From Research to Resilience: Webinar series

CRFS and MUFPP Indicators in Quito, Ecuador

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From urban agriculture to food policy

Urban Agriculture Project AGRUPAR
- security and sovereignty,
- environmental management,
- employment and income improvement,
- social inclusion,
- sustainability and resilience

Cualitative leap

Green infrastructure in cities / Multifunctional NBS to face climate change
Evaluation and analysis of the Quito food system

City-Region Food Systems Evaluation Project

**Methodology**
- Tools
- Permanent technical support

**Production**
- DMG's production only reaches 5% of its requirements.
- High inequality in access to productive resources.
- The quality of work benefits is precarious.
- High use of agrochemicals.
- High underutilization of productive land.
- Low crop productivity.

**Food Processing**
- High territorial concentration and profit in few companies.
- 96% of the agri-food companies are located in the ring 1-2 but the raw material comes from the ring 3.
- Milling companies import up to 98% of their raw material.

**Distribution**
- Long chains of intermediation.
- 4 supermarket chains handle 90% of the retail distribution.
- 5%–20% of production is direct marketing.

**Food Procurement**
- 50% supermarkets.
- 21% neighborhood stores and minimarkets.
- 40% of the population uses a trusted lending figure.
- 20% of the population stops buying basic products for lack of money.

**Consumption**
- There is strong inequality and vulnerability in consumption.
- Homogenized pattern of consumption/unbalanced diet.
- Chronic child malnutrition: 29%.
- Overweight and obesity 63%.
- Consumption of meals outside the home: 72%.

**Post-Consumption**
- Untreated organic waste.
- 70 TON per week of food with possibility to be redistributed.
Multi-stakeholder Platform / Quito Food Strategy

Participatory process of analysis and contribution to the construction of Food Policy in Quito (2017 – 2018)

Preparation of a favorable context for effective action

Promote coordination between departments and sectors at the municipal and territorial level

GIS FOOD SYSTEM

25 maps
## The Milan Urban Food Policy Pact Monitoring Framework

**Axes of Action**

<table>
<thead>
<tr>
<th>Governance</th>
<th>Sustainable diets and nutrition</th>
<th>Food waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Presence of an active food policy and multi-stakeholder planning structure (e.g., food policy councils, food associations, food coalitions)</td>
<td>14. Number of activities directed or supported by the city to promote sustainable diets</td>
<td>42. Annual number of events and campaigns aimed at reducing food loss and waste. 44. Total annual volume of surplus food recovered and redistributed for direct human consumption</td>
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### Indicators MUFPP

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Type</th>
<th>Activity</th>
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<tbody>
<tr>
<td>42 Events</td>
<td>13.64%</td>
<td>Recycling 35.7%</td>
</tr>
<tr>
<td>18 Campaigns</td>
<td>22.72%</td>
<td>Reduction 23.8%</td>
</tr>
<tr>
<td>12 Studies</td>
<td>2.5%</td>
<td>Reuse 40.5%</td>
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<tr>
<td>8 Public Policy Proposals</td>
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**Initiatives to reduce food losses and waste**

- **Indicator 42**: "General process" and "political level" steps were identified
- **Indicator 14**: There are 17 initiatives implemented, related to the adoption of sustainable diets

| Indicator 42 | 221,707 kilograms of food rescued/year |

**Collaborators**

- Governance
- Sustainable diets and nutrition
- Food waste
Achievements

- Integrate them into plans, programs and projects.
- Flow of knowledge, information and communication for the food system of Quito
Next steps

Healthy food hubs: building sustainable and resilient agri-food systems in Lima and Quito (IDRC)

- Scale of proximity
- Actors and dynamics typical in the neighborhoods
- Improve understanding of the response of urban food systems
- Identify and suggest improvements in food response actions implemented
- Involve and support urban and peri-urban agricultural producers, consumers and municipal authorities
Thank you !!