FOOD SHARING IN CITIES
TRANSFORMING EATING IN THE ANTHROPOCENE?

1st International Sharing Workshop
Utrecht, June 4-5th 2015

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SHARING ELEMENTS IN SUSTAINABLE EATING SCENARIOS 2050

Smart Phone
for online food shopping and for use as scanners in green supermarkets and to give information on social, environmental and health implications of food products.

Allotments
Legal status of allotments and grow gardens is integrated in building and land zoning regulations. Everybody has the right to grow their own food.

Online Food Communities
where people share ideas, recipes, innovations and surplus food clumps.

Educated Eating
Green Co-op reduce over-purchasing of over / surplus foods.

Community Eating
Community Science provided by government for cooking, growing, eating together.

Grow-it-Yourself
Collective Grow Groups share knowledge and land.

Smart Eating
Fast Food easily available in canisters, shops and to order online.

Community Market
Local food and edible parks and Slow food events are very popular in 2050.

Meal Is A Treasure
Reconciliation as a tool and it is important to Compost Recycling of waste in composted and utilized in household and community gardens.

Shared Personal
High density living and

Consensus
consumption environment sustainability.
FOOD SHARING
A DICTIONARY DEFINITION

Have a portion of FOOD with another or others;
Give a portion of FOOD to others;
Use, occupy, or enjoy GROWING/COOKING/EATING jointly;
Possess an interest in GROWING/COOKING in common;
Tell someone about GROWING/COOKING (OED, 2014)

A LONG LINEAGE OF RESEARCH

“Food sharing is a fundamental form of cooperation that ... is particularly noteworthy because of its central role in shaping human life history, social organization, and cooperative psychology.” (Jaeggi & Gurven, 2013: 186)

“Humans share food unlike any other organism. Many other animals ... actively share food; however, the patterning and complexity of food sharing among humans is truly unique.” (Kaplan & Gurven, 2001: 1)

But what about contemporary food sharing in cities?
WHY SHARE?

LeftoverSwap

Benefits

• 40% of the food we produce goes to waste.
• 25% of us don't know our neighbors' names.
• 70% of us are overweight.
• 16% of Americans lack enough food for a healthy life.
• 99% of us don't need a second helping of life.

LeftoverSwap solves all of these problems.

With LeftoverSwap, there's less waste and fewer people picking through dumpsters: a win-win.
WHY SHARE?

Where neighbours share delicious homemade meals!
Eat better, split the cost, meet your neighbours.
FOOD SHARING ACTIVITIES IN CITIES

On-line scoping: Sharing Cities Network 54 cities (June 2015); 72 Sharing City Maps; Sharing networks & directories; Keyword searches for individual enterprises

Preliminary findings: 91 countries - 468 cities - >5500+ sharing enterprises - millions of sharers; 54 Networks/Multi-city enterprises

Analysis – How to cut the cake?
BY WHAT IS SHARED?

Redistributing under-utilized food:

- Surplus public or privately grown crops
- Surplus food from individuals or households (P2P)
- Surplus food from retailers or institutions (B2C)

Utilizing idling resources for food related purposes:

- Home-cooked food and cottage industries
- Space and appliances
- Exchanging food cultures
BY WHAT IS SHARED?

Sharing knowledge:

• Sharing information about wild or publicly available foods
• Sharing skills for food production and preparation

Sharing eating experiences:

• Sharing home-cooked food in homes

Food sharing activities are diverse and dynamic assemblages. A spectrum (Agyeman et al., 2013) of food sharing?
## SPECTRUM OF FOOD SHARING

<table>
<thead>
<tr>
<th>CONCEPT</th>
<th>E.G.</th>
<th>PATTERNING</th>
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<tbody>
<tr>
<td>MATERIAL</td>
<td>Recovery and recycling</td>
<td>Composting</td>
</tr>
<tr>
<td>PRODUCT</td>
<td>Food redistribution</td>
<td>Food banks</td>
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<tr>
<td>SERVICE</td>
<td>Product service system</td>
<td>Kitchen Libraries</td>
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<tr>
<td>WELLBEING</td>
<td>Collaborative lifestyles</td>
<td>Community Kitchens</td>
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<tr>
<td>CAPABILITY</td>
<td>Collective commons</td>
<td>Landshare</td>
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After Agyeman et al. (2013) Sharing Cities, FoE “Big Ideas”

OK, but what about **WHERE** sharing takes place?
## BY TERRITORIES OF FOOD SHARING?

<table>
<thead>
<tr>
<th></th>
<th>THINGS</th>
<th>SERVICES</th>
<th>EXPERIENCES</th>
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<tbody>
<tr>
<td><strong>INDIVIDUAL</strong></td>
<td></td>
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<td></td>
<td>Leftovers</td>
<td>Meal sharing</td>
<td>Food skills sharing</td>
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<tr>
<td></td>
<td><em>e.g. Cookisto, Greece</em></td>
<td><em>e.g. Eat With, Global</em></td>
<td><em>e.g. Good Cents Pantry, NZ</em></td>
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<tr>
<td><strong>COLLECTIVE</strong></td>
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<tr>
<td></td>
<td>Kitchen libraries</td>
<td>Food banks</td>
<td>Community growing,</td>
</tr>
<tr>
<td></td>
<td><em>e.g. The Kitchen Library, Canada</em></td>
<td><em>e.g. Bia Food Bank, Ireland</em></td>
<td><em>e.g. Dublin community growers</em></td>
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<tr>
<td><strong>PUBLIC</strong></td>
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<td></td>
<td>Gleaning</td>
<td>School meals</td>
<td>Edible parks</td>
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<tr>
<td></td>
<td><em>e.g. The Gleaning Network, UK</em></td>
<td><em>e.g. The Breakfast Club, Ireland</em></td>
<td><em>e.g. Incredible Edible Park, USA</em></td>
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After Agyeman et al. (2013) Sharing Cities

OK, but also other diverse “geographies” Distribution, scale, place & context
## BY MODES OF SHARING?

<table>
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<tr>
<th>IIUU?</th>
<th>GIFTING</th>
<th>BARTERING</th>
<th>ENTERPRISE</th>
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<tbody>
<tr>
<td>Skip surfing / Dumpster diving</td>
<td>Free food distribution e.g. Food Not Bombs</td>
<td>Community supported agriculture e.g. Local harvest</td>
<td>Not-for profit e.g. foodsharing.de</td>
</tr>
<tr>
<td>Freeganism e.g. Freegan Info UK</td>
<td>Food banks e.g. FoodCloud Ireland</td>
<td>Neighbourhood food stores e.g. Trade labour in-store for food</td>
<td>Shared dining e.g. Eat With</td>
</tr>
<tr>
<td>Foraging or Gleaning e.g. WildFruits, NZ</td>
<td>Sharing surplus e.g. leftoverswap USA</td>
<td>Food swaps e.g. Backyard Barter &amp; Soup Swap, USA</td>
<td>Community marketplaces e.g. Cookisto, Greece</td>
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**FUZZY BOUNDARIES**

... to be continued
“in a way, food sharing is the most social aspect of the sharing economy. Because food is perishable, and because it doesn't make sense to crisscross a city in pursuit of leftovers, donors and recipients often live close to each other.” Barbara Merhart, coordinator for Foodsharing.de
HOW IT WORKS

Welcome to CropMobster! A free service for everyone. By leveraging social media and “instant alerts” we spread the word quickly about local food excess and surplus from any supplier in the food chain, get healthy food to those in need, help local businesses recover costs, prevent food waste and connect our community in new and fun ways. Join our community today and get started!

IMPACTS & RECOGNITION

Below are just a few of CropMobster’s impacts, awards and recognition to date. We are humbled by the many honors and look forward to continue Changing Our Communities “One Alert at a Time!”.

- 2,000,000+ servings of local nutritious food saved from going to waste in Sonoma and Marin counties.
- 1,000,000+ pounds of premium local food saved from going to waste in Sonoma and Marin counties.
- 2014 US Congressional Honors For Environment and “Creating the CropMobster platform for the Benefit of All”
- 2014 Recipient: Red Cross “Real Heroes” Humanitarian Award (Gary Cedar & Nick Papadopoulos, Co-Founders)
- 2014 United Nations Delegate: UN Foundation, Global Accelerator Forum
- 2014 CA Food Waste Roundtable Board Member: CA Governor’s Office
- 2013 Grand Prize Winner: “Company Most Likely to Change the World” (Sierra Nevada Startup Challenge)
- 2013 First Place Winner: “Most Innovative Product, Food & Agriculture” (Sierra Nevada Startup Challenge)

Press & Media Mentions: Click here to view just a few of our press mentions, locally, nationally, and globally.
FINAL CRUMBS...

FOOD SHARING AS A FAMILIAR EVERYDAY SOCIAL PRACTICE

SOCIO-TECHNICAL DEVELOPMENTS – NEW SCALES AND SPACES
“Foodsharing is still on the edges of mainstream“ Newman (Leftover Swap)

CHALLENGE OF REGULATORY SOUP (ORSI, 2010)
Health, safety and labour rights important in food sharing
Fuzzy boundaries - gift, barter, or enterprise - scale and intention key

SUSTAINABILITY CLAIMS BUT LIMITED EVIDENCE BASE

FUTURE RESEARCH PLANS
- Typology of food sharing in cities
- Global database of city-based food sharing activities
- Multi-sited ethnographies of city-based food sharing
- Co-designing sustainability impact tools
- Backcasting for the future of city-based food sharing
THANK YOU

CALL FOR PAPERS:
Sharing Economies? Theories, practices and impacts
Cambridge Journal of Regions, Economy and Society:
http://cjres.oxfordjournals.org/
Editors: Anna R. Davies, Betsy Donald, Mia Gray and Janelle Knox-Hayes

Submit an abstract (max 500 words) : 15th June to:
landecon-cjres@lists.cam.ac.uk