Exploring ICT mediated Food Sharing in Smart Singapore

Monika Rut, Ph.D. Student
rutm@tcd.ie
www.sharecity.ie
18th ERSCP 2017
Singapore Research

- Four Case Studies
- Semi-Structured Interviews
- Participant Observation
- User Engagements
- Digital Ethnography
Overview

• Where does food sharing stand in smart food governance in Singapore?
• Who are the communities of food sharers in Singapore?
• What is the role of ICT in food sharing in the context of a smart city?
• Conclusions
Where does food sharing stand in smart food governance in Singapore?
Smart Food Governance in Singapore is based on four principles:
“executing effectively, working with markets, innovating systemically, involving the community as stakeholders”
(Centre for Livable Cities Singapore 2017)

And it is achieved through:
- Diversification of food supply
- Development of technologies
- Optimization of limited space
Balance Between Development and Identity

BY 2030

- Industry
- Infrastructure
- Special Use
- Reserve Site
- Open Space Recreation/Agriculture
- Institution
- Commercial
- Residential

Taken from: http://www.mnd.gov.sg/LandUsePlan/
“Kampons were able to accommodate two to three generations living in the same household. Housewives in the Kampong would spend time together cooking and preparing before meals. They would also do so as their kitchens were designed to be shared by more than one family in the village. Interaction was also done by sharing food recipes with each other.” (The Food Kampong 2050, Lina Fong)
Who are the communities of food sharers in Singapore?
Bottom-up Zoning Re-interpretation
Healthy and Sustainable Lifestyles
Culinary Heritage and Food Transitions
Wondering if Food Sharing can be a viable campaign to provide for the less fortunate and at the same time, minimize food waste. Imagine if whatever food that is in excess, can be channelled to those who need it or just want it. Maybe it can have HALAL, NON HALAL and VEGETARIAN options. Noted the need to address issues like food safety and traceability. But imagine the possibilities.
What is the role of ICT in food sharing in the context of Smart City?
Narrative of Feeding the City

“Edible Garden City champions the "Grow Your Own Food" movement in land-scarce and import-dependent Singapore”
Digital Kampongs

**Kheng Soo**
*25 July*
Harvested aloe vera for free! Way too much for my family to use. Location at Commonwealth. Please PM me if u like some

**Vinisha Khemani Kanjilal**
*7 July*
After a morning of trying to split my orchids and smack before a Better Breads pickup arrived Jess Ng and her cousin Swee Chu for some Thai Coriander and a very open exchange of green knowledge.

Would like to thank them for their generous gift of the sesame leaf plant [https://en.m.wikipedia.org/wiki/Perilla](https://en.m.wikipedia.org/wiki/Perilla) which I was able to share right away with a young pro-health customer

Suggested culinary uses: Barbequed chicken and sushi/sashimi. Trying to stay inspired by Korean reci... [See more](https://en.m.wikipedia.org/wiki/Perilla)
Disrupting Rules and Regulations

Terms of Service

We may cancel or suspend the accounts of users who violate these Terms or any applicable law or for any other reason at any time at all.

Listing for Sale or Sharing

All items listed for sale or sharing must be accurately described including but not limited to the descriptions of its sale price, quantity, ingredients, payment and delivery options.

You may not list any item which would contravene or cause us to contravene any applicable law or regulation, or that violates these Terms. You agree that in this event, you shall hold us harmless for any loss or damage that we suffer arising out of or in connection with this.

Food for sale or for sharing, you warrant that your Food and the offer for its sale complies with all regulatory requirements including but not limited to food hygiene, import, handling, safety and home-based businesses. In particular, you must comply with any rules or regulations concerning providing information relating to food allergy and safe periods for the consumption of your Food.
Conclusions

• Where does food sharing stand in smart food governance in Singapore?
  – City in a Garden, Zero Waste Nation, Circular Economy, Sharing Economy

• Who are the communities of food sharers in Singapore?
  – From Kampong Spirit to Digital Kampongs

• What is the role of ICT in food sharing in the context of a smart city?
  – Smart Nation (participatory ethos) vs Smart Citizens (collective responsibility)