



## CITY REGION FOOD SYSTEM TOOLKIT

Assessing and planning resilient and sustainable city region food systems

### Example : Pilot cities' stakeholder maps

|   |   |
|---|---|
| <b>Brief description</b>  | This document has been adapted from the stakeholder map developed in Colombo. |
| <b>Expected outcome</b>   | A detailed map of the CRFS stakeholders                                       |
| <b>Expected output</b>  | Final stakeholder relation/network maps                                       |
| <b>Scale of application</b>   | Project level   |
| <b>Expertise required</b>   | Research and analysis, graphic design   |
| <b>Examples of application</b>  | Colombo, Rwanda   |
| <b>Year of development</b>  | 2021  |
| <b>Author(s)</b>  | Leo Keller  |
| <b>Relevant CRFS Handbook modules; related tools, examples and activities</b> | Define CRFS Tools   |

### Description

The project team in Colombo consulted selected CRFS stakeholders individually to collect their views regarding the current food system and their work on resilience (mandated activities and engagement in the CRFS in relation to climate shocks and stresses). The project team studied the formal linkages between the key CRFS stakeholders at different strata. In this case, the strong direct institutional linkages were only found within National level Ministerial entities and within provincial level entities whereas weak linkages were found between national and provincial set up. The strength of the city region food system was perceived as weak, without having a strong connectivity with the rural sector where majority of the agricultural producers thrive. The stakeholder mapping exercise allowed to develop the following comprehensive tables:

**Mapping of National Level Public Institutions based on their Mission Statements, Mandated Activities and Engagement in Colombo City Region Food Systems in relation to climate shocks**

|     |                    |    |                      |   |                 |  |                            |
|-----|--------------------|----|----------------------|---|-----------------|--|----------------------------|
| XXX | Strong Involvement | XX | Moderate involvement | X | Low involvement |  | No or indirect involvement |
|-----|--------------------|----|----------------------|---|-----------------|--|----------------------------|

| Ministry    | State Ministr (SM) | Department/ Institute | Resource providers | Agricultural/ Food production | Food processing & Storage | Food transport & distribution | Food marketing | Food safety | Food loss & waste | Food governance | Food Imports & Exports | Build Climate resilience in Food Systems | Awareness on climate & food systems |
|-------------|--------------------|-----------------------|--------------------|-------------------------------|---------------------------|-------------------------------|----------------|-------------|-------------------|-----------------|------------------------|--|-------------------------------------|
| Agriculture |                    | DOA                   | XXX                | XXX                           | X                         |                               |                | XX          |                   | XXX             | X                      | XXX                                      | XXX                                 |
|             |                    | AAIB                  | XX                 |                               |                           |                               |                |             |                   |                 |                        | XXX                                      | XX                                  |
|             | SM 1               | DAD                   | XXX                |                               |                           |                               |                |             |                   |                 |                        | XX                                       | X                                   |
|             |                    | PMB                   | XX                 |                               | XXX                       | X                             | XX             | X           |                   | XX              |                        |  |                                     |
|             |                    | HARTI                 | X                  |                               |                           |                               |                |             |                   | X               |                        |  | XX                                  |
|             |                    | SLCARP                | X                  |                               |                           |                               |                |             |                   | X               |                        |  | XX                                  |
|             |                    | NIPHM                 | XX                 |                               | XX                        |                               |                | XX          | X                 | X               |                        | XX                                       | X                                   |
|             |                    | DEC                   | X                  |                               |                           | XXX                           | XXX            |             | XXX               |                 |                        | X  |                                     |
|             |                    |                       |                    |                               |                           |                               |                |             |                   |                 |                        |  |                                     |
|             | SM 2               | NFS                   | XX                 |                               |                           |                               |                | X           |                   |                 |                        |  |                                     |
|             |                    | CFC                   | XX                 | X                             |                           |                               |                | X           |                   |                 |                        |  |                                     |
|             |                    | CCFC                  | XX                 | X                             |                           |                               |                | X           |                   |                 |                        |  |                                     |
|             |                    | NFPB                  | X                  |                               |                           |                               |                | XX          |                   | X               |                        |  | X                                   |
|             | SM 3               | DAPH                  | XXX                | XXX                           |                           |                               |                | X           |                   | XXX             | X                      | XX                                       | XX                                  |
|             |                    | NLDB                  | XX                 | XXX                           | XXX                       | XX                            | XX             | X           |                   |                 |                        | X  | X                                   |
|             |                    | MILCO                 | XXX                |                               | XXX                       | XXX                           | XXX            | XXX         | XX                |                 |                        |  | X                                   |
|             |                    | MLEL                  | XX                 | XX                            | XX                        | XX                            | XX             | X           | X                 |                 |                        | XX                                       | X                                   |
|             | SM 4               | NADA                  |                    | X                             | X                         |                               | XX             | X           | X                 | X               |                        |  |                                     |
| Fisheries   |                    | DFAR                  | X                  |                               |                           |                               |                |             |                   | XXX             |                        |  |                                     |
|             | SM 1               | SLFC                  | X                  |                               | X                         | XXX                           | XXX            | X           | X                 | X               |                        |  |                                     |
|             |                    | NAQDA                 | XXX                | XX                            |                           |                               |                | X           | X                 | X               |                        |  |                                     |
|             |                    | NARA                  | X                  | X                             | X                         |                               |                | X           |                   |                 |                        | X  | X                                   |
|             |                    | CFHC                  | XXX                | XX                            |                           |                               |                | X           | X                 |                 |                        |  |                                     |
| Plantations | SM 1               | CCB                   | XXX                | XXX                           | X                         |                               | X              | X           | X                 |                 |                        |  |                                     |
|             |                    | CRI                   | XXX                | X                             |                           |                               |                | X           |                   |                 |                        | XX                                       | XX                                  |
|             |                    | CDA                   | XX                 |                               |                           |                               |                |             |                   | XXX             |                        |  |                                     |
|             | SM 2               | DEA                   | XXX                | XX                            | XX                        |                               | X              | XX          |                   | XXX             | X                      | XX                                       | X                                   |
|             |                    | SRI                   | XXX                | X                             | XX                        |                               |                | XX          | XX                | XX              |                        | X  |                                     |
|             |                    | SLCC                  | XXX                | XXX                           | XX                        |                               | XX             | X           | XX                |                 | X                      |  |                                     |
|             |                    | SAPMB                 | X                  |                               | X                         |                               | XX             |             |                   |                 | X                      |  |                                     |

[illegible]

| Ministry                   | State Ministry (SM) | Department/Institute | Resource providers | Agricultural/ Food production | Food processing & Storage | Food transport & distribution | Food marketing | Food safety | Food loss & waste | Food governance | Food Imports & Exports | Build Climate resilience in Food Systems | Awareness on climate & food systems |
|----------------------------|---------------------|----------------------|--------------------|-------------------------------|---------------------------|-------------------------------|----------------|-------------|-------------------|-----------------|------------------------|--|-------------------------------------|
| Wildlife & Forest Conserv. | SM 1                | DFC                  | X                  |                               |                           |                               |                |             |                   |                 |                        | XX                                       |                                     |
| Urban Devpt. & Housing     | SM 1                | NPPD                 | XXX                |                               |                           |                               | X              |             |                   | X               |                        |  |                                     |
|                            |                     | HDL                  | X                  |                               | X                         |                               | XX             | X           | X                 |                 | X                      |  |                                     |
|                            |                     | UDA                  | XX                 |                               |                           |                               | X              |             | XX                | X               |                        |  |                                     |
|                            |                     | USDA                 | X                  | X                             |                           |                               | X              |             | X                 |                 |                        |  |                                     |
|                            |                     | DCCCZM               | X                  | X                             |                           |                               | X              |             |                   |                 |                        |  |                                     |
| Finance                    |                     | GT                   | XXX                |                               |                           |                               |                |             |                   | XX              |                        |  |                                     |
|                            |                     | DNP                  | XX                 |                               |                           |                               |                |             |                   | XX              |                        |  |                                     |
|                            |                     | IPS                  | XX                 |                               |                           |                               |                |             |                   | X               |                        | X  | XX                                  |
|                            |                     | SB                   | XX                 |                               |                           |                               |                |             |                   |                 |                        | XX                                       |                                     |
|                            |                     | SLC                  | XX                 |                               |                           |                               |                |             |                   |                 | XXX                    |  |                                     |
| Ports and Shipping         |                     | SLPA                 | XX                 |                               |                           |                               |                |             |                   |                 |                        |  |                                     |
|                            |                     | CSC                  | XX                 |                               |                           |                               |                |             |                   |                 |                        |  |                                     |
| Industries                 |                     | LPCL                 | X                  | X                             |                           |                               |                | X           |                   |                 |                        |  |                                     |
| Prisons                    | SM 1                | DOP                  |                    |                               |                           |                               |                |             | XXX               |                 |                        |  |                                     |
| Presidential Secretariat   |                     | CPC                  | X                  |                               |                           |                               |                |             | XXX               |                 |                        |  |                                     |
|                            |                     | SLSI                 | X                  |                               |                           |                               |                | XXX         |                   | XX              |                        |  |                                     |
|                            |                     | TERPA                | X                  |                               |                           |                               | X              |             |                   | XXX             | XXX                    |  |                                     |

SM = State Ministry under a respective Ministry; \* See below for the acronyms

**Mapping of Regional Organizations based on their Vision and Mission Statements and Engagement in  
Colombo City Region Food Systems in relation to climate shocks**

|     |                    |    |                      |   |                 |  |                            |
|-----|--------------------|----|----------------------|---|-----------------|--|----------------------------|
| XXX | Strong Involvement | XX | Moderate involvement | X | Low involvement |  | No or indirect involvement |
|-----|--------------------|----|----------------------|---|-----------------|--|----------------------------|

| National.<br>Provincial/Local<br>Entity   | Departments/ Institute<br>(provincial, district or local) | Resource<br>providers | Agricultural/<br>Food<br>production | Food<br>processing &<br>Storage | Food<br>transport &<br>distribution | Food<br>marketing | Food<br>safety | Food los.<br>& waste | Food<br>imports &<br>Exports | Food<br>Governance | Climate<br>resilience in<br>Food Systems | Awareness on<br>climate &<br>food systems |
|---|---|-----------------------|-------------------------------------|---------------------------------|-------------------------------------|-------------------|----------------|----------------------|------------------------------|--------------------|--|---|
| State Ministry of<br>National Security,<br>Home Affairs and<br>Disaster<br>Management   | District Secretariat<br>(Agriculture Division)            | XXX                   |                                     |                                 |                                     |                   |                |                      |                              |                    |  |   |
| Western Province<br>Ministry of<br>Agriculture, Lands,<br>Irrigation,<br>Fisheries, Animal<br>Production &<br>Health, and<br>Agrarian<br>Development                      | Agriculture   | XXX                   | XXX                                 |                                 |                                     |                   |                |                      |                              | X                  | X  |   |
|   | Animal Production &<br>Health                             | XXX                   | XXX                                 |                                 |                                     |                   | X              |                      |                              | X                  | X  |   |
|   | Land Commissioner's<br>Department                         | XXX                   |                                     |                                 |                                     |                   |                |                      |                              |                    |  |   |
|   | Irrigation  | XXX                   |                                     |                                 |                                     |                   |                |                      |                              |                    |  |   |
| Western Province<br>Ministry of Local<br>Government,<br>Economic<br>Promotion, Power<br>& Energy,<br>Environmental<br>Affairs, Water<br>Supply & Drainage,<br>and Tourism | Agro-services Authority                                   | XXX                   | X                                   |                                 |                                     | X                 |                |                      |                              |                    | XX                                       | XX  |
|   | Waste Management<br>Authority                             | XXX                   |                                     |                                 |                                     |                   |                | XXX                  |                              |                    |  |   |
| Colombo Municipal<br>Council  | Economic Development<br>Bureau                            | XXX                   |                                     |                                 |                                     | X                 |                |                      |                              |                    | X  |   |
|   | Public Health Department                                  | XXX                   |                                     |                                 |                                     |                   | XXX            |                      |                              | XX                 |  |   |
|   | Health Curative<br>Department                             | XXX                   |                                     |                                 |                                     |                   | XXX            |                      |                              |                    |  |   |
|   | Municipal Veterinary<br>Department                        | XXX                   |                                     |                                 |                                     |                   | XXX            |                      |                              |                    |  |   |

| National.<br>Provincial/Local<br>Entity | Departments/ Institute<br>(provincial, district or local)  | Resource<br>providers | Agricultural/<br>Food<br>production | Food<br>processing &<br>Storage | Food<br>transport &<br>distribution | Food<br>marketing | Food<br>safety | Food loss<br>& waste | Food<br>imports &<br>Exports | Food<br>Governance | Climate<br>resilience in<br>Food Systems | Awareness on<br>climate &<br>food systems |
|---|--|-----------------------|-------------------------------------|---------------------------------|-------------------------------------|-------------------|----------------|----------------------|------------------------------|--------------------|--|---|
|   | Engineering services<br>Department – Land and<br>Environmental<br>Development, and Solid<br>Waste Management | XXX                   |                                     |                                 |                                     |                   |                | XXX                  |                              | XX                 |  |   |

**Mapping of Private Sector and Non-Governmental Organizations based on their Engagement in  
Colombo City Region Food Systems in relation to climate shocks**

|     |                    |    |                      |   |                 |  |                            |
|-----|--------------------|----|----------------------|---|-----------------|--|----------------------------|
| XXX | Strong Involvement | XX | Moderate involvement | X | Low involvement |  | No or indirect involvement |
|-----|--------------------|----|----------------------|---|-----------------|--|----------------------------|

| Agencies/Associations/Organizations   | Resource providers | Agricultural/<br>Food production | Food processing &<br>Storage | Food transport &<br>distribution | Food marketing | Food safety | Food loss &<br>waste | Food Imports &<br>Exports | Climate resilience in<br>Food Systems | Awareness on<br>climate & food systems |
|---|--------------------|----------------------------------|------------------------------|----------------------------------|----------------|-------------|----------------------|---------------------------|---------------------------------------|--|
| CropLife Sri Lanka (29 Private Sector organizations)  | XXX                | XX                               |                              |                                  |                | X           |                      |                           | X                                     |  |
| Fertilizer Importers (15 Private Sector Organizations)  | XXX                | XX                               |                              |                                  |                | X           |                      |                           | X                                     |  |
| Seed importers (food crops; >100 agencies)  | XXX                | XX                               |                              |                                  |                |             |                      |                           | X                                     |  |
| Agri Machinery Suppliers  | XXX                | XX                               | X                            |                                  |                |             |                      |                           |                                       |  |
| Input dealers and retail outlets  | XXX                | XX                               |                              |                                  |                | X           |                      |                           |                                       |  |
| Agri Business Ventures (e.g CIC Agri Business Pvt Ltd., Hayleys Agriculture PLC, Saraketha P Ltd., , etc.)  | XXX                | XXX                              | XXX                          | XX                               | XX             | XX          | X                    | XXX                       | XX                                    | X                                      |
| Producer Associations (Protected Agriculture Entrepreneurs Association, All Island Poultry Association, All Island Dairy Association, Lank Fruits and Vegetable Producers, Processors and exporters Association – LFVPPE, etc.) | XXX                | XXX                              | XXX                          | XX                               | XX             | XX          | X                    | XXX                       | XX                                    |  |
| Collectors  | XXX                |                                  | X                            | XXX                              |                |             | X                    |                           |                                       |  |
| Millers   | XX                 |                                  | XXX                          | XX                               | X              | XX          | XX                   | X                         |                                       |  |
| Food Processor Associations and Bakers (including Canned Product and Beverage producers)  | XXX                |                                  | XXX                          | XXX                              | XXX            | XXX         | XX                   | X                         |                                       |  |
| Logistic Service Providers (e.g. transport)   | XXX                |                                  | X                            | XXX                              | XX             | X           | X                    |                           |                                       |  |
| Whole sellers   | XXX                |                                  |                              | X                                | XXX            | X           | XX                   |                           |                                       |  |
| Super Market Chains (Cargills, Keells, Laugfs, Arpico, Star United)   | XXX                |                                  | XXX                          | XX                               | XXX            | XXX         | X                    |                           | XX                                    |  |
| Municipal markets in Colombo City (17 markets)  | XXX                |                                  |                              | X                                | XXX            | X           | XX                   |                           |                                       |  |
| Daily markets, mobile vendors and retailers   | XXX                |                                  |                              | X                                | XXX            | X           | XX                   |                           |                                       |  |
| Online Market Platforms (E-marketing)   | XXX                |                                  |                              | X                                | XXX            |             |                      |                           | X                                     |  |
| The Hotel Association of Sri Lanka  | XXX                |                                  | X                            |                                  | XXX            | XX          | XX                   |                           |                                       |  |
| Restaurants and Food Centers  | XXX                |                                  | XXX                          | X                                | XXX            | XX          | XX                   |                           |                                       |  |
| Private Banks (NDB, Sampath, HSBC, CCB, Sey etc.)   | XXX                | X                                | X                            | X                                | X              |             |                      |                           | X                                     |  |
| Financing Institutes (e.g. SANASA)  | XXX                | X                                | X                            | X                                | X              |             |                      |                           | XX                                    | X                                      |

| Agencies/Associations/Organizations   | Resource providers | Agricultural/ Food production | Food processing & Storage | Food transport & distribution | Food marketing | Food safety | Food loss & waste | Food Imports & Exports | Climate resilience in Food Systems | Awareness on climate & food systems |
|---|--------------------|-------------------------------|---------------------------|-------------------------------|----------------|-------------|-------------------|------------------------|------------------------------------|-------------------------------------|
| Sri Lanka Certification Bodies  | XXX                | X                             |                           |                               |                | XXX         | X                 | XX                     | XX                                 |                                     |
| Slaughter houses  | X                  |                               |                           |                               |                | X           |                   |                        |                                    |                                     |
| Meat shops  | XX                 |                               | X                         |                               | XXX            | XX          | XX                |                        |                                    |                                     |
| Waste management, Cleaning and Sanitary Services (Abans Pvt. Ltd., Burns Pvt Ltd., Carekleen Pvt Ltd) | XXX                |                               |                           |                               |                |             | XXX               |                        | XX                                 |                                     |
| Individual farmers  |                    | XXX                           | X                         | X                             | X              | X           | XX                |                        | XXX                                |                                     |
| Farmer Organizations  | XXX                | XXX                           | X                         | X                             | X              | X           | XX                |                        | XXX                                | XX                                  |
| Farmer Companies  | XXX                | XXX                           | XX                        | XX                            | XX             | XX          | XX                |                        | X                                  |                                     |
| Non-governmental Organizations (Janathaksh Center for Poverty Analysis, etc.)                         | XXX                |                               |                           |                               |                |             |                   |                        |                                    | XXX                                 |
| Media Agencies  | X                  |                               |                           |                               | XX             |             |                   |                        |                                    |                                     |

### Mapping of National Level Public Institutions involved in Cross-cutting areas of Climate Shocks related to the Colombo CRFS

|    |                    |    |                      |   |                 |  |                         |
|----|--------------------|----|----------------------|---|-----------------|--|-------------------------|
| XX | Strong Involvement | XX | Moderate involvement | X | Low involvement |  | Indirect or involvement |
|----|--------------------|----|----------------------|---|-----------------|--|-------------------------|

| Ministry    | State Minister (SM) | Department/ Institute | Food and Nutrition security | Social inclusion and equity | Livelihood and Economic Development | Natural Resource Management |
|-------------|---------------------|-----------------------|-----------------------------|-----------------------------|-------------------------------------|-----------------------------|
| Agriculture |                     | DOA                   | XXX                         |                             | XXX                                 | XX                          |
|             |                     | AAIB                  |                             |                             | XXX                                 |                             |
|             | SM 1                | DAD                   | X                           |                             | XXX                                 |                             |
|             |                     | PMB                   | XX                          | XX                          | XXX                                 |                             |
|             |                     | HARTI                 |                             |                             |                                     |                             |
|             |                     | SLCARP                |                             |                             |                                     |                             |
|             |                     | NIPHM                 | XX                          |                             |                                     |                             |
|             |                     | DEC                   | XX                          | XX                          | XX                                  |                             |
|             | SM 2                | NFS                   |                             |                             | X                                   |                             |
|             |                     | CFC                   |                             | X                           | X                                   |                             |
|             |                     | CCFC                  |                             | X                           | X                                   |                             |
|             |                     | NFPB                  | X                           | X                           |                                     |                             |
|             | SM 3                | DAPH                  | XX                          |                             | XXX                                 |                             |
|             |                     | NLDB                  | XX                          |                             | XXX                                 |                             |
|             |                     | MILCO                 | XX                          |                             | XXX                                 |                             |
|             |                     | MLEL                  | XX                          |                             | XX                                  |                             |
|             | SM 4                | NADA                  |                             |                             | XX                                  |                             |



| Ministry     | State Minister (SM) | Department/ Institute | Food and Nutrition security | Social inclusion and equity | Livelihood and Economic Development | Natural Resource Management |
|--------------|---------------------|-----------------------|-----------------------------|-----------------------------|-------------------------------------|-----------------------------|
| Fisheries    | SM 1                | DFAR                  | X                           |                             | XX                                  |                             |
|              |                     | SLFC                  | XX                          |                             | XX                                  |                             |
|              |                     | NAQDA                 | XX                          |                             | XX                                  |                             |
|              |                     | NARA                  | XX                          |                             | XX                                  |                             |
|              |                     | CFHC                  | X                           |                             | XX                                  |                             |
| Plantations  | SM 1                | CCB                   |                             |                             | XXX                                 |                             |
|              |                     | CRI                   | XX                          | X                           | XX                                  | XX                          |
|              |                     | CDA                   |                             |                             | XX                                  |                             |
|              | SM 2                | DEA                   |                             | X                           | XX                                  | X                           |
|              |                     | SRI                   | XX                          | X                           | XX                                  | X                           |
|              |                     | SLCC                  |                             |                             | XX                                  |                             |
|              |                     | SAPMB                 |                             |                             | XX                                  |                             |
| Irrigation   | SM 1                | DOI                   |                             | X                           | XX                                  | X                           |
|              |                     | MASL                  | X                           | XX                          |                                     | X                           |
| Water Supply |                     | NWSDB                 |                             |                             | X                                   | X                           |
|              |                     | WRB                   | X                           | XX                          | X                                   | X                           |
| Lands        |                     | DLCG                  |                             | XX                          | XX                                  | X                           |
|              |                     | LRC                   |                             | XX                          | XX                                  | X                           |
|              | SM 1                | DLUPP                 |                             | X                           | X                                   |                             |
| Power        | SM 1                | CEB                   |                             | X                           |                                     |                             |
|              |                     | SEA                   |                             | X                           |                                     | XX                          |
| Highways     |                     | RDA                   |                             | X                           | X                                   |                             |
| Transport    | SM 1                | DSLIR                 |                             | X                           | X                                   |                             |
|              |                     | SLTB                  |                             | XX                          | XX                                  |                             |
| Tourism      |                     | SLTDA                 |                             |                             | X                                   |                             |
| Trade        |                     | LS                    | XX                          | XXX                         |                                     |                             |
|              |                     | CWE                   | X                           | XXX                         |                                     |                             |
|              |                     | FCD                   | XXX                         | X                           |                                     |                             |
|              |                     | EDB                   |                             |                             | XXX                                 |                             |
|              | SM 1                | CAA                   | XX                          | XXX                         | X                                   |                             |
|              |                     | DCD                   | X                           | XX                          | X                                   |                             |
| Mass Media   |                     | DGI                   |                             | X                           |                                     |                             |
|              |                     | SLRC                  |                             | X                           |                                     |                             |
|              |                     | ITN                   |                             | X                           |                                     |                             |
| Defence      | SM 1                | DOM                   |                             | XX                          |                                     | XXX                         |
|              |                     | DMC                   |                             | XX                          |                                     | XXX                         |
| Education    | SM 1                | UNIV                  | X                           | X                           | X                                   | XX                          |
|              |                     | NRC                   |                             |                             | X                                   |                             |
|              |                     | NSF                   |                             |                             | X                                   |                             |

| Ministry                       | State Minister (SM) | Department/ Institute | Food and Nutrition security | Social inclusion and equity | Livelihood and Economic Development | Natural Resource Management |
|--------------------------------|---------------------|-----------------------|-----------------------------|-----------------------------|-------------------------------------|-----------------------------|
| Technology                     |                     | ITI                   | X                           | X                           | X                                   | X                           |
|                                |                     | SLINTEC               |                             |                             | X                                   |                             |
| Health                         |                     | DHS                   | X                           | XX                          |                                     |                             |
|                                |                     | MRI                   |                             | X                           |                                     |                             |
|                                |                     | NHC                   | X                           | XX                          |                                     |                             |
|                                |                     | ND                    | XXX                         | XXX                         | X                                   |                             |
|                                |                     | FCA                   | XXX                         | XX                          |                                     |                             |
| Environment                    |                     | CCS                   |                             | X                           | X                                   | XXX                         |
|                                |                     | CEA                   |                             |                             | X                                   | XXX                         |
|                                |                     | SLCF                  |                             |                             | X                                   | XX                          |
| Wildlife & Forest Conservation | SM 1                | DFC                   |                             | XX                          | X                                   | XXX                         |
| Urban Development and Housing  |                     | NPPD                  |                             |                             | XXX                                 | X                           |
|                                |                     | HDL                   |                             |                             | XX                                  |                             |
|                                | SM 1                | UDA                   |                             | XXX                         | XX                                  | XX                          |
|                                |                     | USDA                  |                             | XXX                         | XX                                  | XX                          |
|                                |                     | DCCCZM                |                             | XX                          | XX                                  | XXX                         |
| Finance                        |                     | GT                    | XXX                         | XXX                         | XXX                                 | XXX                         |
|                                |                     | DNP                   | XXX                         | XXX                         | XXX                                 | XXX                         |
|                                |                     | IPS                   |                             | X                           | X                                   |                             |
|                                |                     | SB                    | X                           | XX                          | XXX                                 |                             |
|                                |                     | SLC                   | X                           |                             | XX                                  |                             |
| Ports and Shipping             |                     | SLPA                  | X                           |                             | XX                                  |                             |
|                                |                     | CSC                   |                             |                             | X                                   |                             |
| Industries                     |                     | LPCL                  |                             |                             | X                                   |                             |
| Prisons                        | SM 1                | DOP                   |                             |                             | X                                   |                             |
| Presidential Secretariat       |                     | SLSI                  |                             | X                           |                                     |                             |
|                                |                     | CPC                   | X                           |                             | XXX                                 | X                           |
|                                |                     | TERPA                 | XX                          | XXX                         | XXX                                 | X                           |

SM = state ministries under different cabinet ministries

## Mapping of Provincial/Local Government Level Public Institutions involved in Cross-cutting areas of Climate Shocks related to the Colombo CRFS

|     |                    |    |                      |   |                 |  |                         |
|-----|--------------------|----|----------------------|---|-----------------|--|-------------------------|
| XXX | Strong Involvement | XX | Moderate involvement | X | Low involvement |  | Indirect or involvement |
|-----|--------------------|----|----------------------|---|-----------------|--|-------------------------|

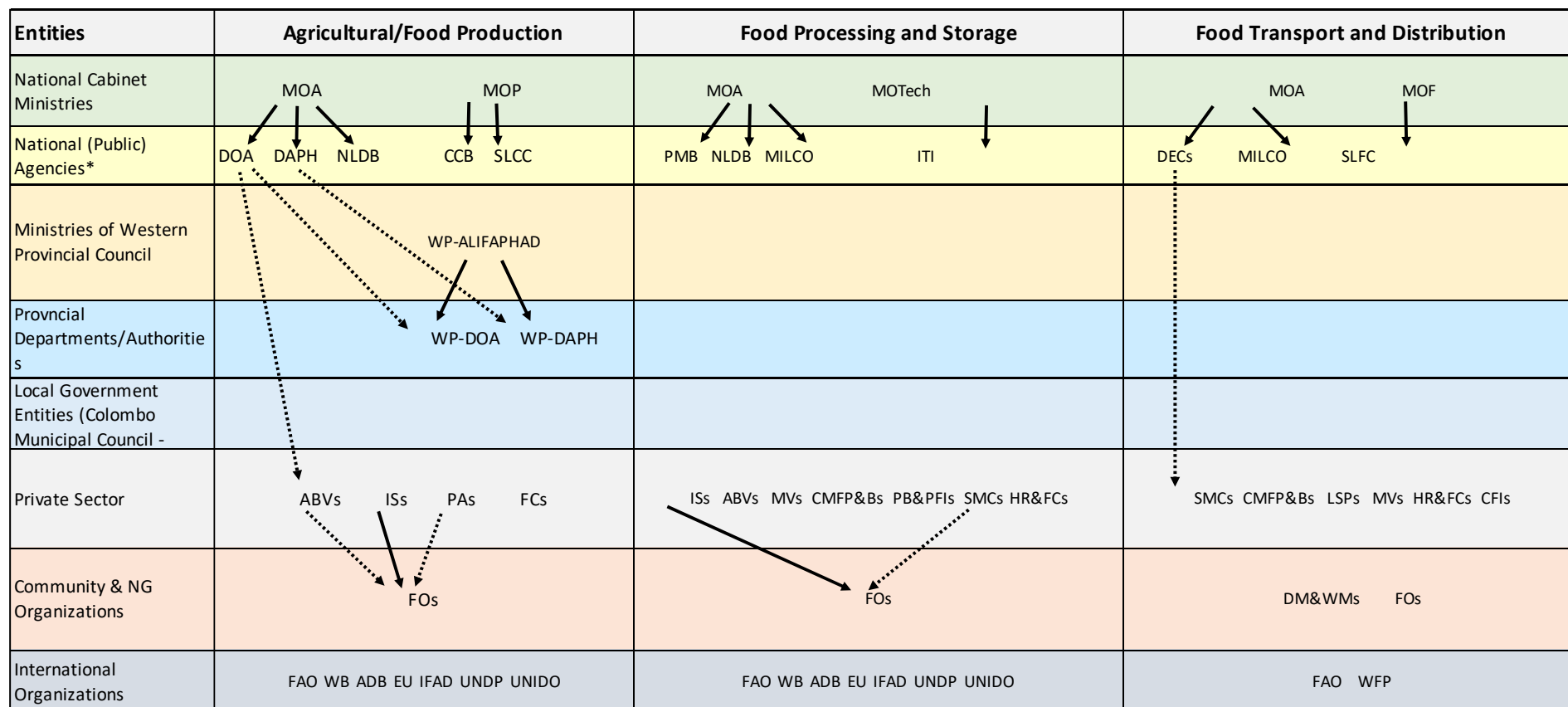
| National/Provincial/Local Government Entity  | Department/Authority (Provincial/District/Local)               | Food and Nutrition security | Social inclusion and equity | Livelihood and Economic Development | Natural Resource Management |
|--|--|-----------------------------|-----------------------------|-------------------------------------|-----------------------------|
| State Ministry of National Security, Home Affairs and Disaster Management  | Agriculture Division   |                             |                             | XX                                  |                             |
| Western Province Ministry of Agriculture, Lands, Irrigation, Fisheries, Animal Production & Health, and Agrarian Development | Agriculture  | XX                          | XX                          | XXX                                 | X                           |
|  | Animal Production & Health                                     | XX                          | XX                          | XXX                                 | X                           |
|  | Land Commissioner's Department                                 |                             |                             |                                     | X                           |
|  | Irrigation   |                             |                             |                                     | X                           |
|  | Agro-services Authority  | X                           |                             | X                                   |                             |
| Ministry of Local Government, Economic Promotion, Power & Energy, Environmental Affairs, Water Supply & Drainage and Tourism | Waste Management Authority                                     |                             |                             | X                                   |                             |
| Colombo Municipal Council  | Public Health Department                                       | XXX                         |                             |                                     |                             |
|  | Health Curative Department                                     | XXX                         |                             |                                     |                             |
|  | Municipal Veterinary Department                                | X                           |                             |                                     |                             |
|  | Engineering services Department                                |                             |                             |                                     | XX                          |
|  | Land and Environmental Development, and Solid Waste Management |                             |                             |                                     |                             |

## Engagement by the private and non-governmental organizations involved in Cross-cutting areas of Climate Shocks related to the Colombo CRFS

|     |                    |    |                      |   |                 |  |                         |
|-----|--------------------|----|----------------------|---|-----------------|--|-------------------------|
| XXX | Strong Involvement | XX | Moderate involvement | X | Low involvement |  | Indirect or involvement |
|-----|--------------------|----|----------------------|---|-----------------|--|-------------------------|

| Agencies/Associations/Organizations  | Food and Nutrition security | Social inclusion and equity | Livelihood and Economic Development | Natural Resource Management |
|--|-----------------------------|-----------------------------|-------------------------------------|-----------------------------|
| CropLife Sri Lanka (29 Private Sector organizations)<br>Fertilizer Importers (15 Private Sector Organizations)<br>Seed importers (food crops; >100 agencies) and Agri Machinery Suppliers                          | X                           |                             | XXX                                 |                             |
| Input dealers and retail outlets   | X                           |                             | X                                   |                             |
| Agri Business Ventures (e.g CIC Agri Businesses Pvt Ltd., Hayleys Agriculture PLC, Saraketha Pvt. Ltd., , etc.)  | XXX                         | X                           | XXX                                 | X                           |
| Producer Associations (Protected Agriculture Association, All Island Poultry Association, All Island Dairy Association, Lanka Fruits and Vegetable Producers, Processors and exporters Association – LFVPPE, etc.) | X                           | X                           | XX                                  | X                           |
| Collectors and Millers   | X                           |                             | XX                                  |                             |
| Bakers and Food Processor Associations (including Canned Product and Beverage producers)   | X                           | X                           |                                     |                             |
| Logistic Service Providers (e.g. transport)  | X                           |                             |                                     |                             |
| Whole sellers,   | XXX                         | X                           | XXX                                 |                             |
| Super Market Chains (Cargills, Keells, Laugfs, Arpico, Softlogic), Municipal markets in Colombo City (17 markets), daily markets, mobile vendors and retailers   | XXX                         |                             | XX                                  |                             |
| Online Market Platforms (E-marketing)  | XX                          |                             | X                                   |                             |
| Hotels in Colombo City, Restaurants and Food Centers   | X                           |                             | XX                                  |                             |
| Private Banks (NDB, Sampath, HSBC, CCB, Seylan, etc.)  |                             |                             | XX                                  |                             |
| Financing Institutes (e.g. SANASA)   |                             |                             | XX                                  | X                           |
| Sri Lanka Certification Bodies   | X                           |                             |                                     | X                           |
| Slaughter houses and meat shops  | XX                          |                             |                                     |                             |
| Waste management, Cleaning and Sanitary Services (Abans Pvt. Ltd., Burn Pvt Ltd., Carekleen Pvt Ltd)   |                             |                             |                                     | X                           |
| Individual farmers and Farmer Organizations  | XXX                         | XXX                         | XXX                                 | XX                          |
| Farmer Companies   | XX                          | XXX                         | XXX                                 |                             |
| Non-governmental Organizations (Janathakshan, Center for Poverty Analysis etc.)  |                             | XXX                         |                                     | X                           |
| Media Agencies   |                             | X                           |                                     |                             |

## Stakeholder Analysis of the Colombo CRFS - based on focused value chain activity in the food system in relation to climate risks



\* Public Institutions: Refer to the acronyms

Provincial: ALIFAPHAD: Agriculture, Lands, Irrigation, Fisheries, Animal Production and Health, and Agrarian Development; LGPEPPEAWSDT = Local Government, Economic Promotion, Power & Energy, Environmental Affairs, Water Supply & Drainage, and Tourism; WMA = Waste Management Authority; DOA = Department of Agriculture; DAPH = Department of Animal production and Health

Local Government: CMC = Colombo Municipal Council; PHD = Public Health Department; HCD = Health Curative Department; VD = Veterinary Department; ESD = Engineering Service Department

Private Sector: ABVs = Agri-Business Ventures; ISs = Input Suppliers; PAs = Producer Associations; FCs = Farmer Companies; CMFP&B = Collectors, Millers Food Processors and Bakers; LSP = Logistic Service providers; e-MPs = e-market platforms; SMCs = Super Market Chains; PB&PFIs = Private Banks and Private Financial Institutes; HR&FCs = Hotels, Restaurants and Food Centers; ICB = International Certification Bodies; SLCB = Sri Lanka Certification Bodies; WS&T = Whole Sellers and Traders; MVs = Mobile Vendors

WMSCS = Waste Management, Sanitary and Cleaning Service

Community and NGOs: FOs = Farmer Organizations; DM&WMs = Daily Markets and Wholesale Markets;

International Organizations: IFAD = International Fund for Agricultural Development; WFP = World Food Program; WHO = World Health Organization; UNICEF = United Nations Children's Fund; FAO = Food and Agriculture Organization; IWMI = International Water Management Institute; UNE = UN Environment; UNOPS: United Nations Office for Project Services; UNDP = United Nations Development Program; WB = World Bank; ADB = Asian Development Bank; EU = European Union; IUCN = Word Conservation Union, WV = World Vision

| Entities   | Food Marketing                 | Food safety                  | Food Loss and Waste    |
|--|--------------------------------|------------------------------|------------------------|
| National Cabinet Ministries                            | MOA MOF MOT<br>↓ ↓ ↓           | MOA MOTech MOH PS<br>↓ ↓ ↓ ↓ | MOA MOPris PS<br>↓ ↓ ↓ |
| National (Public) Agencies*                            | DEC MILCO SLFC LS CWE          | MILCO ITI DHS SLSI           | DEC DOP CPC            |
| Ministries of Western Provincial Council               |                                |                              | WP-LGEPPEAWSDT<br>↓    |
| Provincial Departments/Authorities                     |                                |                              | WP-WMA<br>⋮            |
| Local Government Entities (Colombo Municipal Council - |                                | CMC-PHD CMC-HCD CMC-VD       | CMC-ESD<br>↓           |
| Private Sector   | SMCs e-MPs WS&T CMFP&Bs HR&FCs | ICB SLCB                     | WMSCS                  |
| Community & NG Organizations                           | FOs                            | SMs                          |                        |
| International Organizations                            | WFP                            | WHO UNICEF FAO               | IWMI, FAO              |

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| Entities   | Food Governance                     | Build Resilience against Climate Shocks | Awareness on Climate and Food Systems |
|--|-------------------------------------|---|---------------------------------------|
| National Cabinet Ministries                            | MOA MOF MOP MOI MOH PS              | MOA MOD MOE                             | MOA MOD MOE                           |
| National (Public) Agencies*                            | DOA DAPH DFAR CDA DEA DOI DHS TERPA | DOA DOM DMC CCS                         | DOA DOM DMC CCS                       |
| Ministries of Western Provincial Council               |                                     |   |                                       |
| Provincial Departments/Authorities                     |                                     |   |                                       |
| Local Government Entities (Colombo Municipal Council - |                                     |   |                                       |
| Private Sector   |                                     | PfIs                                    |                                       |
| Community & NG Organizations                           |                                     | FOs Many NGOs                           |                                       |
| International Organizations                            | FAO                                 | UNE IWMI UNOPS UNDP WB ADB EU IUCN WV   |                                       |

\* Public Institutions: Refer to the acronyms

Provincial: ALIFAPHAD: Agriculture, Lands, Irrigation, Fisheries, Animal Production and Health, and Agrarian Development; LGPEEAWSDT = Local Government, Economic Promotion, Power & Energy, Environmental Affairs, Water Supply & Drainage, and Tourism WMA = Waste Management Authority; DOA = Department of Agriculture; DAPH = Department of Animal production and Health

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Private Sector: ABVs = Agri-Business Ventures; ISs = Input Suppliers; PAs = Producer Associations; FCs = Farmer Companies; CMFP&B = Collectors, Millers Food Processors and Bakers; LSP = Logistic Service providers; e-MPs = e-market platforms; SMCs = Super Market Chains; PB&PFIs = Private Banks and Private Financial Institutes; HR&FCs = Hotels, Restaurants and Food Centers; ICB = International Certification Bodies; SLCB = Sri Lanka Certification Bodies; WS&T = Whole Sellers and Traders; MVs = Mobile Vendors

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## Stakeholder Analysis of the Colombo CRFS - based on focussed value chain activity in the food system in relation to climate risks

| Entities  | Food supply   | Food processing   | Food prices   | Food safety  | Food Security   | Food waste  | Resilience against climate shocks  |
|---|---|---|---|--|---|---|--|
| <b>National Cabinet Ministries</b>              | (1) Agriculture (2) Fisheries (3) Plantations (4) Irrigation (5) Finance  | (1) Agriculture (2) Fisheries (3) Plantations (4) Trade (5) Public Services, Provincial Councils & Local Government (6) Finance                                     | (1) Agriculture (2) Fisheries (3) Trade (4) Finance   | (1) Agriculture (2) Fisheries (3) Trade (4) Public Services, Provincial Councils & Local Government (5) Health (6) Finance   | (a) Agriculture (2) Fisheries (3) Plantations (4) Irrigation (5) Trade (6) Public Services, Provincial Councils & Local Government (7) Education (8) Finance (9) Presidential Secretariat   | (1) Presidential Secretariat (2) Environment (3) Urban Development & Housing (4) Public Services, Provincial Councils & Local Government  | (1) Agriculture (2) Defence (3) Public Services, Provincial Councils & Local Government (5) Education (6) Environment (7) Presidential Secretariat   |
| <b>National (Public) Agencies*</b>              | DOA, DAD, PMB, NPHMI, NFPB, DAPH, NLDB, DFAR, SLFC, NAQDA, DEA, DOI, MASL, SB   | DOA, NPHMI, NLDB, MILCO, MLEL, SLFC, DEA, LS, CWE, SB   | DOA, NLDB, MILCO, NLEL, SLFC, LS, CWE, FCD, CAA, GT, SB   | DOA, DAPH, NLDB, MILCO, NLEL, DFAR, FCD, CAA, FCA, TERPA   | DOA, HARTI, SLCARP, DFAR, CCB, CDA, DOI, MASL, LS, CWE, FCD, CAA, UNIV, GT, DNP, SB, TERPA  | CPC, CEA, UDA, DCCCZM, DSDs   | DOA, AAIB, SLCARP, NPHMI, DOM, DMC, NDMC, UNIV, CCS, SLCF, DFC, TERPA  |
| <b>Ministries of Western Provincial Council</b> | (1) Agriculture, Land, Irrigation, Fisheries, Animal Production & Health and Agrarian Development   | (1) Agriculture, Land, Irrigation, Fisheries, Animal Production & Health and Agrarian Development   | (1) Agriculture, Land, Irrigation, Fisheries, Animal Production & Health and Agrarian Development   | (1) Health, Indigenous Medicine, Social Welfare, Probation & Child Care Services, Women Affairs, and Council Affairs   | (1) Agriculture, Land, Irrigation, Fisheries, Animal Production & Health and Agrarian Development, (2) Health, Indigenous Medicine, Social Welfare, Probation & Child Care Services, Women Affairs, and Council Affairs   | (1) Local Government, Economic Promotion, Power & Energy, Environmental Affairs, Water Supply & Drainage, and Tourism, (2) Health, Indigenous Medicine, Social Welfare, Probation & Child Care Services, Women Affairs, and Council Affairs | (1) Agriculture, Land, Irrigation, Fisheries, Animal Production & Health and Agrarian Development, (2) Local Government, Economic Promotion, Power & Energy, Environmental Affairs, Water Supply & Drainage, and Tourism |
| <b>Provincial Departments/Authorities</b>       | (1) Agriculture, (2) Animal Production and Health, (3) Irrigation, (4) Agro-services Authority  | (1) Agriculture, (2) Animal Production and Health, (3) Irrigation, (4) Agro-services Authority  |   | (1) Health Services  | (1) Agriculture, (2) Animal Production and Health, (3) Irrigation, (4) Agro-services Authority  | (1) waste management Authority - Western Province, (2) Department of Health Services - Western Province   |  |
| <b>Local Government Entities</b>                | CMC - Trade License Section   | CMC - Trade licence section   |   | (1) CMC - Public Health Department, (2) CMC - Veterinary Department  | (1) CMC - Trade Licence Section   | (1) CMC - Solid Waste Management Department   |  |
| <b>International Organizations</b>              | (1) FAO (2) WFP   | (1) FAO (2) WB (3) EU (4) IFAD (5) UNDP (6) UNIDO   |   | (1) WHO (2) UNICEF (3) FAO   | (1) FAO (2) WFP (3) WB (4) EU (5) USAID (6) IFAD  |   | (1) UN Environment (2) IWMI (3) UNOPS (4) UNDP (5) WB (6) EU   |
| <b>Private Sector</b>                           | (1) Super Market Chains (Cargills, Keells, Laugfs, Arpico, Softlogic) (2) Millers (3) Logistic service providers (4) Wholesalers (5) Retail Shops (6) Restaurants and Fast food centers (7) Mobile Vendors (8) Commodity and Food Importers (9) Private banks (10) Private Financial Institutions | (1) Millers (2) Prima Food Products (3) MA's Tropical Food Processing (4) Mobile vendors (5) Lanka Canners Ltd (6) Private banks (7) Private Financial Institutions | (1) Super Market Chain (Cargills, Keells, Laugfs, Arpico, Softlogic) (2) Online market platforms/e-platforms (3) Wholesalers (4) Traders                | (1) International Organic Certification Bodies (e.g. Control Union, IMO, NASAA, Naturland, EcoCert, Demeter and BioSuisse, OFG-UK), (2) Sri Lanka Certification Bodies (e.g. Sri Cert) | (1) CIC Agri Businesses (Pvt) Ltd. (2) Hayleys Agriculture (Pvt) Ltd. (3) Lankem Ceylon PLC (4) Browns Agriculture - Browns & Company PLC (5) DIMO Agribusinesses (6) Millers (7) Wholesalers (8) Retailers (9) Restaurants and Fastfood Centers (10) Mobile vendors (11) Private banks (12) Private Financial Institutions         | (1) Abans (Pvt) Ltd. (2) Burns (Pvt) Ltd. (3) Careklean (Pvt) Ltd   | (1) Financial Institutions (e.g. SANASA)   |
| <b>Community &amp; NG Organizations</b>         | (1) Daily Markets (2) Weekly/Weekend Markets (3) Farmers and Farmer Organizations (4) Dedicated Economic Centers (5) Good Market (6) Lanka Fruits & Vegetable Producers, Processors and Exporters Association (7) Sri Lanka Agripreneurs Forum (8) Peliyagoda Manning Market                      | (1) Sri Lanka Food Processor's Association (2) Lanka Fruits & Vegetable Producers, Processors and Exporters Association (3) Sri Lanka Agripreneurs Forum            | (1) Farmers and Farmer organizations (2) Millers (3) Traders' Associations (4) Dedicated Economic Centers (5) Good Market (6) Peliyagoda Manning Market | (1) Good Market  | (1) Farmer Organizations (2) Sri Lanka Food Processor's Association (3) Lanka Fruits & Vegetable Producers, Processors and Exporters Association (4) Sri Lanka Agripreneurs Forum (5) Dedicated Economic Centers (6) Good Market (7) Seedmen's Association Sri Lanka (8) CropLife Sri Lanka (9) National Agribusiness Council (NBC) | (1) Dedicated Economic Centers (2) Good Market (3) Livestock & Poultry Farmers (4) Several NGOs   | (1) Farmer Organizations (2) Many NGOs   |