Université Quisqueya

A young University
31 years

Rebuilding since the Earthquake

The agenda for change sounded "right" for our University

Before this project

- A University co-funded by academics and entrepreneurs ; An entrepreneurial university

- A university engaged with the communities (many project involving our faculties and/or our students)

- The agenda for quality (our own agenda for change before this project – working to develop the students skills and know-how)

The school of agriculture is from our perspective a "pilot project" to go further in the five key elements to success and develop a university to serve better the development of our communities and that of our country

Quisqueya university School of Agriculture and Environmental Science

FSAE
Faculté des Sciences de l'Agriculture et de l'Environnement

A school of agriculture to work for,
a school of agriculture to work with,
other actors in the innovation system in order to
improve rural families' economic security

Building a better network of actors in
the agriculture value chains in order to
increase wealth creation in Haiti's rural areas

Gael Pressoir
Dean of the College of Agriculture and Environmental sciences
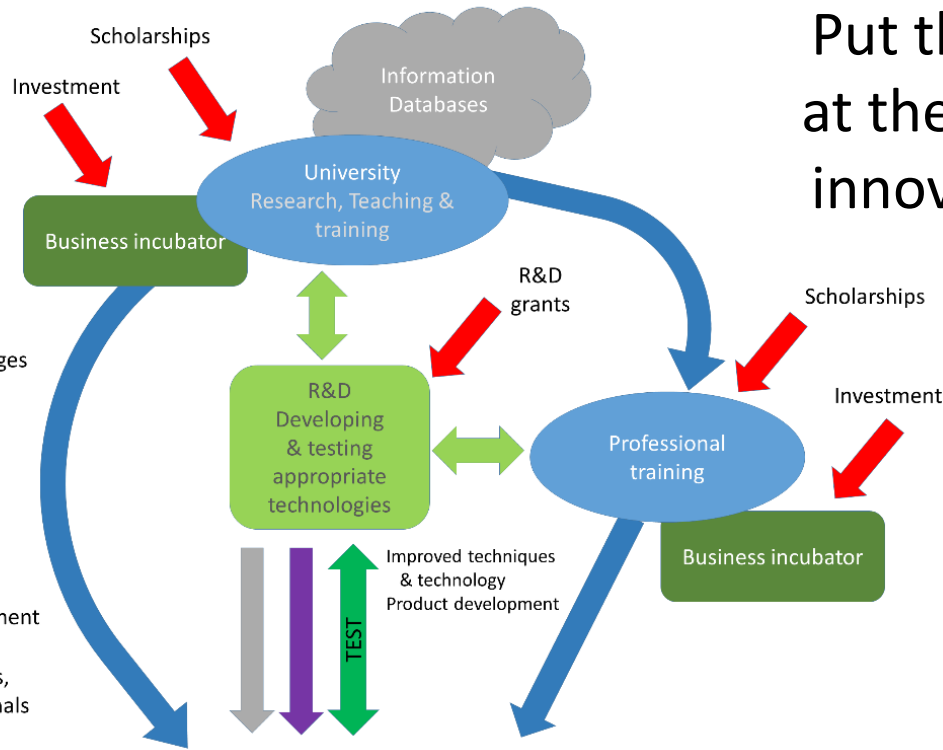**Adjunct vice rector for research**

The School of Agriculture at Quisqueya University is transitioning

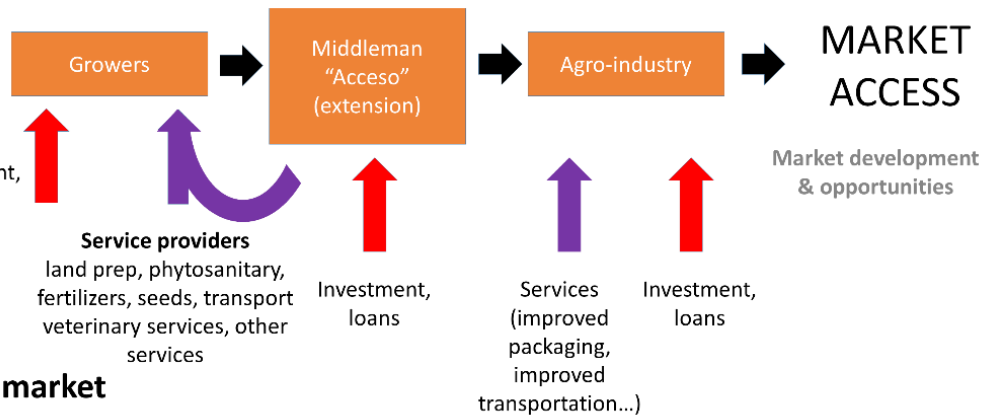| Teaching College		Learning & Research University
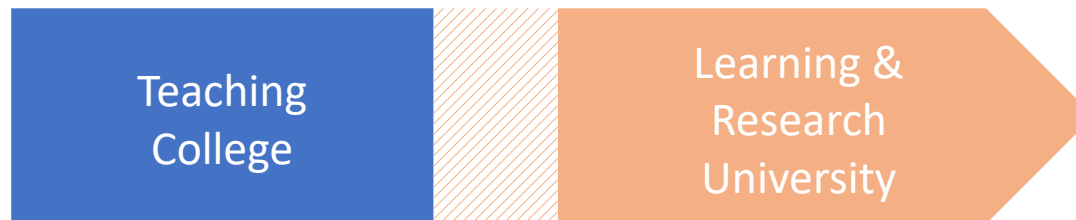
- Research & Extension: delivering solutions for the development of our communities
- Experiential learning, entrepreneurship
- Training student toward Science and Technology
- Engaging our faculties and students within the communities

Improving how the innovation system works

- Improving access to appropriate technologies
- Enhancing innovation along the value chains
- Improved the number and the quality of skilled professionals (improved higher education)
- Incubate new businesses & promote entrepreneurship from young professionals

Scholarships

Investment

Information Databases

University
Research, Teaching & training

Business incubator

R&D grants

Scholarships

Investment

R&D
Developing & testing appropriate technologies

Professional training

Improved techniques & technology
Product development

Business incubator

TEST

→ Testing innovation and packages

→ Collaborative projects

→ Transfer: information & data

→ Transfer: technology

→ Scholarships, grants & investment

→ Training teachers, researchers, technicians, skilled professionals

Put the university at the heart of the innovation system

Growers

Middleman "Acceso" (extension)

Agro-industry

MARKET ACCESS

Market development & opportunities

Investment, loans

Service providers
land prep, phytosanitary, fertilizers, seeds, transport veterinary services, other services

Investment, loans

Services (improved packaging, improved transportation…)

Investment, loans

Improving access to market
Creating opportunities for growers

- Economic sustainability & development
- Food and economic security
- Increasing revenues from production
- Increasing employment numbers and quality

→ Investment fund, loans

→ Extension & other services
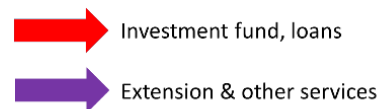
Sorghum Cluster

maintenance

Services
Packaging

Financial
services and
insurance

Seed (ORE)

Land prep and
planting (service
providers)

Sorghum
Producers

Sorghum
mill
(EDNSA)

Milled sorghum
products

Qualified personnel

Increase productivity
New varieties
New technologies

R&D – product dev
Product differentiation
Operative efficiency

University

Beer and malted
drinks (BRANA)

Animal feed
(Hi Pro)

Snacks, breakfast
cereals, couscous
(extruded products)

Flour and semolina
(EDNSA)

Bakeries and
industrial pastries

Distribution

Updates

The UniQ innovation centers

- Community engagement : faculties and students

- Business incubators

- Applied research centers : participatory research and evaluation of our « technologies »

- Extension centers

- Experiential learning centers : community engagement, conflict resolutions through dialogue, problem solving within the (1) farms, (2) small businesses, and (3) communities

Entrepreneurship, Agriculture production and community development

A new program (very much inspired to what we have seen in other University - including EARTH).

The idea is to have a program in which the student graduate with (or in) a company with a product or service that they developed

- Curriculum ready for validation by University board before December

- Hopefully we will recruit a new faculty for the "Entrepreneurship chair" before the end of the year

Entrepreneurship, Agriculture production and community development

- Graduate with (or in) an entrepreneurial project ;

- A company that solves a problem : (1) increasing Haiti's production, (2) developing new markets for farmers' production, (3) …

- There is a product (or service) developed by the students ;

- The students learn to develop businesses and business relationships within the communities;

- The students have developed the skills, know-how, for agriculture production and transformation

Agriculture Science & Technology program

- Graduate with a research project ;

- The research addresses a problem …

- Experiential learning: embedded in our research facilities ;

- Experiential learning: Understanding the science "in the fields";

- The students have developed the skills, know-how, for R&D (innovation: product – service development), research,

- Community engagement with an agriculture (technology) extension project (participatory evaluation of new solutions and technologies)

A new role for Haiti's Universities

Getting more Haitian products to the market

- Training a new generation of ag entrepreneurs

- Running a business incubator

Professional engineers "Entrepreneurship, Agriculture production and rural-community development"

Innovation & appropriate technology

- Sustainably increasing land productivity and farmer/time productivity

- Product development (market driven)

Sci & Tech engineers

Few additional updates on progress made

- Updating the University Master Plan and integrating the agenda for change

- The agenda for changed has been made ; submitted for approval by curriculum council and board

- Entrepreneurship program & curriculum about to be approved

- Centers for community engagement being established in two regions

- Experiential learning making (slow) steady progress

- Plans (in agenda) to start making progress soon on other two key elements of success

Thank you
for your attention