Perspective

Community Livelihood Model



Barangay Atisan, San Pablo City,
Laguna, Philippines

BARANGAY ATISAN MODEL:

Key Challenges in Community Livelihood Program

- 1) Unpredictable low prices of products they produce
- 2) Lack of capitalization
- 3) Lack of knowhow of plants that can be profitable
- 4) Dependence on single source of income
- 5) Management of their source of income

ECONOMIC & ENVIRONMENTAL Program
Implemented in the community (since 2004)

1. VARIETAL selection of plants & trees
ENDEMIC in the area



2. MULTIPLE CROPPING systems to arrest
erosion





Farming system to control erosion



3. Initiated cattle fattening program & gave technical & financial support for ginger & yam production



4. Encouraged people to PLANT the PRESCRIBED TREES & purchase the produce at a guaranteed price



5. EDUCATION of people in the community with supplemental LIVELIHOOD such as bee & organic farming



Bee Farming Training for Aetas & local folks

6. Assistance given to the community through student scholarships & computer donations



Rationale of the Program

1

To shift the paradigm
of Slash & Burn Farmers

2

To educate the importance
of cover crop

3

To plant indigenous crops with economic
& environmental value

4

To control & manage
frugivore birds & other animals

Rationale of the Program

- 5 To renew the people's interest & attitude towards tree planting
- 6 To design minimal management of indigenous trees & plants
- 7 To practice multiple cropping for pest & disease management
- 8 To achieve an effective water conservation program

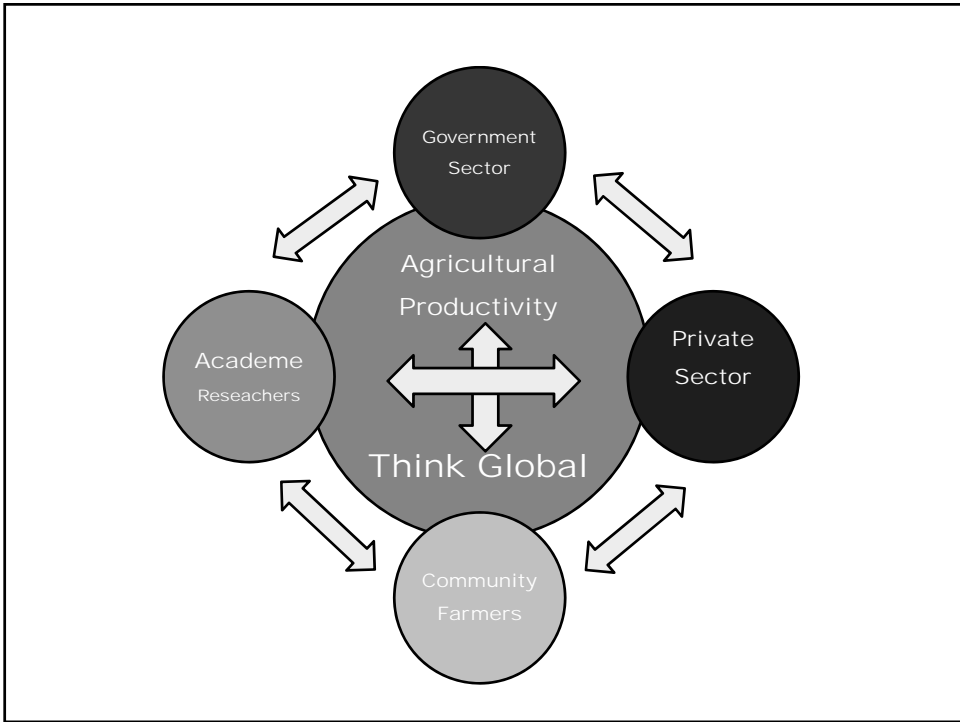
St Ambrose (Bignay) Wine

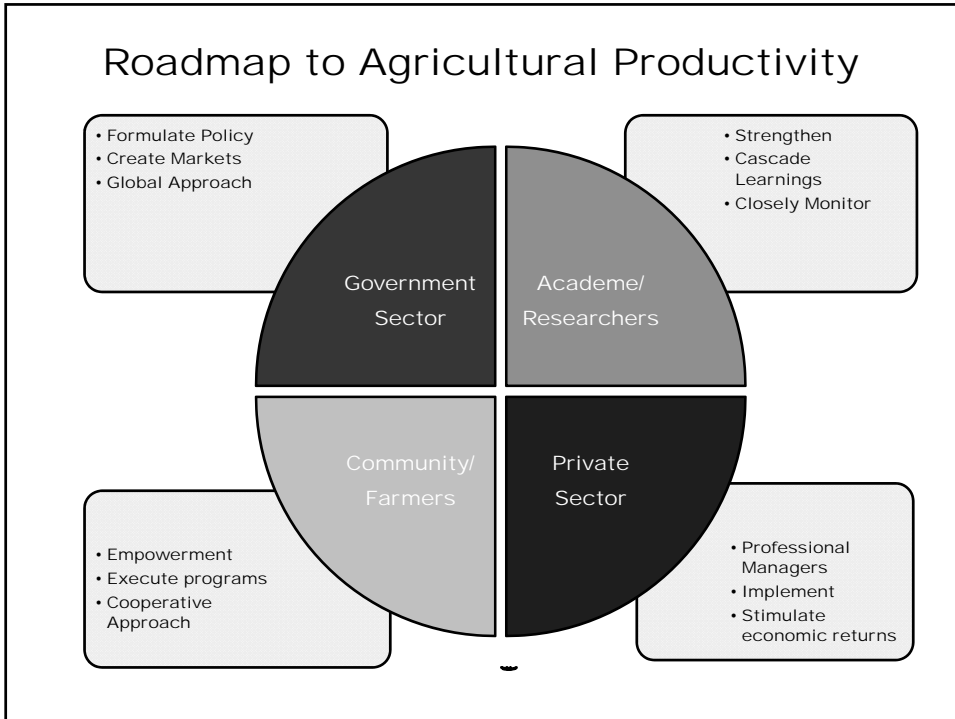


Patronage of this wine & honey contributes to the LIVELIHOOD of the once slash & burn farmers, EDUCATION to their children & PRESERVATION & SUSTAINABILITY of biodiversity

San Ambrocio Honey







Thank you!

