CHALLENGES AND OPPORTUNITIES FOR THE AGRIFOOD SYSTEMS OF THE

EASTERN CARIBBEAN STATES

* Reading based on the indicators of the Observatory of Public Policies for Agrifood Systems (OPSAa)



Dr. Joaquín Arias Coordinator OPSAa-IICA

AGRICULTURAL CONTEXT

THE CHALLENGE OF SUSTAINABLE AGRICULTURAL PRODUCTION IN A CONTEXT OF ENVIRONMENTAL CHANGES

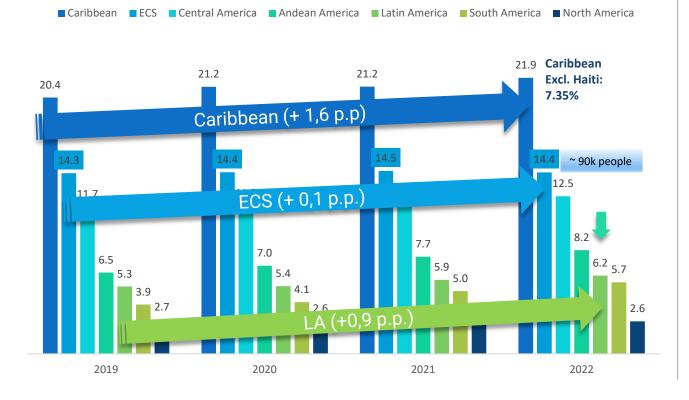
A perspective on agricultural production and agrifood trade

COUNTRY



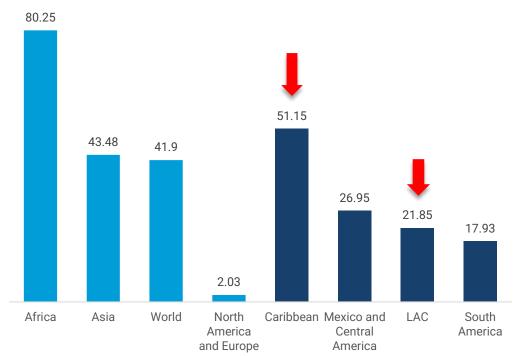
THE MULTI-CRISES

ARE PUSHING MORE PEOPLE INTO EXTREME POVERTY AND HUNGER



Population experiencing hunger (undernourishment, as a %)

Population without access to healthy foods (%)



FOOD INSECURITY

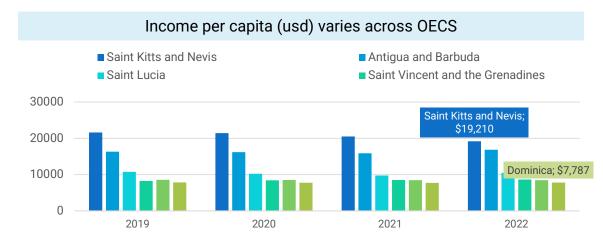
IICA's INDEX OF VULNERABILITY TO FOOD INSEGURITY (scale 0-100) Based on main sources of vulnerability



FOOD INSECURITY

ON THE NEED TO ADDRESS THE KEY CAUSES OF FOOD INSECURITY

We must recognize that the causes are external and extend beyond agri-food systems.

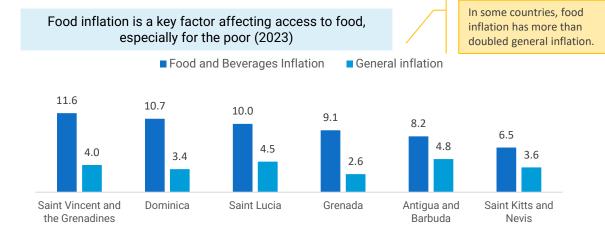


Annual income growth variation highlights economic Instability in OECS

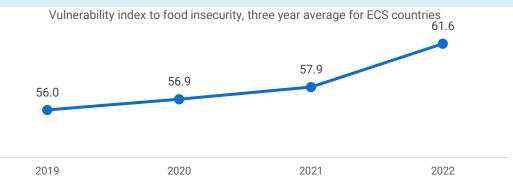


Income trends are mixed with varied food security impacts (% annual)

Dominica	Saint Vincent and the Grenadines	Grenada	Saint Lucia	Antigua and Barbuda	Saint Kitts and Nevis
-0.22	1.62	-0.44	-0.66	1.12	-3.85



Considering the key causes of food insecurity, vulnerability has increased in the OECS.

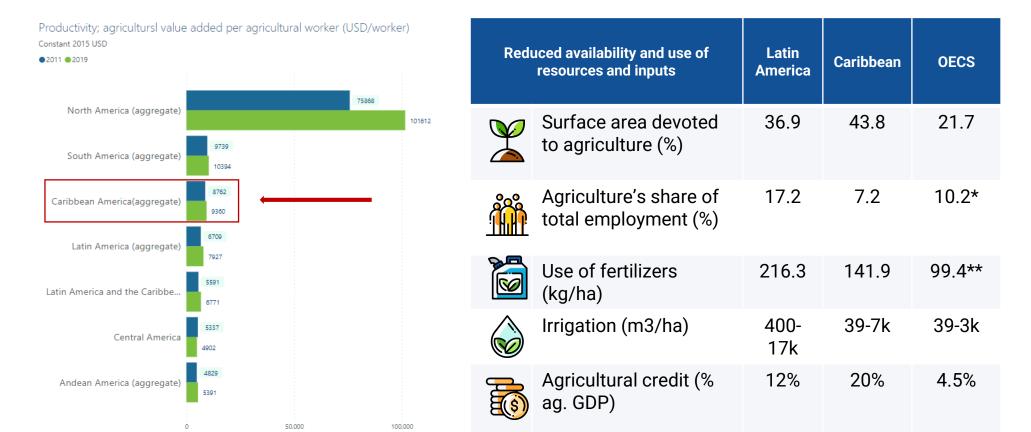


Source: OPSAa (IICA) based on data from FAO (2024) and World Bank (2023)

SUSTAINABLE AGRICULTURE

ON THE CHALLENGE OF SUSTAINABLE AGRICULTURAL PRODUCTION IN A CONTEXT OF ENVIRONMENTAL CHANGE

Increasing production and productivity based on limited resources and inputs



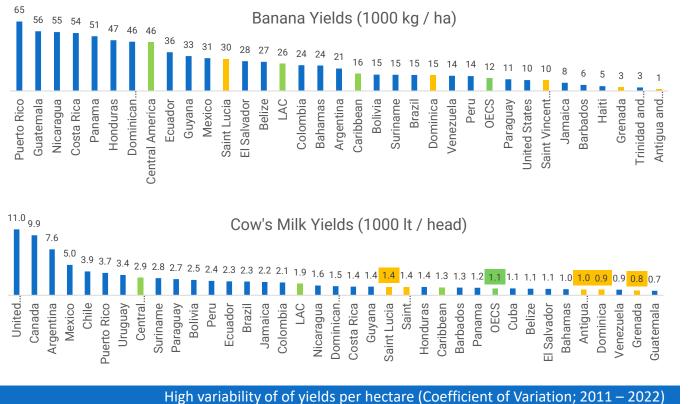
of soils in the Caribbean are highly or very highly degraded (UNEP, 2017)

Source: https://opsaa.iica.int/indicators; UNEP (2017) *Saint Kitts y Nevis and Saint Lucia **Antigua and Barbuda, Dominica, Grenada and Saint Lucia

SUSTAINABLE AGRICULTURE

ON THE CHALLENGE OF SUSTAINABLE AGRICULTURAL PRODUCTION IN A CONTEXT OF ENVIRONMENTAL CHANGE

Opportunities to close gaps in productivity



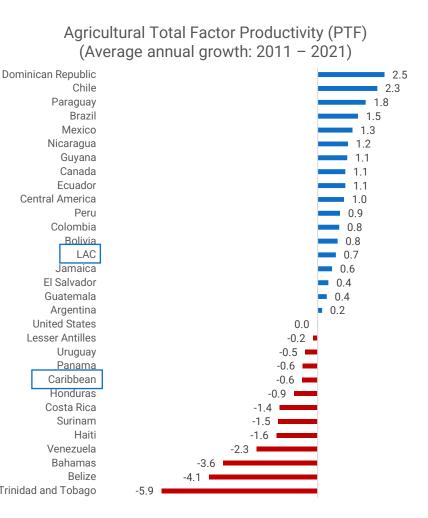
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Products

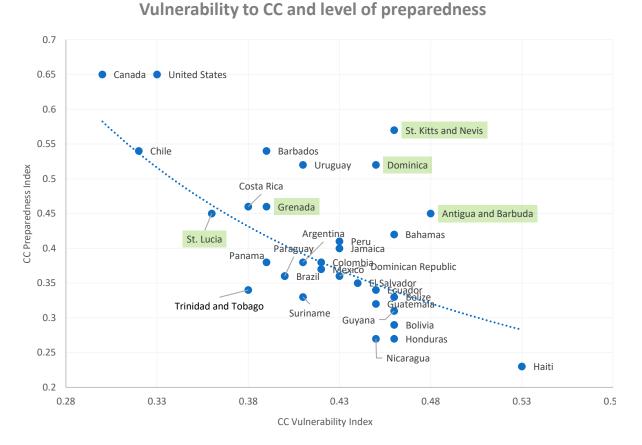
Banano

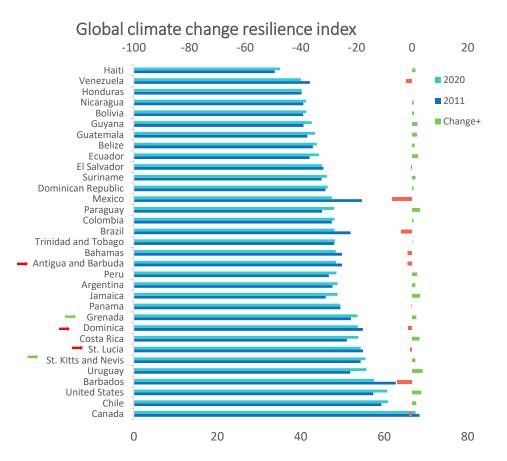
Cow milk



ON THE CHALLENGE OF SUSTAINABLE AGRICULTURAL PRODUCTION IN A CONTEXT OF ENVIRONMENTAL CHANGE

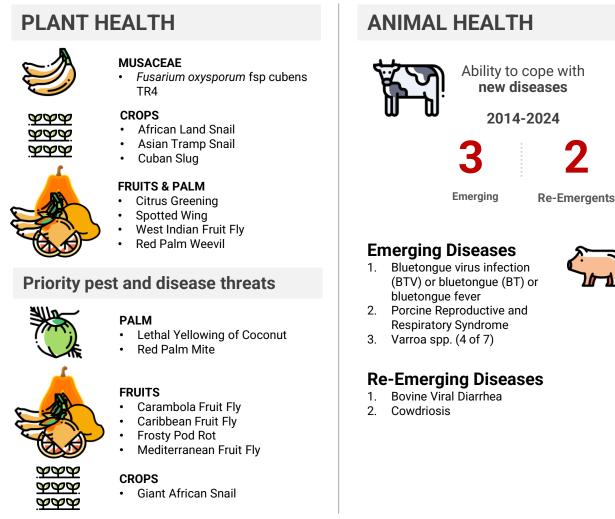
Improve resilience to climate change



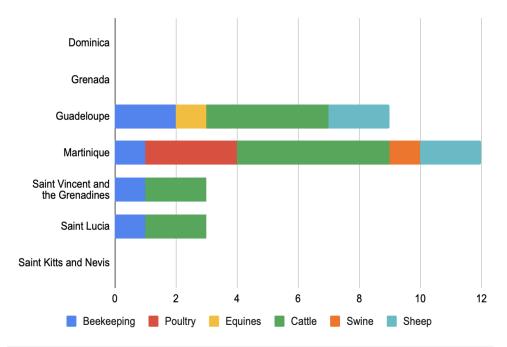


PESTS AND DISEASES

ON THE CHALLENGE OF SUSTAINABLE AGRICULTURAL PRODUCTION IN A CONTEXT OF ENVIRONMENTAL CHANGE Integrated management of pests and diseases and promote One Health approach



Diseases by type of domestic animals reported to WOAH by OECS (2014-2024)



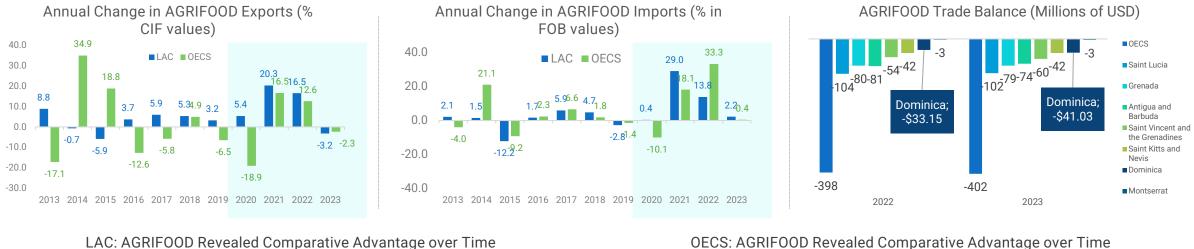
- Significant advances to **restrict infections** to particular areas from diagnosis
- Diagnostic capability (Molecular Biology) and official reporting.
- Diseases found in more than one type of animal (e.g., cattle and sheep).
- Phytosanitary surveillance of wild species that could function as hosts.

Source: OPSAa (IICA); data from Caribbean Plant Health Directors; World Organization for Animal Health, WAHIS (2014-2024).

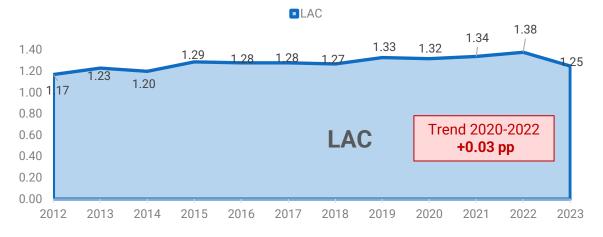
AGRIFOOD TRADE

ADVANCING TOWARDS A RULES-BASED TRADE SYSTEM IN AGRIFOOD

Focusing on empowering Sustainable Development through Agri-Food Trade



(exports - imports)



DECS: AGRIFOOD Revealed Comparative Advantage over Time (exports - imports)



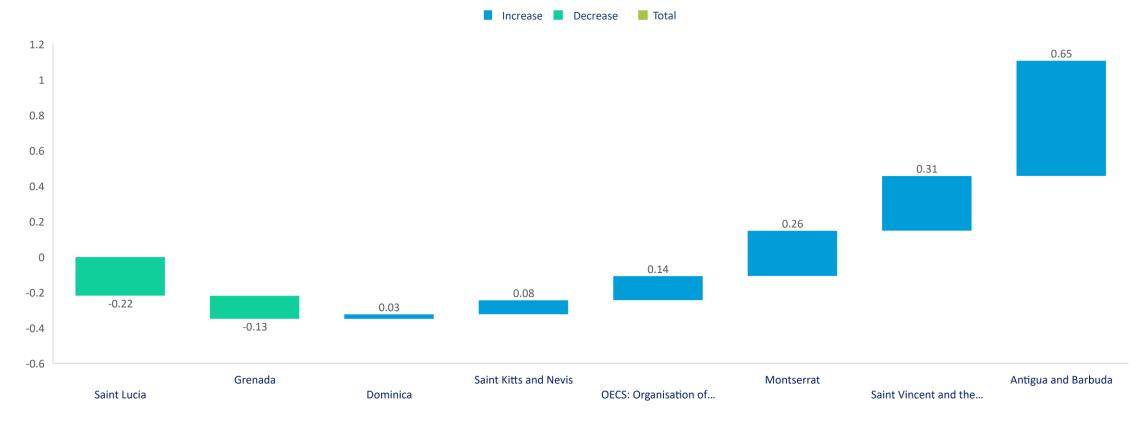
Source: OPSAa (IICA); data from TDM (2024).

AGRIFOOD TRADE

THE CRUCIAL ROLE OF ADVANCING A RULES-BASED TRADE SYSTEM

- Revealed Trade Competitiveness diverse across OECS

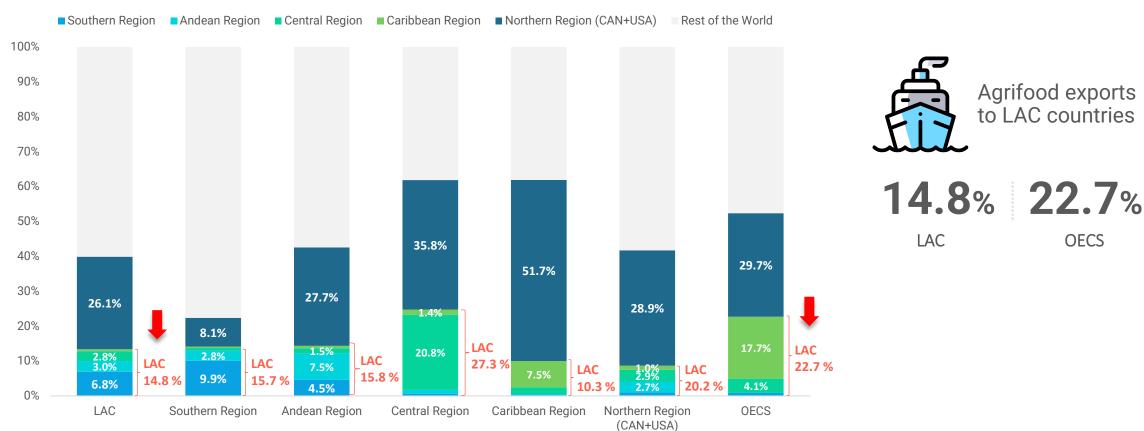




AGRIFOOD TRADE

ADVANCING TOWARDS A RULES-BASED TRADE SYSTEM

Promoting intraregional trade is a key mechanism to reduce the risk of shocks in third markets

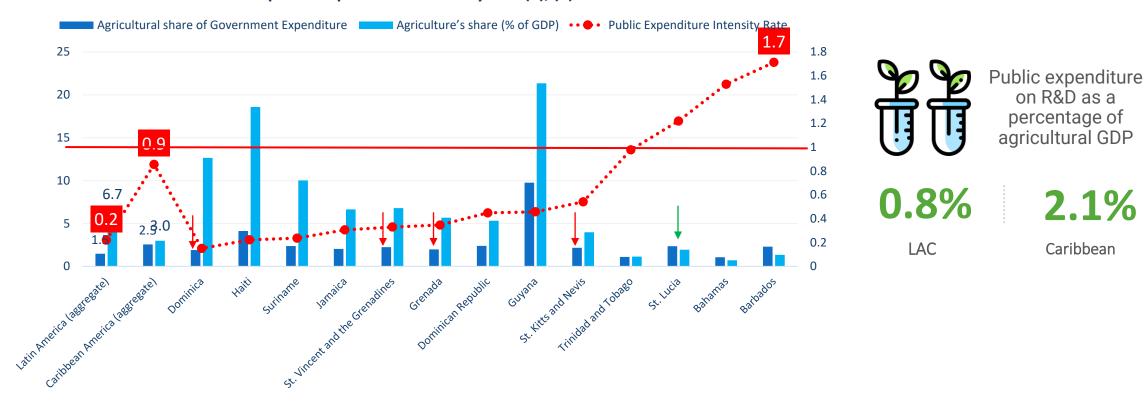


Destination of exports (CIF) in 2023

AGRICULTURAL POLICY CHALLENGES

TOWARDS GREATER EFFICIENCY IN PUBLIC EXPENDITURE ON AGRICULTURE Considering that public expenditure intensity rate is low across OECS

(1) Public expenditure (% total expenditure); (2) agriculture's share (% of GDP) and public expenditure intensity rate (1)/(2)



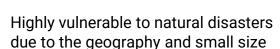
AGRICULTURAL POLICY CHALLENGES

AN OPPORTUNITY FOR REGIONAL COOPERATION



CHALLENGES

Slowdown in major tourism source countries



Recurrent threat of natural disasters

Vulnerability to international price fluctuations and supply chain disruptions

Scarcity of resources such as water and land





Price Volatility

OECS - REGIONAL POLICY RESPONSES

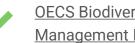


Regional Action Frameworks

Regional Environmental Monitoring Data Portal (REMDAP)



OECS Climate Change Adaptation Strategy and Action Plan 2021-2026



OECS Biodiversity and Ecosystems Management Framework 2020-2035



Regional Plan of Action for Agriculture

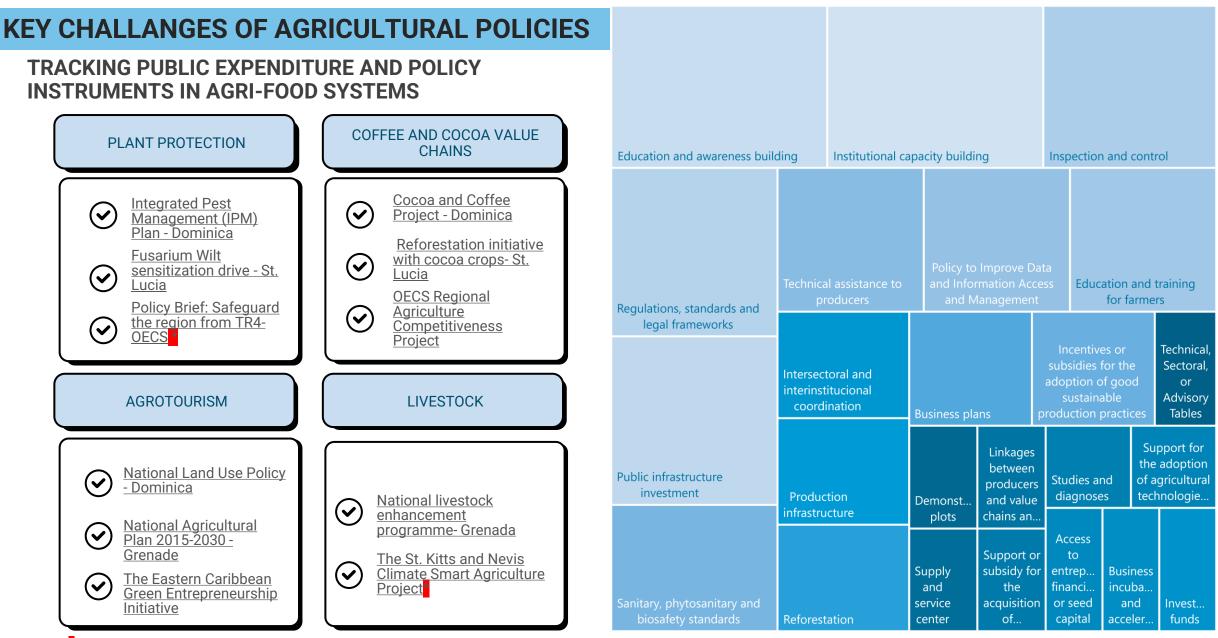


Regional Pest List Manual



Food and Agricultural Systems Transformation (FAST) Strategy*

Source: https://www.oecs.int/en/; https://opsaa.iica.int/ *Not published



Implemented in collaboration with IICA

Source: <u>https://opsaa.iica.int/resources</u> and <u>https://opsaa.iica.int/frames</u>



LOGIN

Observatory of Public Policies for Agrifood Systems

Transforming knowledge into evidence for a new generation of public policies that transform agrifood systems

JOIN THE OPSAA NETWORK

https://opsaa.iica.int/



Thank you!

- Joaquín Arias (Coordinador)
- Milagros Conislla
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- Ediner Fuentes
- Alejandra García
- Angie Montenegro