Transforming Food Systems in LAC through Innovation: Adapted, Sustainable, and Equitable Food Systems

LAC Climate Week
October 2023

Leida Mercado, Rolando Cerda, Muhammad Ibrahim
What does the transformation of food systems involve?

1. To ensure availability, access, and affordability to sufficient, nutritious, desirable, safe diets for everyone.

2. To produce food from sustainable and resilient food systems.

3. To promote fair and equitable livelihoods.

4. To benefit nature.

The Food Research Collaboration is an initiative of the Centre for Food Policy at City, University of London (2021).
Food Systems are complex, and so is their transformation!

Fanzo, J., et al., 2020
The transformation of food systems is urgent

- Almost 3.1 billion people could not afford a healthy diet in 2020
- In LAC 294 million people (46% of the population) suffer from one or more forms of malnutrition
- Sub-optimal diets are a major risk factor of death and disease

To meet Paris Climate goals, act across diverse food system levels is required.

Improved efficiency 40%
Increased yields 14% 48%
Plant-dominant diets 30%
Healthy amount of calories 27%
Food loss and waste halved 63%

Business-as-usual will exceed the 1.5° carbon budget & most of 2° budget

67% chance of staying below 1.5°C

Panel dynamic

- Video (2.5 min)
- Panelist 1. Muhammad Ibrahim (8 min)
- Panelist 2. Rolando Cerda (8 min)
- Commentator 1. Nora Paez Paraguay (5 min)
- Commentator 2. Ajani Alleyne (5 min)
- Panelist 3. Nadége Trocellier or Ramiro Salinas (10 min)
- Questions and answers (15 min)
GRACIAS