

AGRICULTURAL ENTREPRENEURSHIP :

EXPERIENCE OF UNIVERSITY SINE SALOUM EL HÂDJ IBRAHIMA NIASS

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15th MAY 2023



INTRODUCTION

Agricultural entrepreneurship : emerging field.

❖ Strategies for agricultural entrepreneurs (analyze and understand the ecosystem) → respond to the institutional changes, economic and technological disruptions

→ Secrets to entrepreneurial success : Responsibility, Grit, Passion Adaptability and Resilience...

→ Types of entrepreneurs: Creator, Builder, and Operator

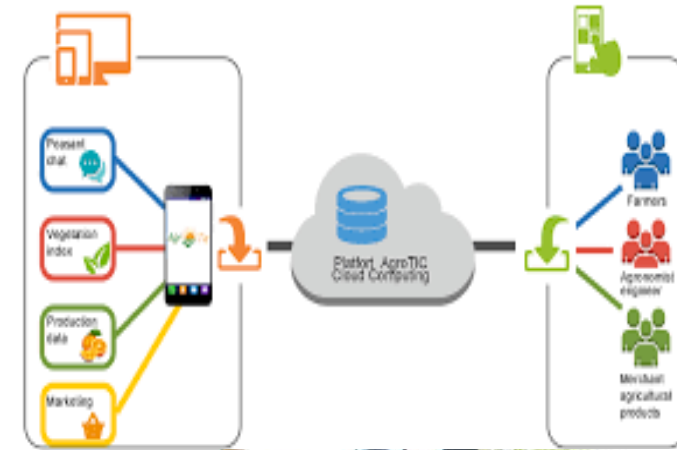
• Vision, Out-of-the box thinking, Innovation

CHALLENGES IN AGRICULTURAL ENTREPRENEURSHIP

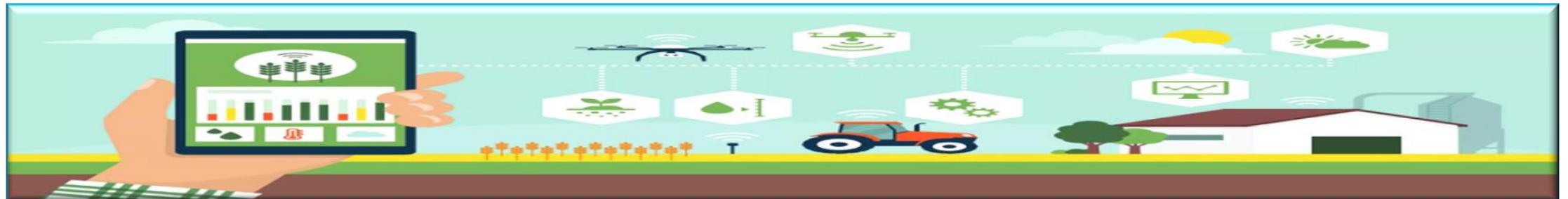
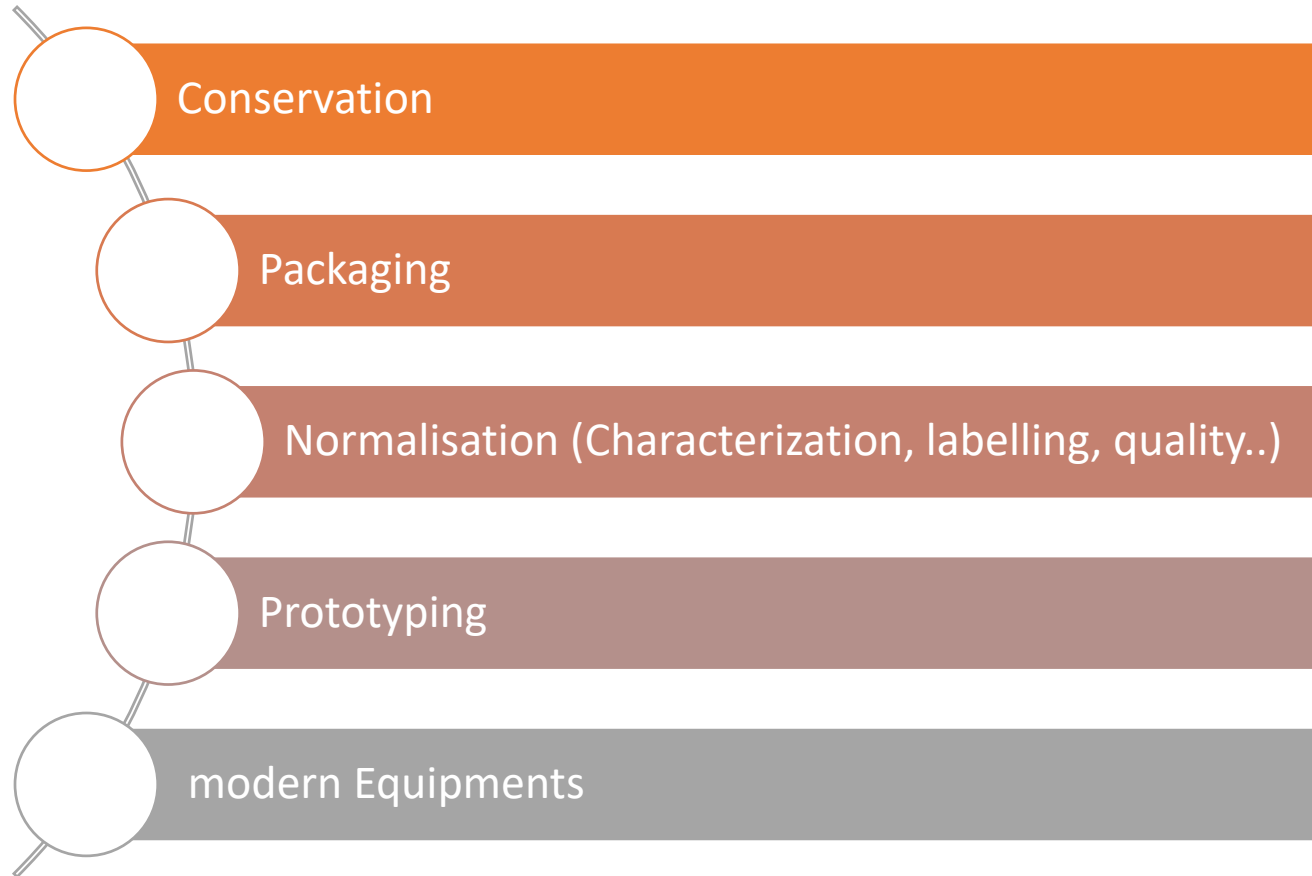


PRODUCTION CHALLENGES

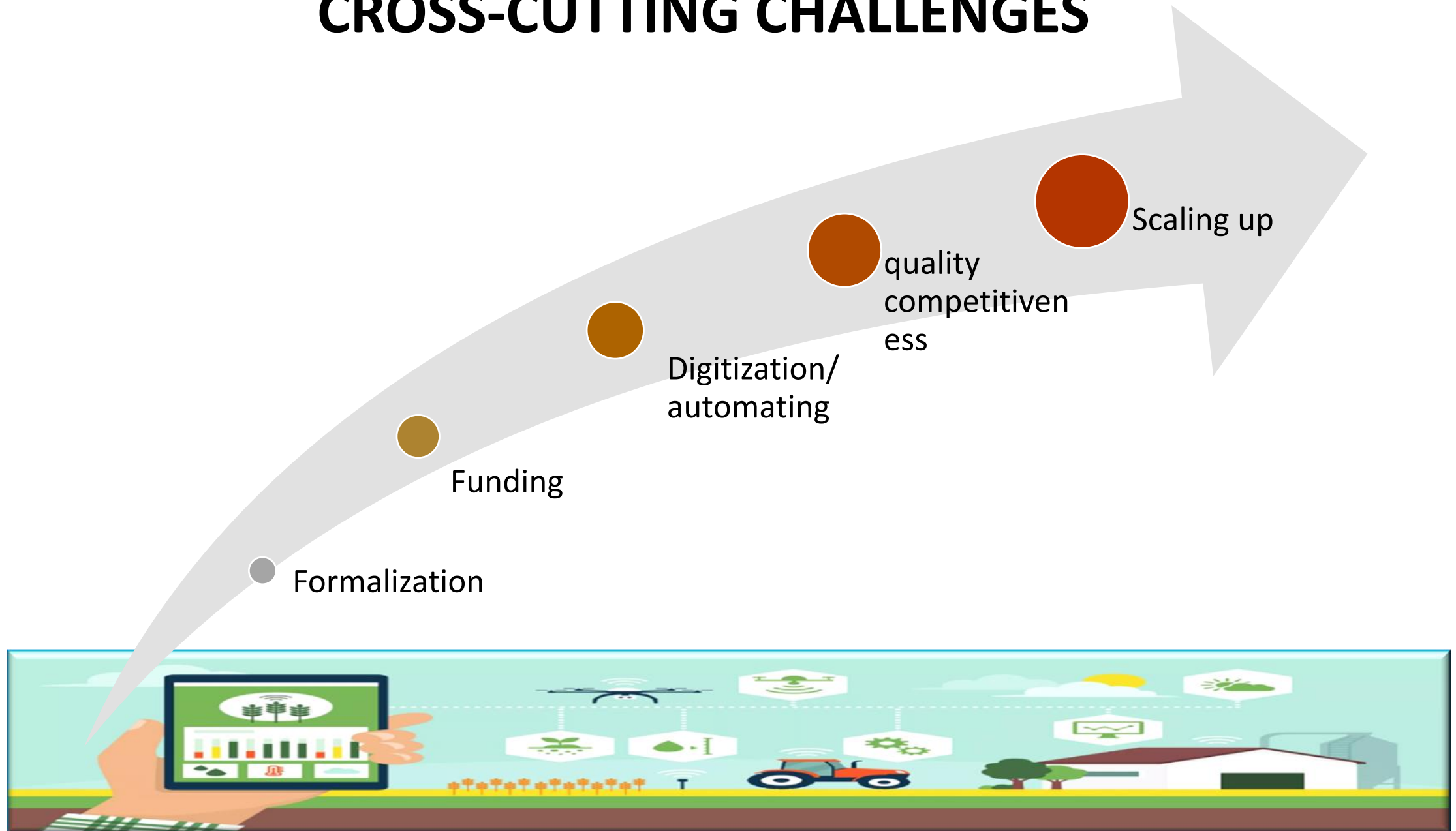
- Access to land
- Access to water and its optimization
- Access to quality inputs
- Access to new equipments
- Access to Technical knowledges of innovative farming practices and moderne agriculture



TRANSFORMATION CHALLENGES



CROSS-CUTTING CHALLENGES



TRAINING SECTORS AT USSEIN : A FAVORABLE OFFER FOR AGRICULTURAL ENTREPRENEURSHIP



Academic project contribution in human capacity building

- Cover **large sectors of the agricultural value chain**
- Standard system of LMD and bioengineering
- **Competency based approach** : Emphasis on **vocational degrees** (30 Bachelor and masters) of agriculture-related jobs,
- Promote the use of **scientific parks and incubators** in order to encourage self-employment
- A new university oriented towards **learning by doing and entrepreneurship**
- **Community service projects** are counted as training modules



- Hydraulics,
- rural engineering, machinery and renewable energies
- Remote sensing and climatology
- AgroTic •
- Organic and Eco Agriculture

Production

Transformation

- Nutrition and food
- Food science and Technology

- Management of fishery resources, fisheries and aquaculture
- Agrosilvopastoral and fisheries advice

Management



STRATEGIES AND INITIATIVES TO SUPPORT INNOVATIVE ENTREPRENEURSHIP



**Training and coaching Support
for research and
development hosting of Project**

**❖ FabLab
Living Lab/studios
Coworking spaces**



**Fundraising support
Sourcing of projects
Promotion of research
results through
entrepreneurship**

**Preincubation
Incubation
challenge
networking
Events**



ILLUSTRATIVE INITIATIVES

P2E2A DAYS

INNOVATION AWARDS

CLIMATHON

STUDENT'S COOPERATIVES

AGRINUM

automation of agricultural tasks with an on-board system (Rebot).

INNOV DIGITECH AGRO

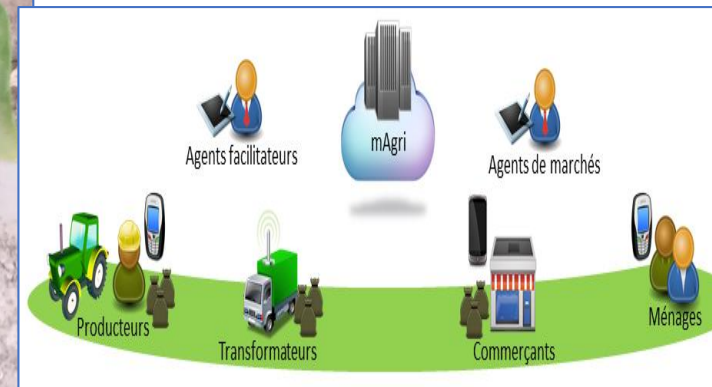
detection of plant diseases and decision support

SMART SERRE (GREENHOUSE9

- control of climatic parameters in the greenhouse

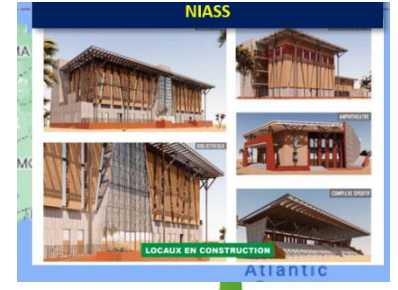
BISMILAH DELICE

biscuits made from local cereals

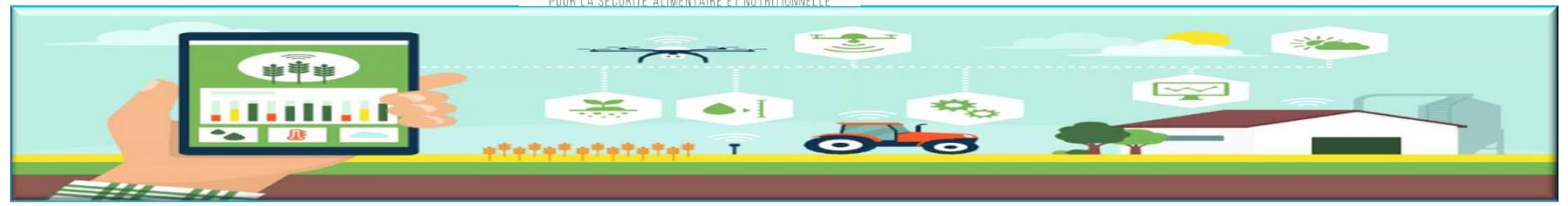


PARTNERSHIP DEVELOPMENT





DENTRE D'EXCELLENCE AFRICAINE EN AGRICULTURE POUR LA SÉCURITÉ ALIMENTAIRE ET NUTRITIONNELLE



**THANK YOU
FOR YOUR ATTENTION**

