A Vision on Agriculture and Food Systems Transformation – Opportunities for LAC & Africa Cooperation

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https://sc-fss2021.org/
Change of World Views – LAC & Africa

Population size in 2050

Bildnachweis: © Worldmapper 2009

World Political Map Gall Peters Projection

Actual land size

Layered Adobe Illustrator / PDF / CorelDraw
The 2 big and **very diverse** hemispheres

<table>
<thead>
<tr>
<th>Region</th>
<th>Population</th>
<th>Farms</th>
<th>Agricultural, Forest, Fish</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAC</td>
<td>0.7 bill. People</td>
<td>20 mill. (more large)</td>
<td>320 bill.$</td>
</tr>
<tr>
<td>Africa</td>
<td>1.4 bill. People</td>
<td>50 mill. (more small)</td>
<td>340 bill.$</td>
</tr>
</tbody>
</table>

Look for learning between countries and the hemispheres
The multi-dimensional food crisis

1. **Covid19** disrupting food value chains,
2. **Food price** inflation – hunger and healthy diets unaffordable,
3. **High raw material and processing costs** constrain food industries and prevent investment
4. **Accumulated debts** cut social protection and nutrition programs,
5. **Wars** add to uncertainty and hinder **trade**,  
6. **Climate change** destroys food systems **resilience**, 
7. **Destruction of nature**, erosion of biodiversity and food security

Food System Transformation to What?

Vision:
the **Food System** needed in Africa, LAC and globally is productive, efficient, sustainable, resilient - serving peoples’ nutrition, inclusion, and protects ecologies – embedded in a circular bioeconomy.
Considering synergies and tradeoffs of actions

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*Background papers from LAC and Africa for UN FSS 2021 and more:*

J von Braun July 27, 2022
Action Areas in UN Secretary General Statement at UNFSS 2021

Action must be driven at country-level by governments in their local contexts.

Five action areas to help inform the transitions needed to realize the vision of the 2030 Agenda (SDGs):

(1) Nourish All People;
(2) Boost Nature-based Solutions;
(3) Advance Equitable Livelihoods, Decent Work and Empowered Communities;
(4) Build Resilience to Vulnerabilities, Shocks and Stresses;
(5) Accelerating the Means of Implementation
Africa-LAC Summit agenda: “A CLEAR understanding of the role that Africa and the Americas can play in shaping global food and environmental security in the future”

Principles of joint action:

1. Agenda Setting: set food policy agendas in the interest of the two regions and the world
2. Trade: jointly engage for fair and reliable global and regional food trade
3. Innovation: share and co-create science and innovations
4. Natural resource use: responsibly serving people and planet (climate – e.g. Amazon and Congo regions)
Climate policy agenda neglects food system

COP26 Glasgow Climate Pact
out of the total of 5121 words mentionss:

• Food (0)
• Land (0)
• Agriculture (0)
• Water (0)

Needs change in COP27
Africa – LAC Summit agenda: “COORDINATION of cooperation opportunities in the areas of science, technology and innovation, with a view to building resilient and sustainable food systems”

Africa and LAC jointly focus on these **innovations:**

1. A bundle of context specific policy and institutional **innovations to end hunger and increase availability and affordability of healthy diets** and nutritious foods
2. **De-risk food systems** and strengthen resilience, in particular **climate-resilient** food systems
3. Innovations for efficient and fair **land, credit, and labor arrangements**
4. **Bioscience innovations** for peoples’ health, systems’ **productivity**, and ecological wellbeing
5. Innovations for productive **soils, land, water, to protect the agricultural genetic base and biodiversity**
6. Innovations for sustainable **fisheries, aquaculture**, and protection of coastal areas and oceans
7. **Digital innovations** for efficiency and inclusiveness of food systems and rural communities

Africa – LAC Summit Agenda: “PEER-LEARNING on institutional and policy innovations required to drive the transformation of the agrifood sector”

1. Mobilize food system science at country levels

2. Mobilizing food system science at African and LAC regional levels

Both regions are diverse and will learn from each other

and AGRA & IICA can help connect 1. & 2. for an inclusive, networked Science-Policy Interface with Academies of Sciences, Universities, professional acad. orgs, CGIAR, NARS, indigenous knowledge, private sector, etc. toward platforms that co-create and share innovations. Spend 1% of GDP on Science.

Summary of Strategic Topics for Food Systems Transformation by Americas and Africa

1. Sustainably growing agricultural production
2. Climate resilience (land, soils, water, forests)
3. Healthy diets and food safety
4. Trade – reliable, open, rule based
5. Financing the transformation
6. Science and innovation – related to all the above