





CONIAF

GOBIERNO DE LA REPÚBLICA DOMINICANA

AGRICULTURA

The CambioNet Initiative

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Context and issues

Toward a new 'One Health & Bioeconomic' paradigm

The CambioNet initiative

Conclusions & perspectives



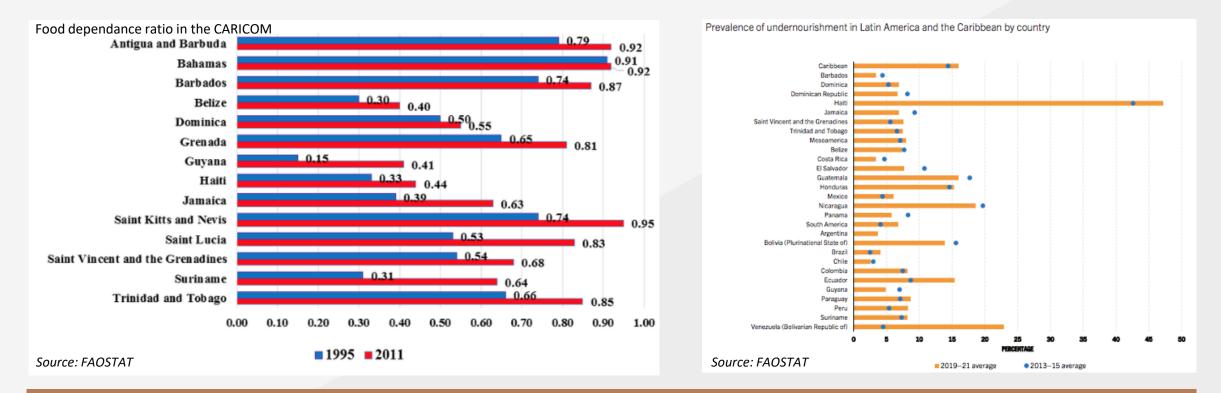


01 Context and issues

Triple crisis: health, climate, biodiversity, against a backdrop of geopolitical instability



Caribbean CAMBIONET State of Food Insecurity in the Caribbean



Every Caribbean SIDS has seen an increasing dependence on imports and for almost half of them more than 80% of the food consumed is imported

The prevalence of food insecurity is higher in Latin America and the Caribbean than the world average. In 2021, 40.6 percent of the region's population faced moderate or severe food insecurity, while 29.3 percent of the world's population was affected by moderate or severe food insecurity.



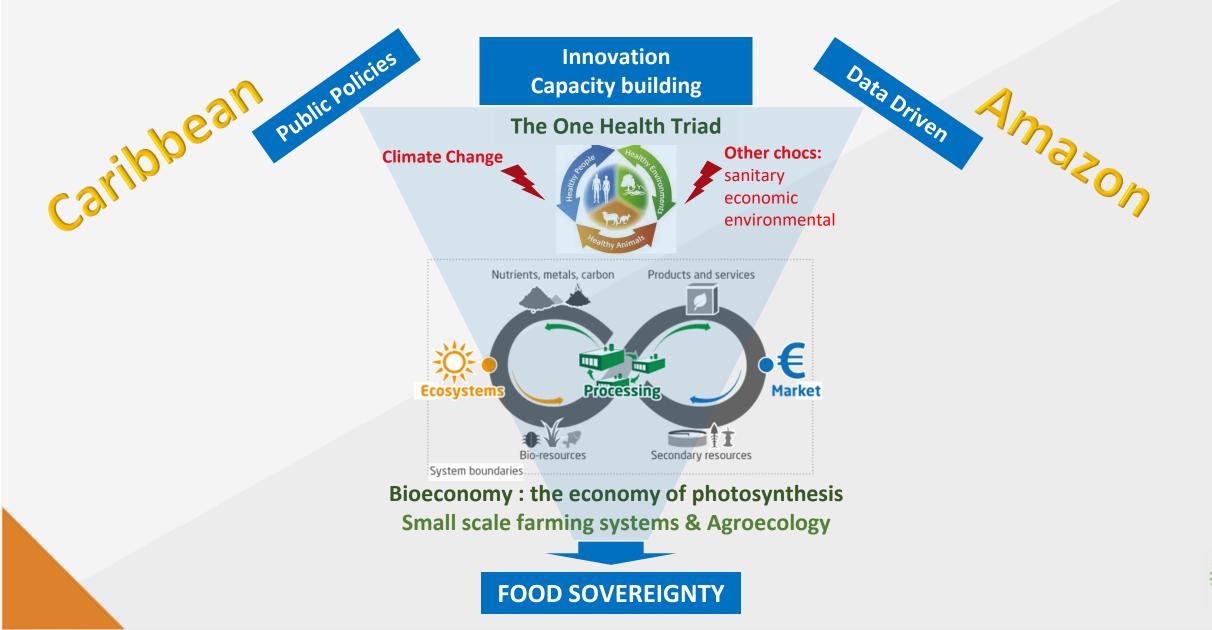
02 Toward a new 'One Health & Bioeconomic' paradigm to tackle the challenge of food sovereignty

The need for a change in vision and practices within a large scale approach





From One Health & Bioeconomy to Food Sovereignty





03 The CambioNet Initiative

Modernisation of Agricultural and Food Systems





CambioNet in a nutshell

The Caribbean and Amazonian Bioeconomic Network

CambioNet

The Caribbean and Amazonian Bioeconomic Network

Making regional cooperation a vehicle for the agroecological and bioeconomic transformation of Caribbean and Amazonian agricultures

Providing answers to the issues of food security, adaptation to climate change, agroecological and bioeconomic transitions.

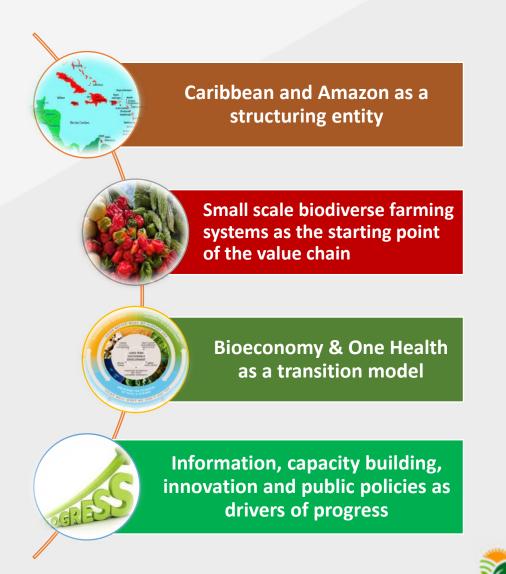
Small-scale food-producing and diversified farming systems at the heart of the process 4 WPs serving an innovation value chain by the deployment of strategic instruments for large-scale cooperation

Lead partner: INRAE Antilles-Guyane

- **Challenge:** Modernization of agricultural and food systems in the Greater Caribbean/Amazonia
- **10 countries:** Greater Antilles, Lesser Antilles, Guyana Shield
- 18 partners: Research & Higher Education, Research & Development, Consulting & Extension Budget : 6 M€ (FEDER + FED + UNDP)

4 Work Packages :

- WP1: Coordination and Steering
- WP2: Diagnosis & value creation
- WP3: Innovation systems
- WP4: Dissemination/Impact and public decision support





The CambioNet Innovation Chain



A knowledge pipeline serving innovation and progress





CambioNet highlights : Information System

Bioeconomy

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CambioNet Information system

The Caribbean and Amazonian Bioeconomic Network

CambioNet a service platform

The CambioNet project's information system is a response to the need to capitalise on the large body of existing knowledge on the transitions addressed: food, climate, agroecology, bioeconomy, in order to provide information that can be appropriated and exploited by the project's beneficiaries.

1- Collect information



2- Information storage

Image: Second second

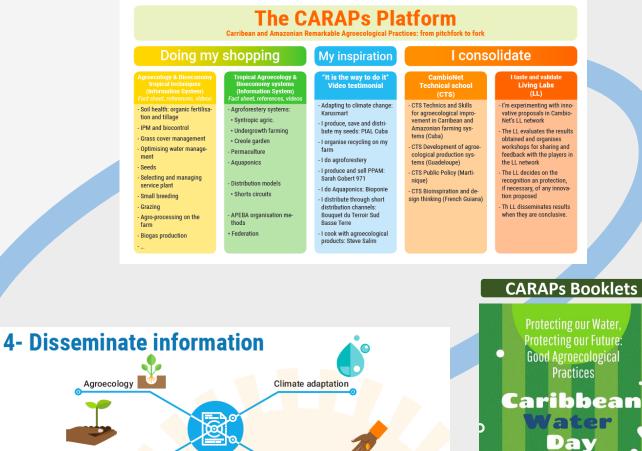
Characterization of the environment Inventories (starch and protein resources, potential of biodiversity resources, good agricultural practices, expectations, ... Dynamic visualization -Dynamic cartography and graphic presentation of data.

Dissemination-extension-advice data - Digital library - Research, popularization, technical sheets, e-learning, videos, ...

Institutional support and research networks portal Institutional and regulatory framework by country, key indicator of choice.

Project portal news & indicators - Presentation of the CambioNet project, country issues, information on WP activities, steering comittee reports, ...

3- Making the information usable



Public policies

Digital library

https://create.piktochart.com/beta/teams/31658603/saved/64495607



CAMBIONET CambioNet highlights : Innovation System

CambioNet Innovation system

CambioNet a service platform Strenghening small-scale agriculture by innovation assistance in the Caribbean / Amazonian Region

1. Initiating a Living Lab Networking at the Caribbean / Amazonian scale for a bioeconomical and agroecological development in the Region





sector

Participatory innovation for value creation: network set-up, training, varietal choices, climate-smart tech-

nical practices, integrated pest management, biostimulants & organic fertilizers, small-scale mechanization to reduce the use of phytotoxics, connected tools, decision-making tools for sustainability, agro-processing, market channels...



OneHealthCambionet youtu.be

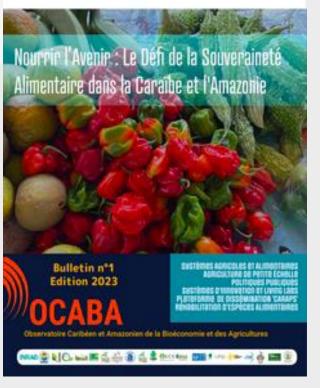




CAMBIONET CambioNet highlights : Observatory OCABA

Caribbean and Amazonian Observatory of Bioeconomy and Agriculture





https://drive.google.com/file/d/1jGukDiyPOCDBQFN46-v2-AOHWM3YGCai/view?usp=drivesdk



The Caribbean and Amazonian Bioeconomic Network

CambioNet

Supporting small-scale farming innovation What for?:

- strengthen knowledge, cooperation and coordination between players and regions in order to
- ▶ tackle common challenges in a comprehensive way
- promote harmonious and sustainable regional development

Targeting Public Policies in favor of One Health, Bioeconomy, and Food Sovereignty





04 Conclusion and perspectives

A strategy for impact and progress





From proof of concept to proof of operability

Lessons

Achievements

The need to work on consistent spatial and temporal scales

Breaking out of silo based science

Setting up tools and instruments for regional cooperation

Creation of the NGO CambioNet International

CambioNet+ (2025-2027)



C. Int. Rep. Dom

C. Int. Dominica

C. Int. Guyane

Consolidating and extending the existing system : scaling up, networking (Climate change, One Health,, Integrated farming, Public policies, ...)

Increase the services and business components for producers and institutions : Observatory, start ups, higher education, training, dissemination, Territorial action plans (RBE), ...

Contribute to the visibility and international attractiveness of the project area: Greater Caribbean as a hot spot on the international scene

Contribute to the implementation of the "regional integration" process with the OECS and CARICOM









"One Health and Regenerative Bioeconomy: For a Healthy and Sustainable Caribbean-Amazonia"

Thank you for your attention

