MUFPP cities in action

Monitoring Framework: progress so far, Sept 2018

Guido Santini, FAO
Joy Carey, RUAF Foundation

With the technical support from
**Aim of the session**

- All cities are informed about the MUFPP indicator process and progress to date;
- We hear from some early stage piloting cities and potential use of the framework (Toronto, Ede, Antananarivo);
- All cities have an opportunity to share thoughts on the development of the indicator framework and the following steps over the next year;
Why an urban monitoring framework? Reminder...
Why working on an urban monitoring framework brings opportunities for cities?

- To facilitate the **design of policies** and initiatives by:
  - Creating an evidence base
  - Helping set priority areas
  - Defining target interventions
  - Monitoring progress made

- To mobilize **internal** and **external resources** for action

- To **communicate**, **share experiences** and lessons learnt
Which urban monitoring framework?
MUFPP urban food monitoring framework

- 6 workstreams (and number of indicators):
  - Governance (6); Food Production (9);
  - Supply & Distribution (7); Food Waste (4);
  - Social & Economic Equity (7);
  - Sustainable Diets (11).
- Outcome areas (desired change) for each workstream
- 37 voluntary actions recommended by MUFPP to achieve the outcomes
- Final 44 proposed indicators to measure progress
- NEW Detailed guidelines for how to use each of indicators
What has happened so far & who has been involved?
To recap: *What has been done so far? with who? (i)*

- **Oct. 2015**: Cities signed the MUFPP
- **Mar. 2016**: FAO – Milan joined forces
- **July-Sep. 2016**: 2 surveys sent to cities
- **Nov. 2015**: Some cities requested assistance to build an urban food monitoring process
- **Apr. 2016**: Expert consultation at FAO
- **Oct. 2016**: 2nd MUFPP gathering, at FAO
To recap: **What has been done so far? with who? (ii)**

- **Elaboration of a draft list of indicators**
  - Nov. 2016 – June 2017

- **1st webinar with a small group of cities**
  - 5th Oct. 2017

- **3rd MUFPP gathering, Valencia**
  - 19 Oct. 2017

- **Engagement of networks of local authorities**
  - Aug. 2017

- **Draft list of indicators shared with cities**
  - Oct. 2017
Where are we **now**?

- **Nov 2017**: 42 core indicators selected from longlist of 100
- **May 2018**: Methodological guidelines developed
- **5 Sept 2018**: 4th MUFPP gathering, Tel Aviv

- **Nov 17 – May 18**: Webinars to agree selected indicators and review guidelines
- **June 2018**: Guidelines publically available to cities
- **Oct 2018-Dec 2019??**: Technical support in piloting the framework
14 cities have been involved with the indicator framework over the past year

- Antananarivo;
- Austin;
- Copenhagen;
- Ede;
- Funchal;
- Ghent;
- Milan;
- Quito;
- Sao Paulo;
- Tirana;
- Toronto;
- Washington;
- West Sacramento;
- Windhoek
Criteria for selecting core indicators

• At least one indicator for each recommended action/outcome;

• Relevance and data availability;

• High relevance but no data;

• Methodological considerations (feasibility).
…. What are these ‘indicators’?
Types of indicators - building up a picture

**Quantitative** calculation resulting from data collection and analysis ($ \% 5$)

- Number ($\%$) of adults with type 2 diabetes
- Number of city-led or supported activities to promote sustainable diets (by type; by target audience)

**Qualitative** self-assessment of the existence and effectiveness of policies, plans, interventions, initiatives

- Presence of a food supply emergency/food resilience management plan
- Presence of a development plan to strengthen resilience and efficiency of local food supply chain logistics
- Existence of support services for the informal food sector
## Food waste - outcome areas and related indicators

<table>
<thead>
<tr>
<th>Food waste outcome areas</th>
<th>4 Indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food loss and waste reduced throughout food system</td>
<td>(Decrease in) Total annual volume of food losses &amp; waste</td>
</tr>
<tr>
<td></td>
<td>Annual number (by type) of events and campaigns aimed at decreasing food loss and waste</td>
</tr>
<tr>
<td>Policies and regulations developed and supported by broad range of stakeholders</td>
<td>Presence of policies or regulations that address food waste prevention, recovery and redistribution</td>
</tr>
<tr>
<td>Increase in volume of safe food recovered and redistributed</td>
<td>Total annual volume of surplus food recovered or redistributed for direct human consumption</td>
</tr>
</tbody>
</table>
**Example: Food waste indicator No. 1**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Total annual volume of food losses &amp; waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUFPP action</td>
<td>Convene food system actors to assess and monitor food loss and waste reduction at all stages of city region food supply system</td>
</tr>
<tr>
<td>Unit of measurement</td>
<td>Tonnes or kilograms of food waste</td>
</tr>
<tr>
<td>Unit of analysis</td>
<td>Weight of food entering municipal waste stream</td>
</tr>
<tr>
<td>Variables &amp; data needed</td>
<td>Food waste generated at the following stages: Production; Handling &amp; storage; Processing &amp; Packaging; Distribution and point of purchase; Household/consumption</td>
</tr>
<tr>
<td></td>
<td>- Types of food wasted</td>
</tr>
<tr>
<td></td>
<td>- Edible versus inedible food</td>
</tr>
<tr>
<td></td>
<td>- Destinations of food waste (landfill, composting, redistribution etc)</td>
</tr>
<tr>
<td>Additional guideline contents</td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--</td>
</tr>
<tr>
<td>Possible data sources</td>
<td>Rationale</td>
</tr>
<tr>
<td>Possible data collection methods</td>
<td>Definitions/glossary of terms</td>
</tr>
<tr>
<td>Expertise required</td>
<td>Suggested preparation</td>
</tr>
<tr>
<td>Resources required</td>
<td>Sampling approaches</td>
</tr>
<tr>
<td>Specific observations</td>
<td>Suggestions for data collection and analysis (other existing tools)</td>
</tr>
<tr>
<td>Examples of where similar work has been done</td>
<td>References/links</td>
</tr>
</tbody>
</table>
.... *What* might a collection of indicators look like?
Food waste reduction and management
- loss and waste is reduced (or re-used) throughout the food system

- **Reductions:** Annual volume food losses & waste
- **Awareness:** Number of annual events & campaigns
- **Support:** Presence of policies/regulations
- **Re-use:** Annual figure for surplus food re-distributed
Social and economic equity – decent jobs, community assets, policies, social inclusion, skills

- Number of formal food system jobs at or above national minimum/living wage
- Number of community-based food assets (community gardens, kitchens etc)
- Presence of food-related policies and targets with a specific focus on vulnerable groups
- % of food insecure households
- % of people supported by food/social assistance programmes
- % of under 18yr olds benefitting from school feeding programmes
- Number and types of opportunities for food-related learning and skill development
How to use the framework?

- Select your own indicators and build on ongoing data efforts where possible
- Relate indicators to policy targets
- Baseline and impact monitoring
- Build a common narrative among cities

Not aimed at comparing city performance among cities
What Next? MUFPP indicators
Phase 2
What Next? MUFPP indicators Phase 2

I. Identification of a number of *pilot cities* for phase 2

II. Define an approach to remotely *provide technical* support to pilot cities

III. Organize a series *Open Webinars* to support pilot cities and review progress

IV. Organize a *physical meeting (tentative)* for sharing experience on developing a localised plan
Open questions

- **Which cities** are interested in developing a localised framework monitoring plan in 2019?
- What possible steps in implementing the framework?
- What would be the most useful focus for the webinars and possible workshop?
- What further **technical assistance** is needed? What is the best way to support implementation?
Thank You for your attention and collaboration in this process!

guido.santini@fao.org
j.carey@ruaf.org