

From Labs to Farms: Agronomic Research Outcomes Transfer

Martinique case study



Marie Chave¹, Harry Ozier-Lafontaine¹, Yolande Noël²

¹ INRA, UR ASTRO 1321, Domaine Duclos, F 97170 Petit-Bourg

² INRA, DPE, BP 35327, Domaine de la Motte, F 35653 Le Rheu



Martinique

Context



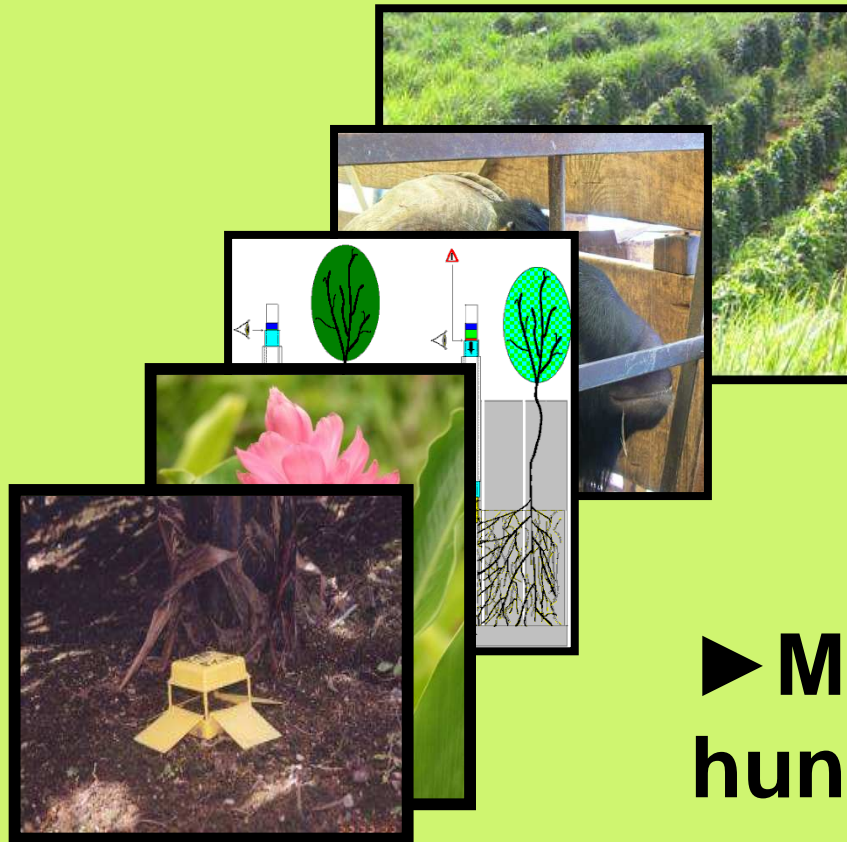
- 420 000 inhabitants
- Agriculture: 2nd economic sector
- Agronomic research outcomes are various and numerous but **undervalued**
- No specific transfer device

Methodology

- 1. To analyse the agronomic research outcomes vs. Martinique stakeholders claims**
- 2. To build together and implement transfer projects with professional partners**
- 3. To design a dedicated Information System with users**

- 1. To analyse the agronomic research outcomes vs. Martinique stakeholders claims**

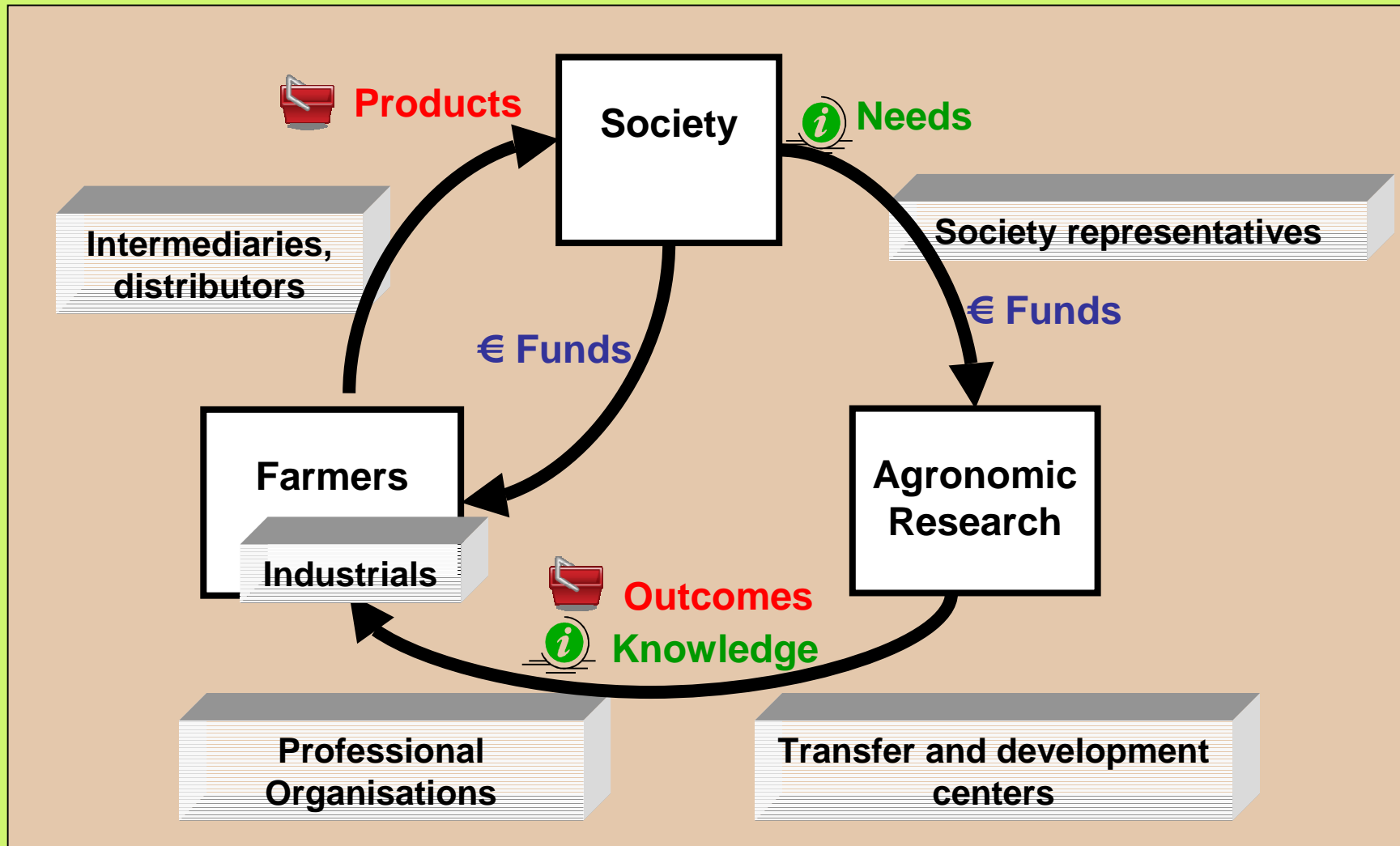
Agronomic research outcomes



► More than a hundred outcomes

Simplified Transfer Systemic Analysis

Information, Funds and Products Flows in innovation networks



Identification of types of transfer brakes

Institutional, Organizational...	Partners
Technical...	Products
Financial, Business...	Funds
Lack of documents...	Information
Sanitary, Regulatory ...	Environment

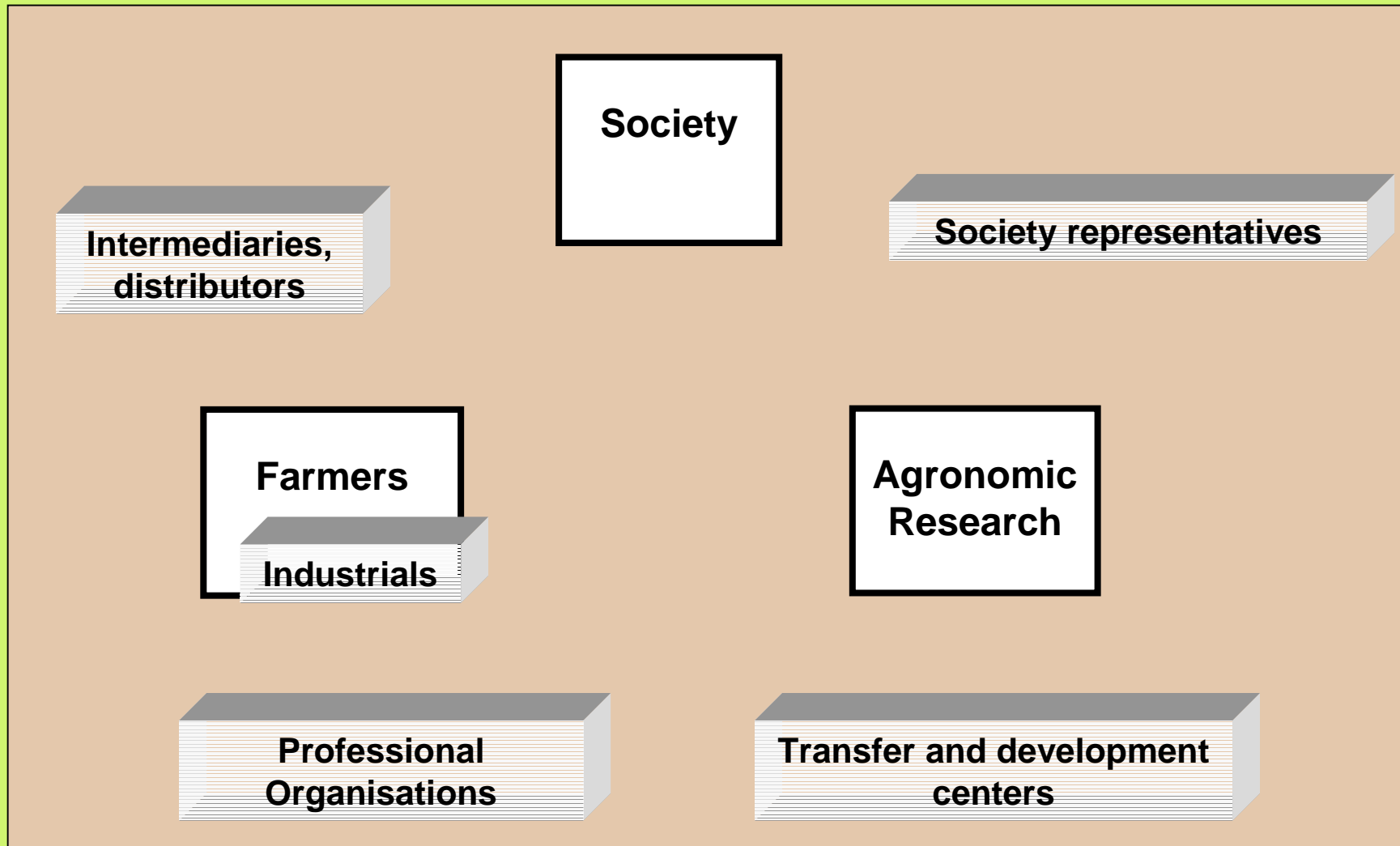


Martinique stakeholders claims



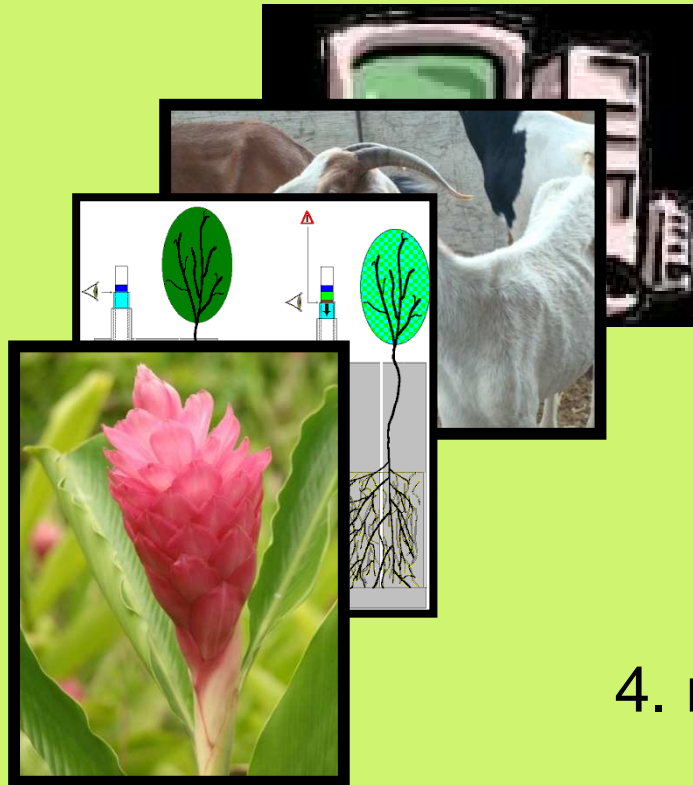
- Understanding of stakeholders' network:
- Identification of their needs and constraints

Simplified Transfer Systemic Analysis



2. To build together and implement transfer projects with professional partners

2. To build together and implement transfer projects with professional partners

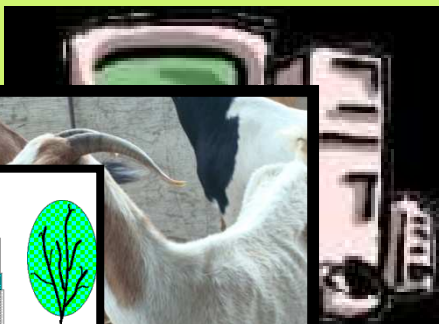
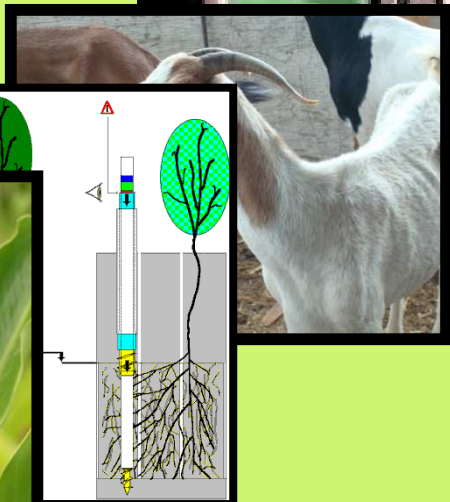


1. a decision support tool for banana producers

2. an animal breeding management technique

3. an irrigation tool





4. new varieties of the tropical flower *Alpinia purpurata*



Ability to transfer

	Challenges	Added-value	Risks
Partners 			
Products 			
Funds €			
Information 			
Environment 			

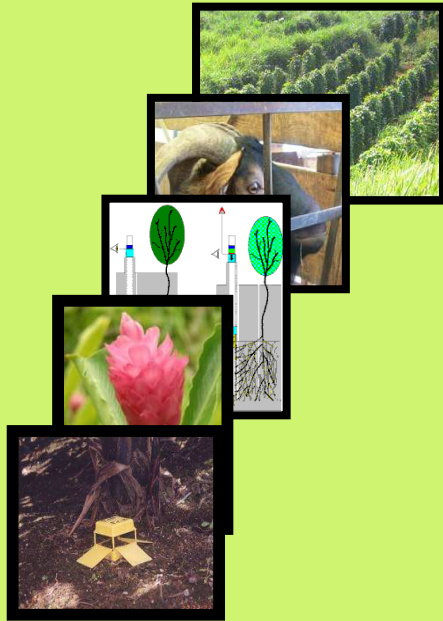
Ability to transfer

	Challenges	Added-value	Risks
Partners 	Establish transfer networks		
Products 		New techniques used by M % of farmers	
Funds €			High costs for implementing
Information 			
Environment 	Anticipate natural risks		uncontrolled dissemination

▶ The 'Ability to transfer' tables helped the Martinique Transfer Steering Committee to define priorities

i.e. the project 'Optimizing irrigation at the field level' (INRA-PRAM-General Council-Experimental Station on Irrigated Crops) was appraised as priority

3. To design a dedicated Information System with users



- **Various levels of access to adapt the provision of data to the diversity and specificity of application**
- **User committee : farmers, technical advisors, funders, institutional representatives, researchers**
- ▶ **Formalization of the data... under process**

Conclusion

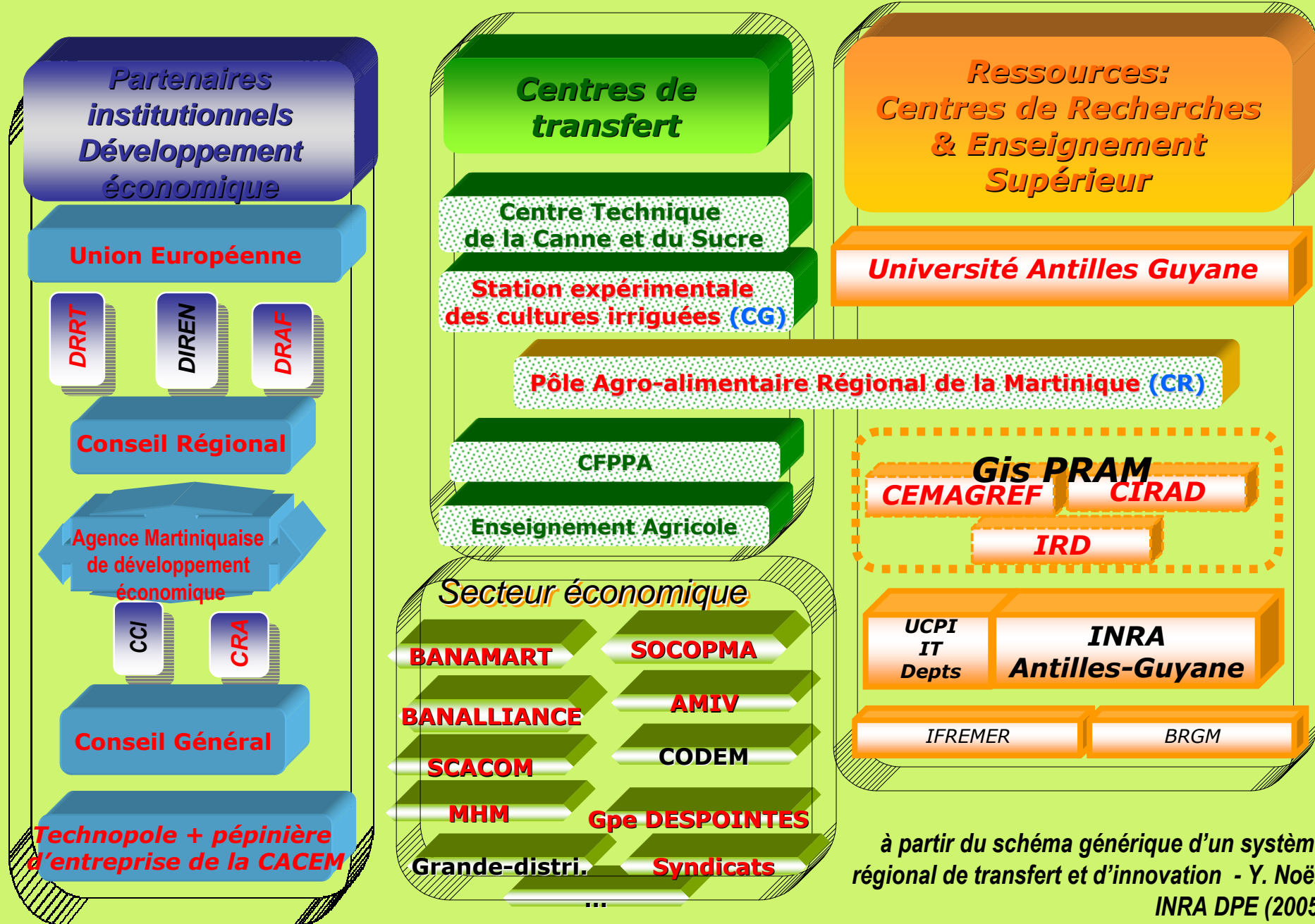
- As transfer is part of the Innovation process, it is long-term, complex, and in perpetual interaction with its environment
- Generic methods and tools are needed to initiate and foster actions
- The success depends on the mobilisation of all the partners of the innovation network



**Acknowledgements to all partners
From Martinique and Guadeloupe**

Thank you for your attention!

Martinique Stakeolders



à partir du schéma générique d'un système régional de transfert et d'innovation - Y. Noël, INRA DPE (2005)