

# FoodMapper

An Open and Accessible Platform for Documenting Local Food Systems

## 20% of Georgians are food insecure\*

meaning that they don't always know where they will find their next meal.

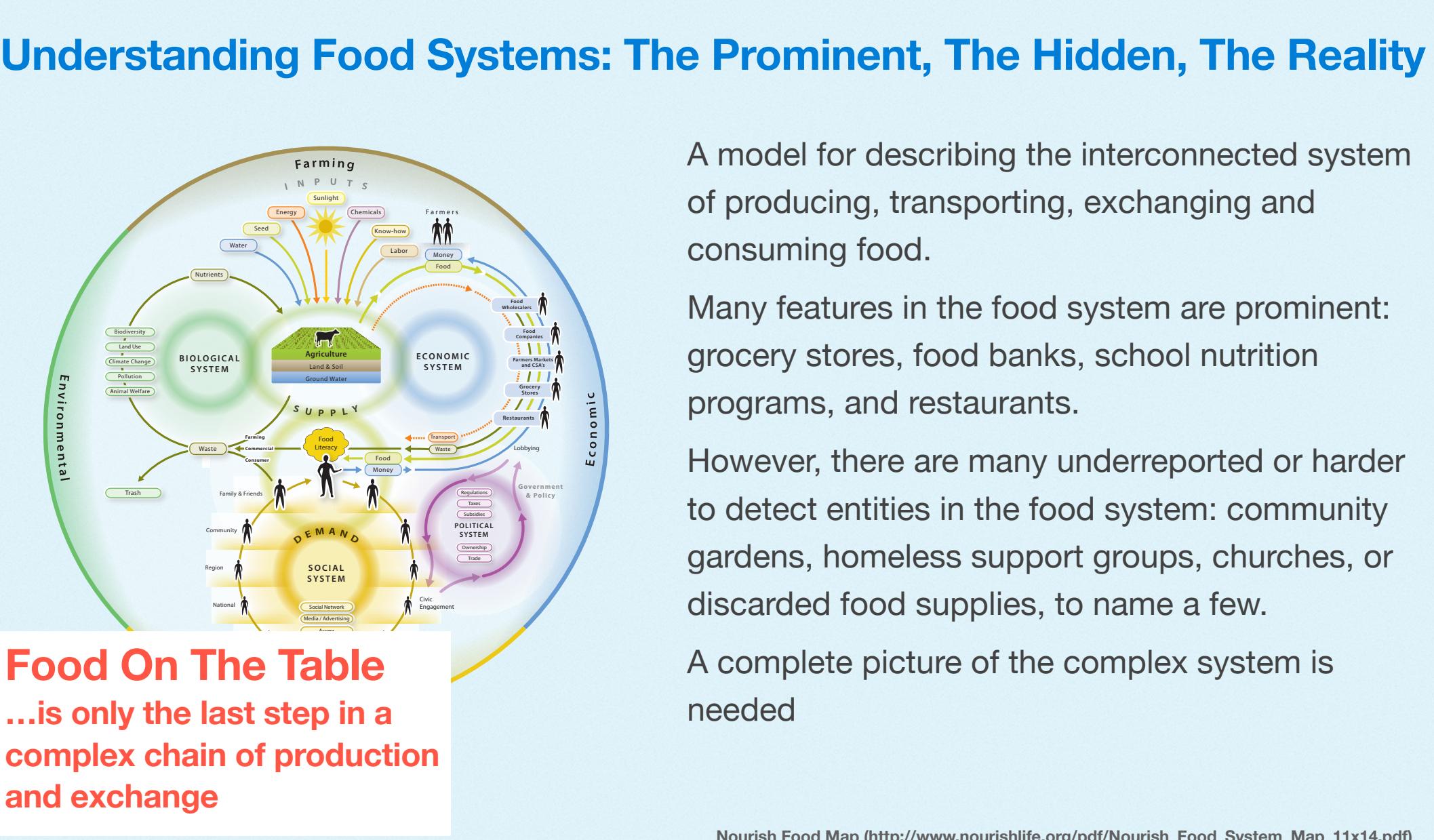
\* Feeding America "Map the Meal Gap" Study. Data released June 2013.

## Can We Fix It?

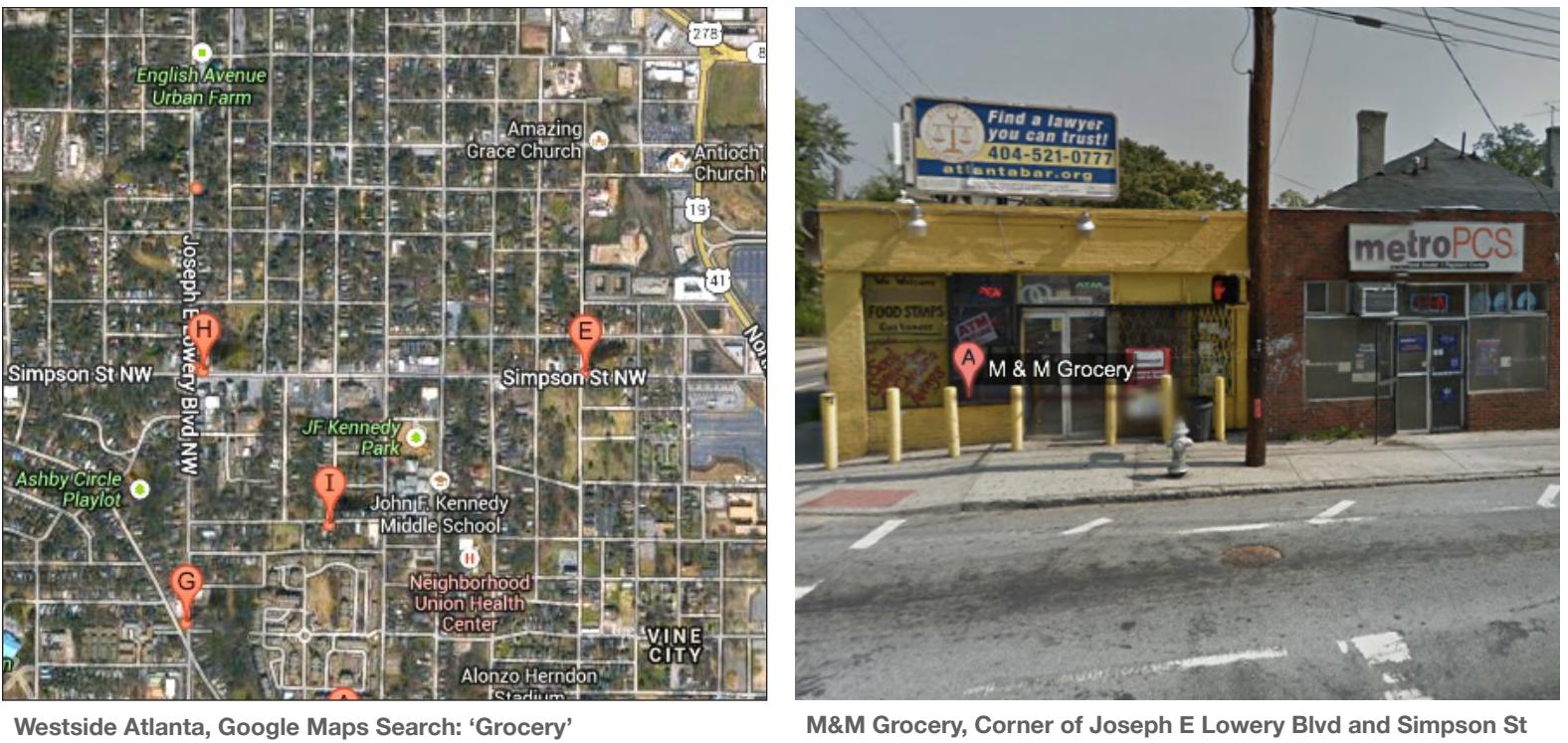
Food Banks  
Community Gardens  
Schools  
Policy Makers  
Universities  
Private Companies



are just a few of the organizations involved in local action on this issue that we want to support



## Westside Nutrition Challenges: Empty Maps and Corner Stores



Food access problems in Westside Atlanta neighborhoods like English Avenue and Vine City are more evident from within the system. Widespread nutrition problems are present, and stores do exist, but the healthy options are hard to find.

Food systems are diverse and change throughout economies, communities, and geographies. Where food insecurity occurs, solutions may depend on charting and evaluating hidden or deeply rooted issues.

To better solve the food access problem, organizations and people need to know what the situation actually is. Where are the healthy resources? Who are the needy? How can organizations collaborate?

## Simple Requirements

- Gather, Store and Share Data
- Reduce Duplication of Effort among groups
- Inspire Ownership and Cooperation by community

## How We Made It

Uses **open source software** libraries and toolkits, and designed for easy maintenance and deployment.

**Django** web application with a **PostgreSQL** database.

Responsive design using **Bootstrap** and **JQuery** for use on any device with a modern web browser.

**Leaflet.js** provides an attractive, reliable, open and free map toolkit.

## Suggested Uses

Organizations can hold **workshop** activities, set a data gathering game plan, and go out into the community and record the info they want and need!

**Anyone can use the public site**, create a named map, and populate it with interesting details.

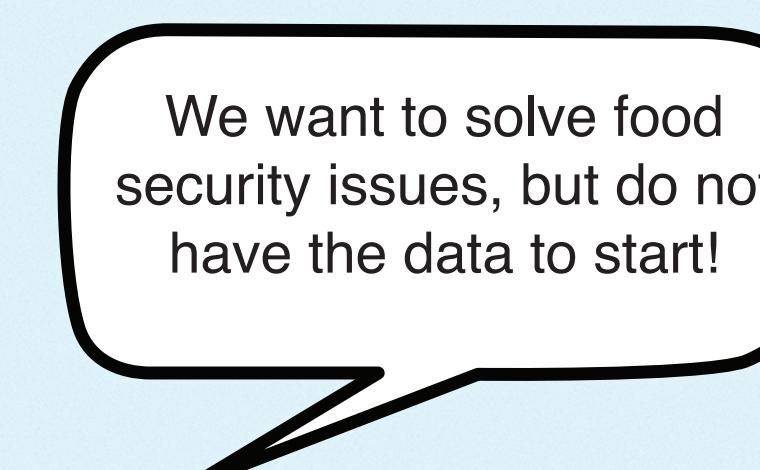
Anyone can take the code and run an instance **customized for their own organization**: open or secret.

## User Story

An organization example



Community Organization



We want to solve food security issues, but do not have the data to start!



Organizations can create a new map using the FoodMapper application



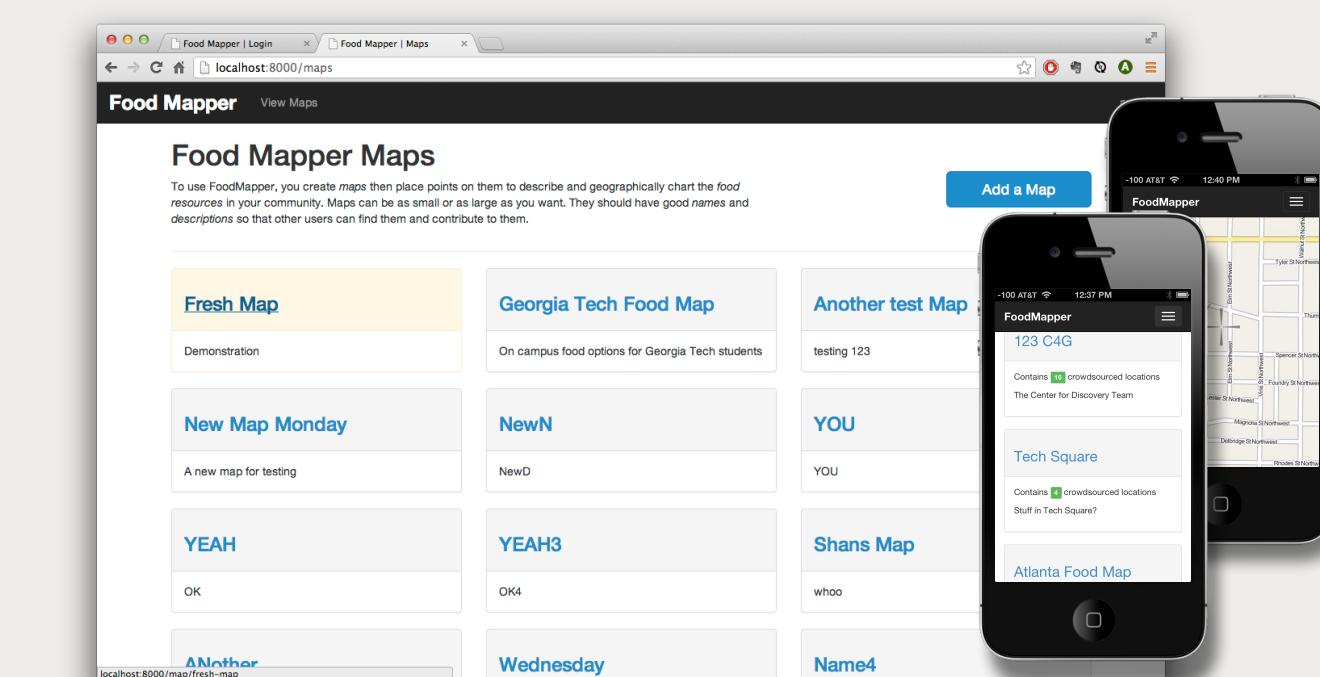
Volunteers can now collect data about food resources



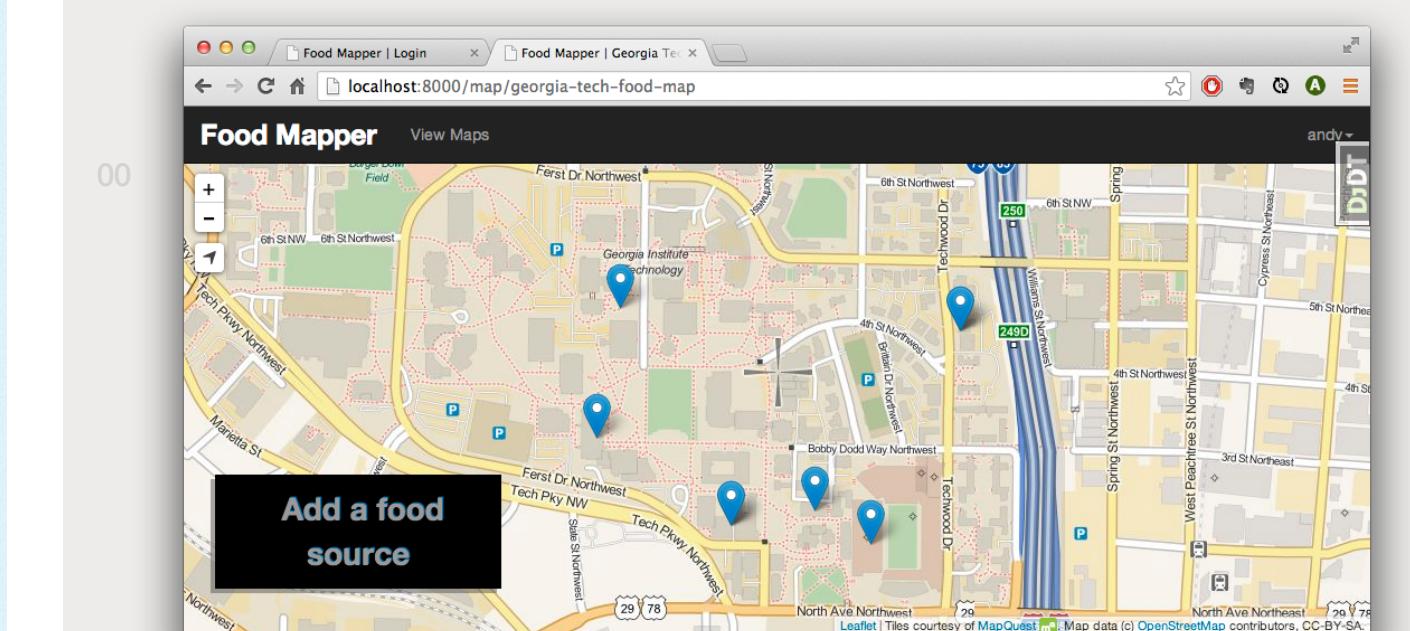
Data and dialogue about food resources are now available and exportable through FoodMapper

## Interface Design

Responsive, easy, and consistent UX.



Showing the view of available maps on the Chrome browser. 'Maps' are buckets for collecting map data.



The familiar view of a chosen map. The contained points are easily inspected, commented and edited. Tasks (below) use modal dialogs.

