



**CambioNet: the bioeconomy for sustainable modernisation  
the agricultural, food and biomass sector in the Caribbean/Amazon Basin**

**CambioNet in 6 points**

## 1. CambioNet: an engine for bio-economic transition and agri-food and economic performance in the Caribbean/Amazon Region

### 10 pays

#### Insular Caribbean

- Guadeloupe
- Martinique
- OECO
- Haiti
- République Dominicaine
- Cuba
- Trinidad & Tobago
- Barbados

#### Guyana Plateau

- Guyane Française
- Suriname

### ZONE DE COOPERATION



**Budget: €7,9 Million**

**FEDER: €3.81 Million**

**FED: €2,1 Million**

**PNUD: €0,12 Million**

### 17 institutions, organisations

#### Universities

- Univ. Antilles, UWI, AdeKUS

#### R&D Institutions

- INRAE, IDIAF, INCA, CARDI, GDI, FREDON

#### Consultants

- Indessa Sasu

#### Organisations Internationales

- PNUD, OECs, CARIFORUM, CARICOM, FAO

#### Scientific Societies

- Caribbean Food Crops Society (CFCS)

#### NGO and Networks

- AACARI, Heifer International (Haïti), APECA/RECA, ARECA, ADAG

#### Civile Society

- Agricultural Chambers of Guadeloupe, Martinique

## 2 Shared challenges, exacerbated by the health crisis

- ✓ Food sovereignty: quantity, quality and diversity of fresh and processed food
- ✓ Valorisation of biomass for non-food purposes (life cycle): pharmaceuticals, cosmetics, energy, materials, etc.
- ✓ Agroecological transition (UN): getting out of the pesticide trap
- ✓ Climate transition (Green Deal): resilience of agricultural production units
- ✓ Bioeconomic transition: circular economies and agriculture/industry linkages
- ✓ Maintaining the rural fabric: jobs and territorial dynamics
- ✓ ...

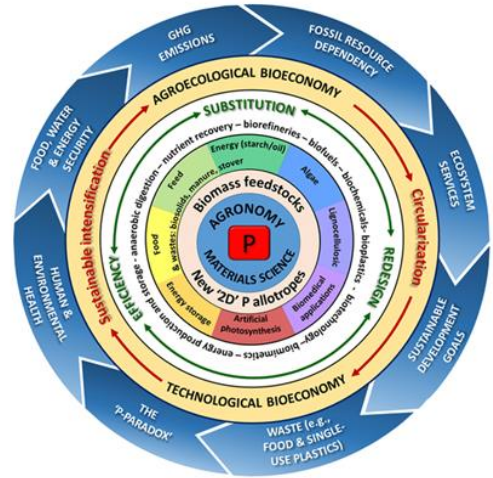
## 3. Small-scale biodiverse agriculture as a basis for modernising the agricultural and food sector

- ✓ The most represented (70-90%) but the most marginalised
- ✓ Agrodiversity base essential for :
  - The application of agroecological principles
  - Food sovereignty
  - Adapting to climate change: spreading the risk
- ✓ Maintaining and revitalising the rural fabric

#### 4. The bioeconomy as a new paradigm: what model(s) for the Caribbean/Amazonia?

Redrawing new links between agriculture and industrialisation (small-scale agro-processing and life chemistry)

- ✓ Food and non-food valuations
- ✓ Territory issues as a support for circular economies
- ✓ Digital challenges: robotics, technical assistance, management assistance, social networks, etc.



#### 5. Aims and objectives: building a force for small-scale biodiverse agriculture

- ✓ Inventory/Benchmark on expert knowledge with innovative potential:
  - High potential bioresources (protein and starch, but not only)
  - Agro-ecological farming practices and agro-processing; plant chemistry
  - Valorisation of co-products, circular economies
  - Diagnosis of the expectations of producers/processors, consumers and civil society: economic, technical, digital, etc.  
create a common base supported by an Information System
- ✓ Boosting the capacity for innovation on farms, in agri-processing workshops and in the territories  
Networks of strategically placed, oriented and connected Living Labs for the development of innovations  
Incubation of innovative ideas and creation of start-ups



To offer expertise and help in the constitution of sustainable public policies adapted to transitions  
Governance model based on the EGTC "European Grouping of Territorial Cooperation"

## 6. WPs, main tasks and deliverables

WPs	Tasks	Deliverables
WP1	Governance, project management	<ul style="list-style-type: none"> <li>- Impact and visibility</li> <li>- Compliance with deadlines and procedures</li> <li>- Animation and life of the project</li> <li>- CambioNet Portal</li> </ul>
WP2	Benchmark: diagnosis and inventory	Information system (Big Data) <ul style="list-style-type: none"> <li>- Diagnostic databases &amp; inventories on bio-resources of interest, agroecological practices, agro-processing, plant chemistry and circular economies, etc.</li> <li>- Mapping</li> <li>- Data sheets, videos, e-learning</li> <li>- ...</li> </ul>
WP3	Implementation and management of Living Labs Incubation of ideas	<ul style="list-style-type: none"> <li>- Co-constructed innovations high impact: agroecology, agro-processing, digital, ...</li> <li>- Building networks of farmers, agro-processors</li> <li>- Promotion of start-ups</li> </ul>
WP4	Marketing and dissemination Decision-making support	<ul style="list-style-type: none"> <li>- Regional workshops on good practice</li> <li>- Materials for mass dissemination (fact sheets, videos, etc.)</li> <li>- Institutional portal: pilot indicators on public policies; regulatory decision support for small-scale biodiverse agriculture</li> </ul>

### Contact Project coordinator :

Harry Ozier-Lafontaine

[harry.ozier-lafontaine@inrae.fr](mailto:harry.ozier-lafontaine@inrae.fr)

(+0590)690 39 82 83

Director of Research INRAE

**INRAE Antilles-Guyane Centre**

