

Links, Lessons and Lives

The City Region Food System Project in the Greater Golden Horseshoe



Part 1: The City Region Food System Assessment Project



Centre for Sustainable Food Systems

- **Vision and goals:**
 - **Green, Fair, Local, Engaged**
 - **What is a *food SYSTEM*?**



Centre for Sustainable Food Systems Research Projects

– FLEdGE:

- 5 years SSHRC funded
- 7 research nodes across Canada:
 - Atlantic Canada with FarmWorks and Perennia
 - Themes: integration; (whether/how to) scale up; innovative governance
- International advisory committees:
 - » Themes: Agro-ecology, City-Region Food Systems/ Metrics, Innovative Governance



Our research method

- **Participatory**
- **Community-driven**
- **Through advisory committees**
- **Bottom up**



Grateful to supporters



Social Sciences and Humanities
Research Council of Canada

Conseil de recherches en
sciences humaines du Canada

Canada

LAURIER 
Inspiring Lives



BALSILLIE SCHOOL
OF INTERNATIONAL AFFAIRS



Ontario

Ministry of Agriculture,
Food and Rural Affairs

Centre for
Sustainable
Food Systems



CRFS Project Goals

- To examine the flows, impacts, barriers, opportunities and policies in seven cities
- To identify shared indicators
- To identify long and short term policy goals

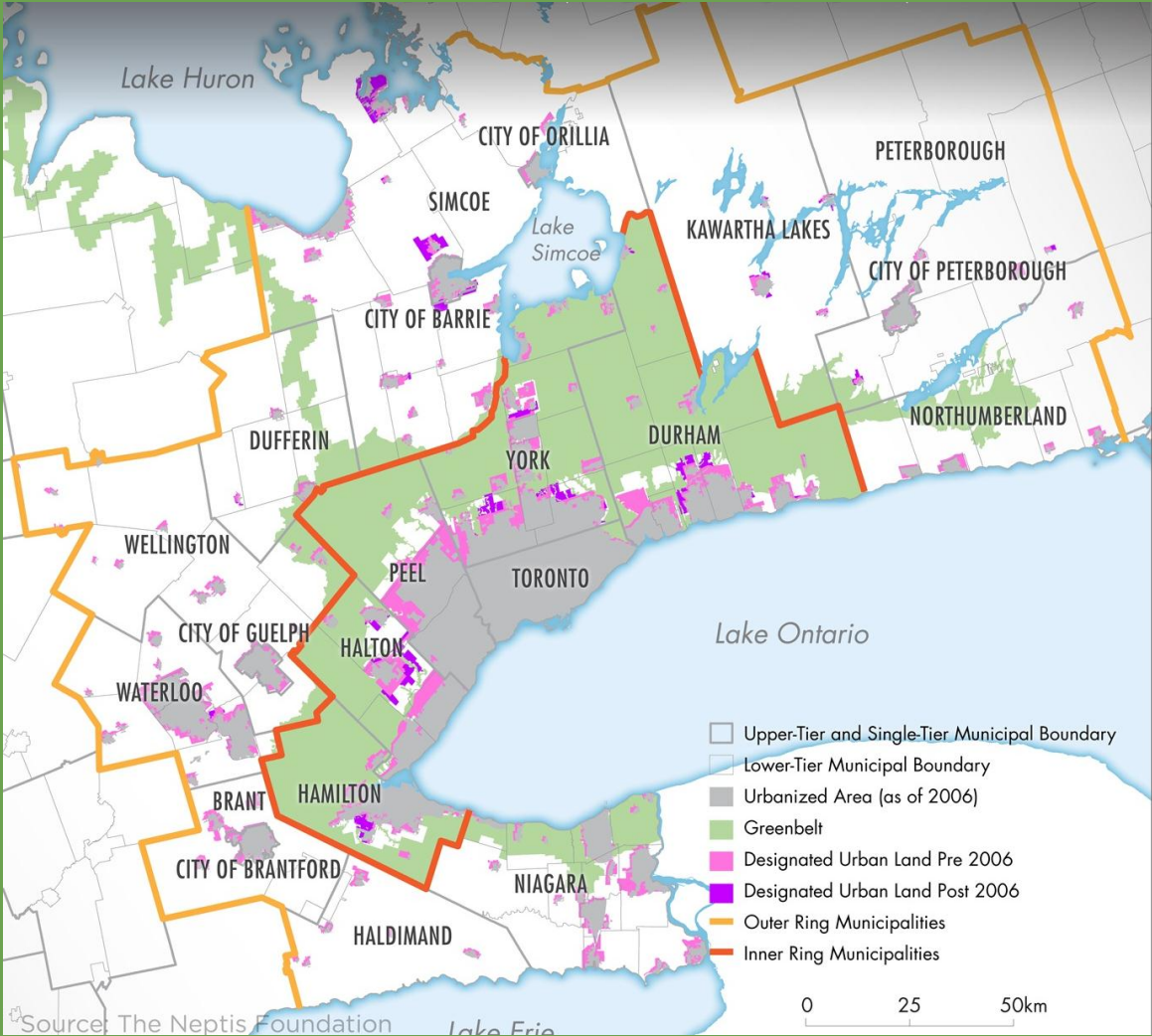


CRFS Project Process

- Phase 1
 - Task force development
 - Secondary research
- Phase 2
 - Primary research
- Critical Issues
 - Top foods
 - Phase 3
 - Policy development



The Greater Golden Horseshoe



Critical Issues



Regional food flows

Labour and work quality

Waste

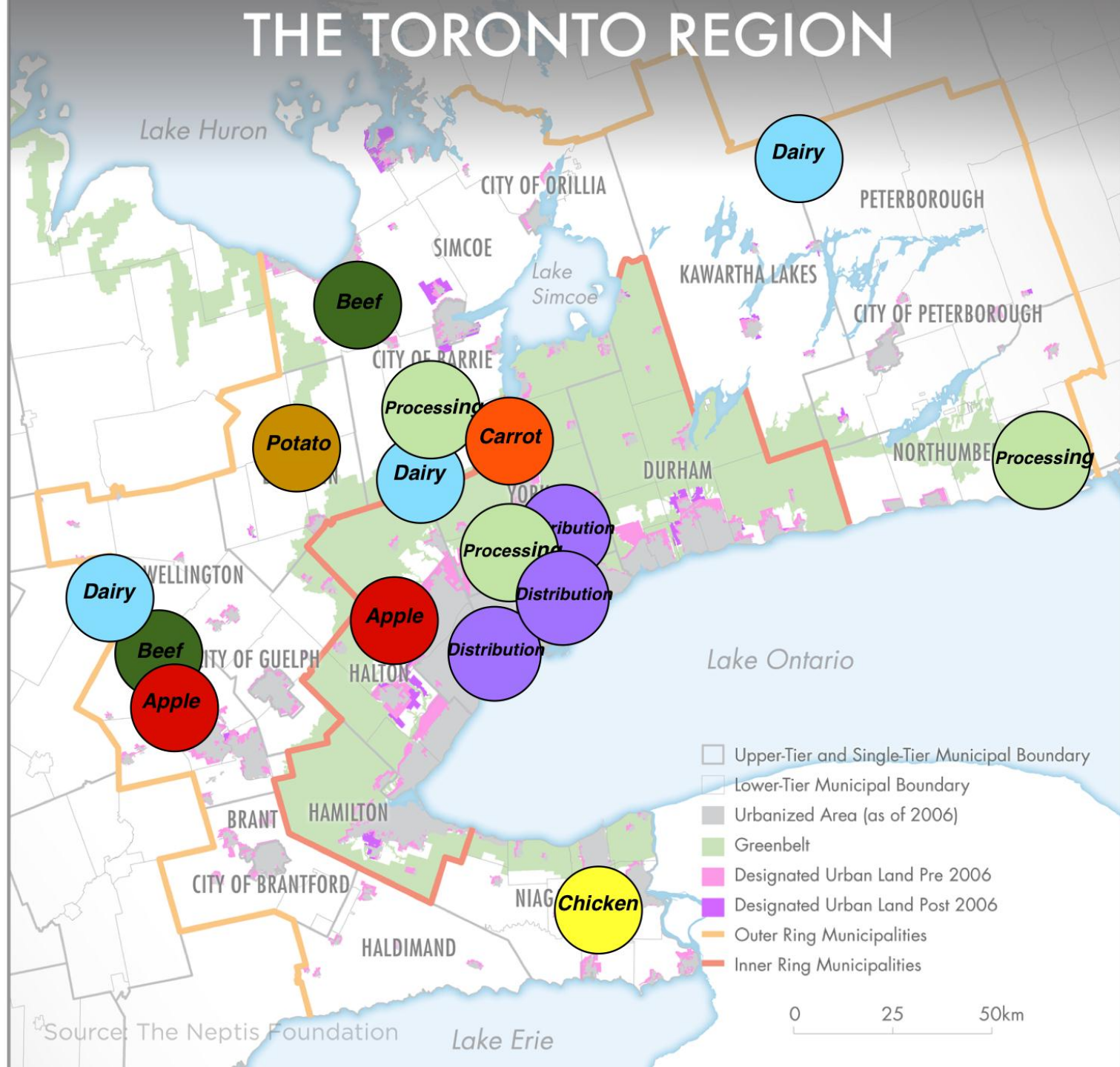
Democratic engagement

Education

Top foods table

| Attribute Fresh food type | Health implications <ul style="list-style-type: none"> ▪ Optimal food intake; ▪ Nutritious Food Basket | Opportunity for import substitution | Level of use in general diet | Level of data available | Common to specific sub-group? | Positive attributes out of 5 |
|------------------------------|---|-------------------------------------|------------------------------|--------------------------|-------------------------------|------------------------------|
| case Beef | n/a; yes | no | high | available | yes | 4 |
| 1. Chicken | n/a; yes | yes | high | available | yes | 5 |
| case Milk | No change; yes | yes | high | low | yes | 3 |
| 3. Apples | Increase; yes | some | high | high | yes | 5 |
| 4. Potatoes | Increase; yes | no | high | available | yes | 4 |
| 2. Carrots | Increase; yes | yes | high | high (one county source) | yes | 5 |
| case Broccoli | Increase; yes | some | no | no | no | 2 |
| case Bok choy | increase; no | little | no | no | ethno-cultural | 1 |

THE TORONTO REGION

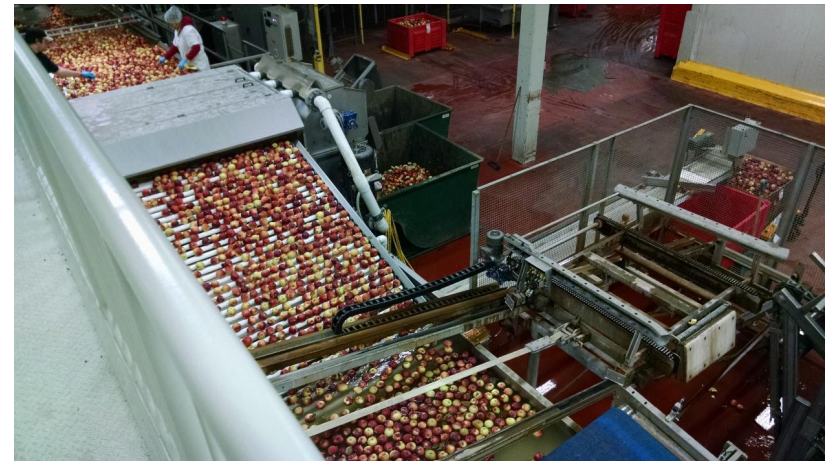


Source: The Neptis Foundation

- Upper-Tier and Single-Tier Municipal Boundary
- Lower-Tier Municipal Boundary
- Urbanized Area (as of 2006)
- Greenbelt
- Designated Urban Land Pre 2006
- Designated Urban Land Post 2006
- Outer Ring Municipalities
- Inner Ring Municipalities

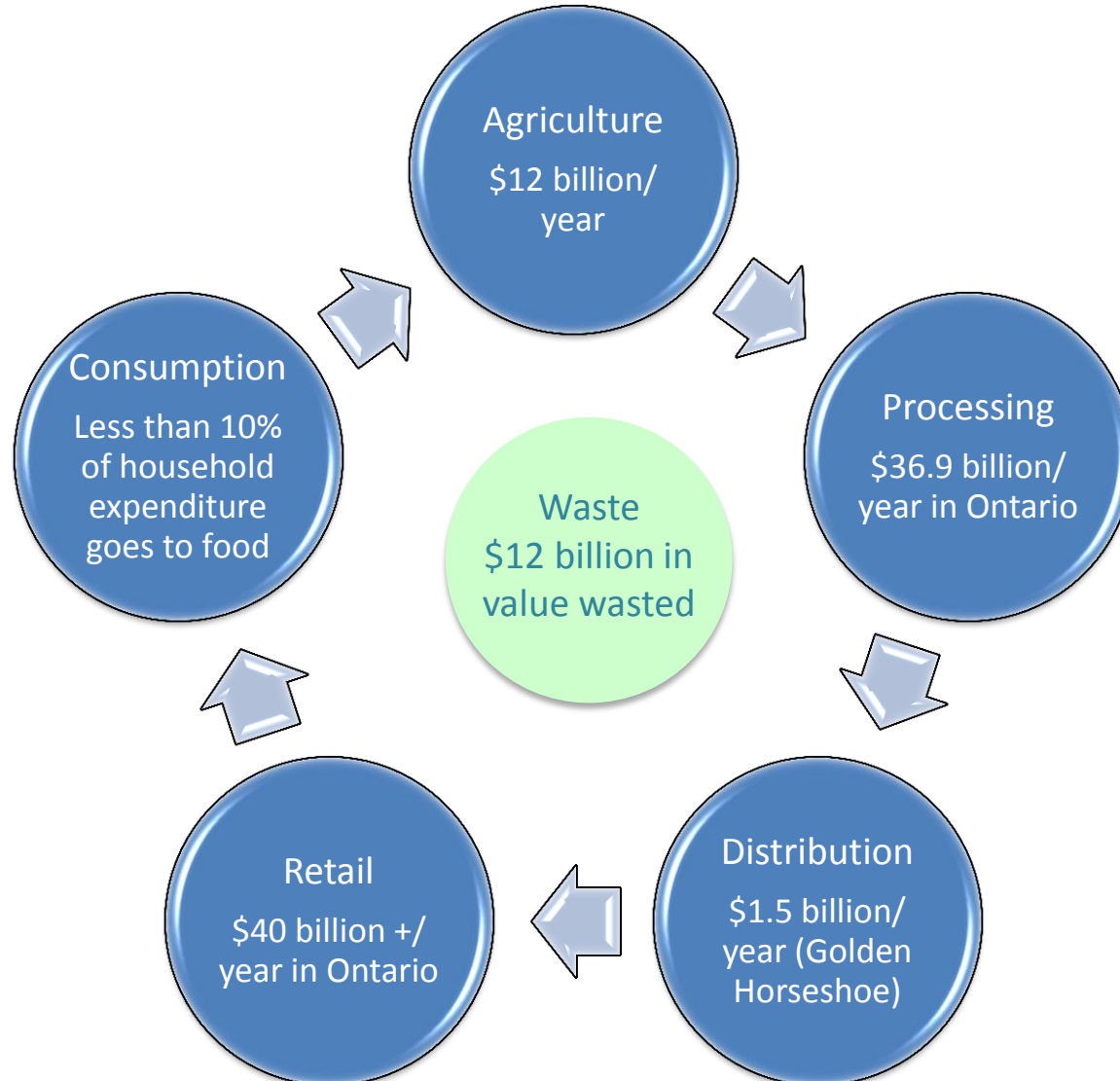
0 25 50km

Webs of Action

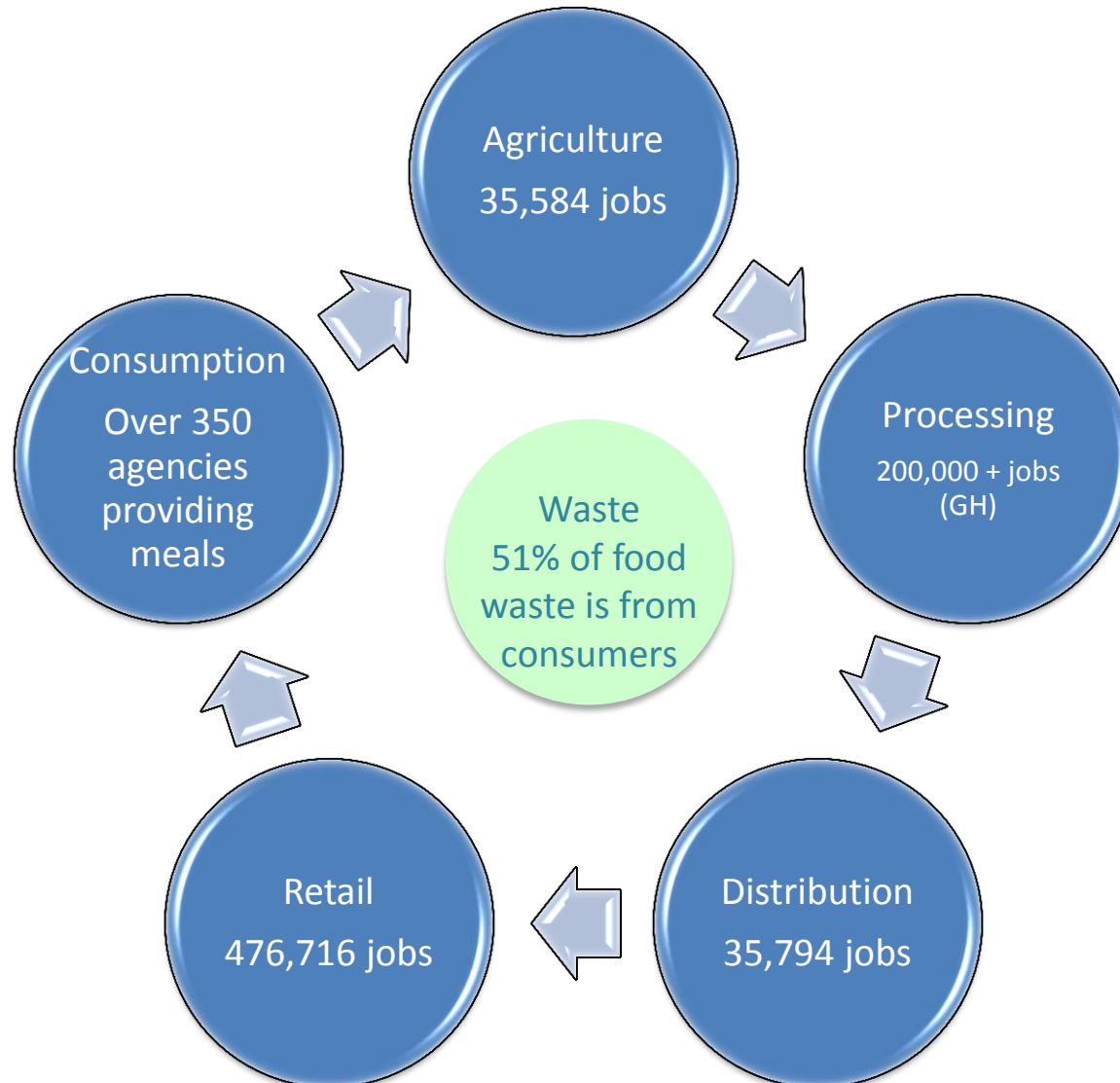


Situational Analysis

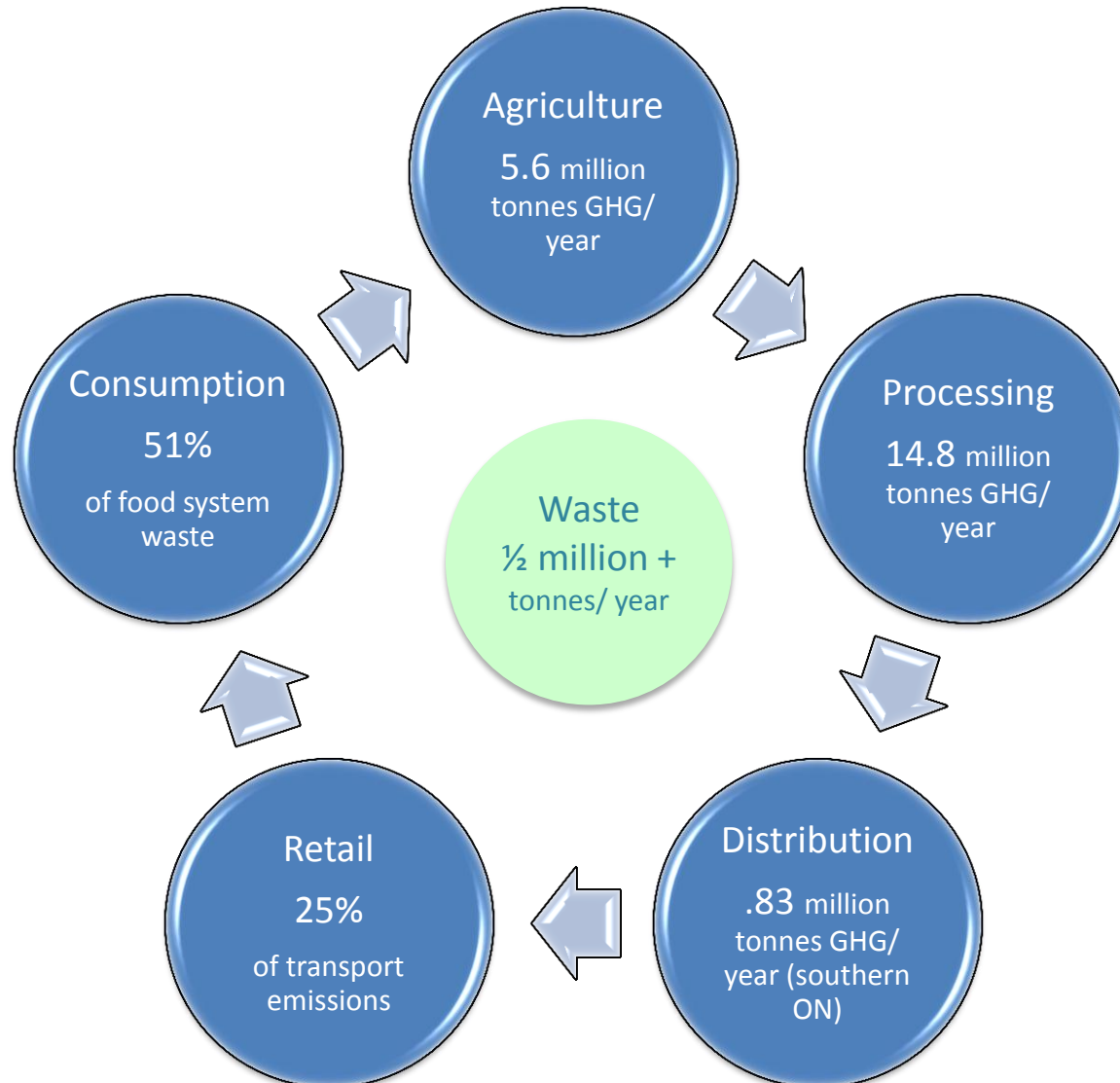
1. Economic Impact by Food System Area



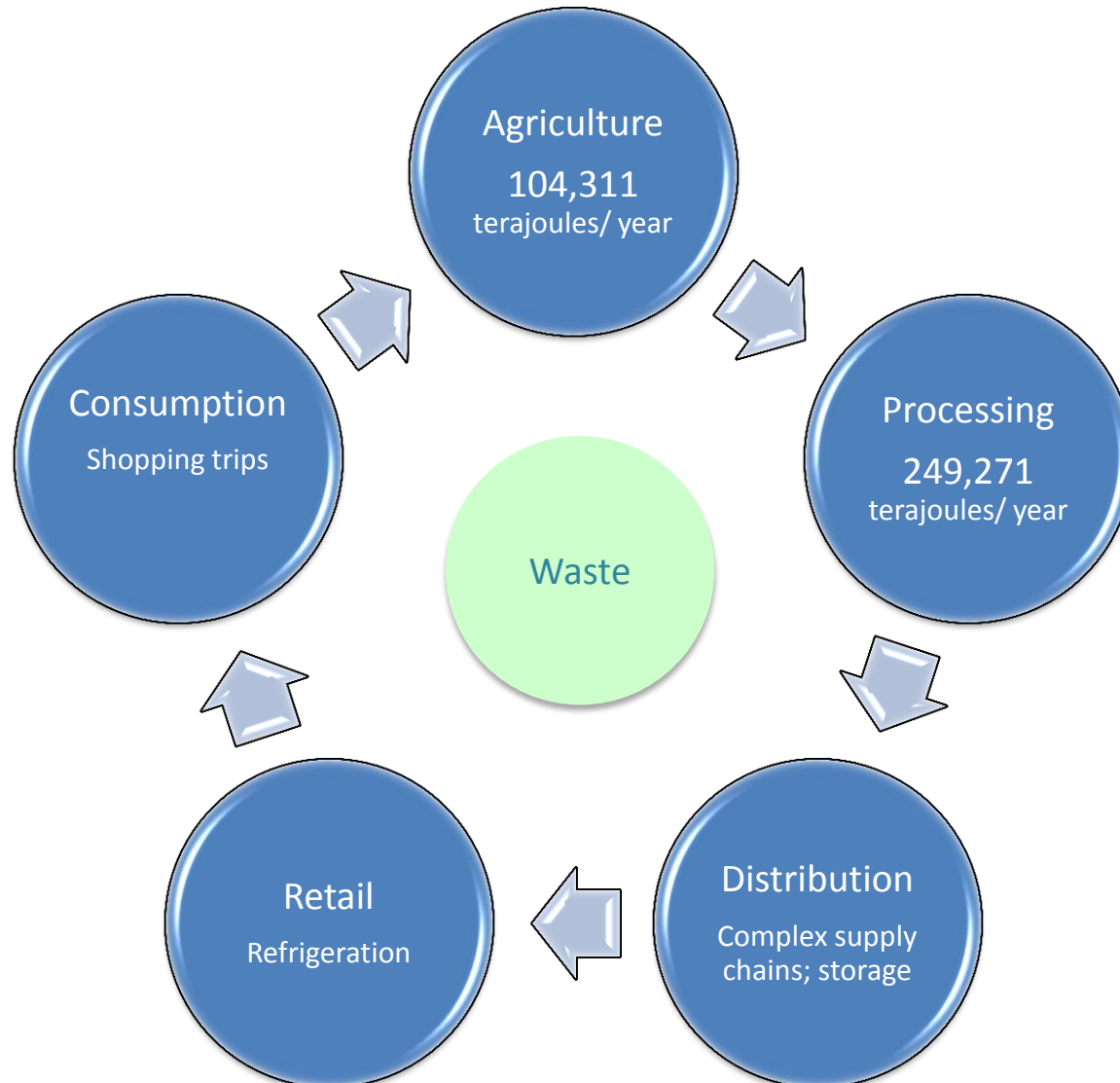
2. Social Impact by Food System Area



3. Climate Impact by Food System Area



4. Energy Use by Food System Area



Thank you!



Sally Miller/ sallyemiller@gmail.com

CRFS Project/ Centre for Sustainable Food Systems, Wilfrid Laurier University

RUAF Foundation/ Carasso Foundation

Part 2: Resilience in Food Systems



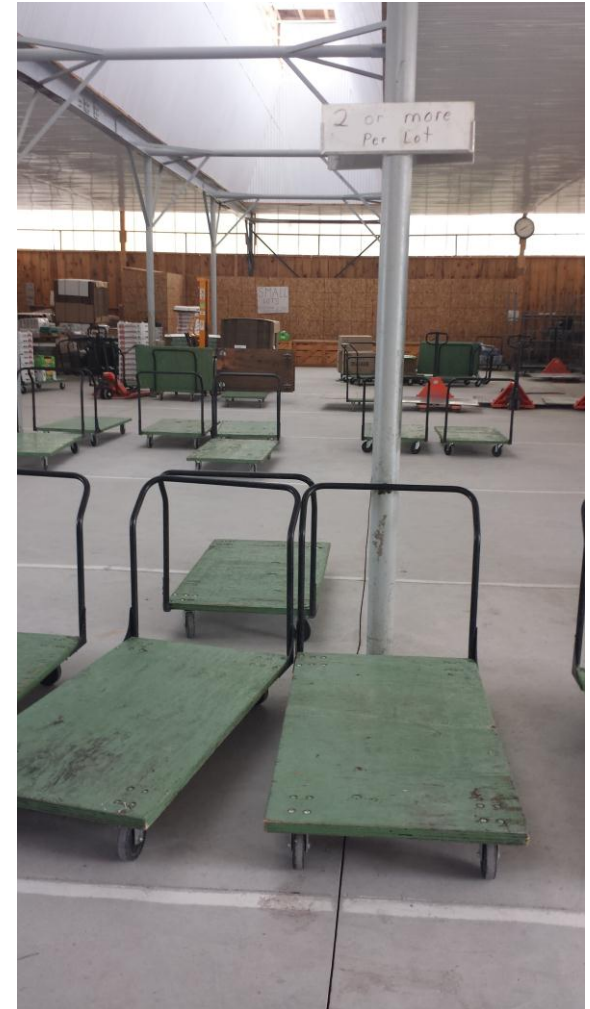
Case: Sheldon Creek Dairy



Agriculture



Distribution



Source: Local Organic Food Co-ops Network

Retail



Consumption



Shorter Supply Chains



Indicators of Resilience

- Multiple impacts
- Benefits for more than one food system area
- Replicability
- Scalability
- Longevity



Case: Mapleton's Dairy



Which food system activities are replicable and resilient?



Thank you!



Sally Miller/ sallyemiller@gmail.com

CRFS Project/ Centre for Sustainable Food Systems, Wilfrid Laurier University

RUAF Foundation/ Carasso Foundation