### Session 2: Pathways to a caribbean bioeconomy: Innovative technologies for agro-processing and green chemistry

The biological diversity of terrestrial and aquatic environments of Caribbean countries and the products of their agriculture have always been very important to feed and care for people and animals.

However, lack of locally available technologies, high cost of processing and narrow local market hinder the development of the agro-industrial sector.

Local food agricultural production must however be further developed to reduce the damaging impacts of food import, carbon footprint and vulnerability of these regions (food safety, packaging waste production management, etc ...) and improve health and well-being.

In addition, resources from biodiversity, by their new nature, can help develop new markets, new and environmentally more friendly processing methods respectful for local ecosystems.

Proposed technological solutions must be sufficiently simple, autonomous and energy saving in order to be efficient in a rudimentary technological context.

The Caribbean region, with its 173 million inhabitants (~ 3% of the overall population), should take its place in the global lead to evolve toward sustainable systems.

We invite authors to submit communications or project summaries relating to technological progress and Caribbean specificities in food and non-food processing, which allow a local socio-economic development, aid in the fight against poverty and further secure the global supply of safe foods and well-being of people.

### Sub-themes
Topics cover new and innovative strategies that may be development issues for agroecological farming systems in the Caribbean:

- Innovating food, beverage and feed
- Bioactive compounds, natural products and wellbeing
- Environment, energy, biomass
- Technology, Value adding process, Simplified technology for the Caribbean area