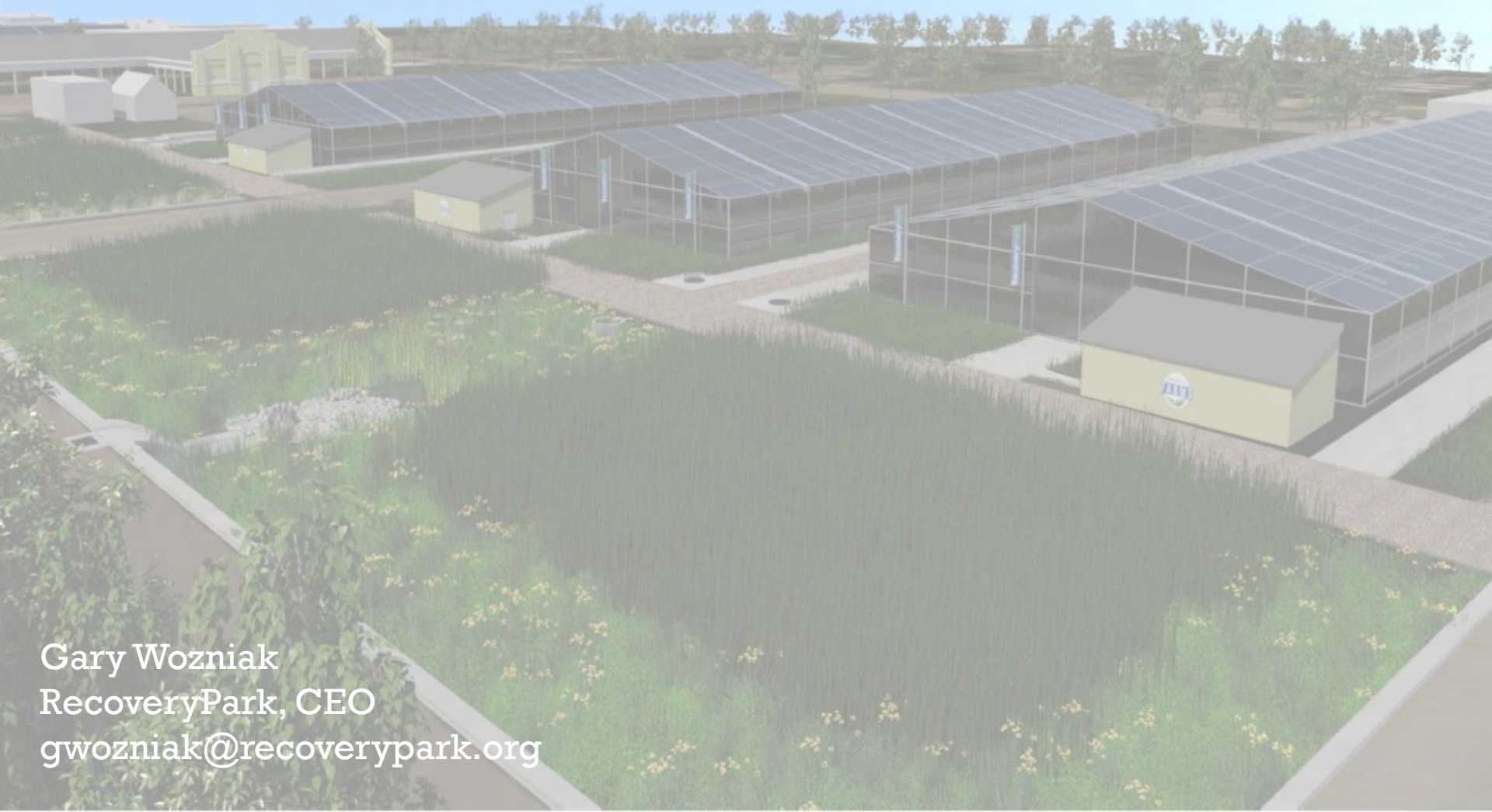
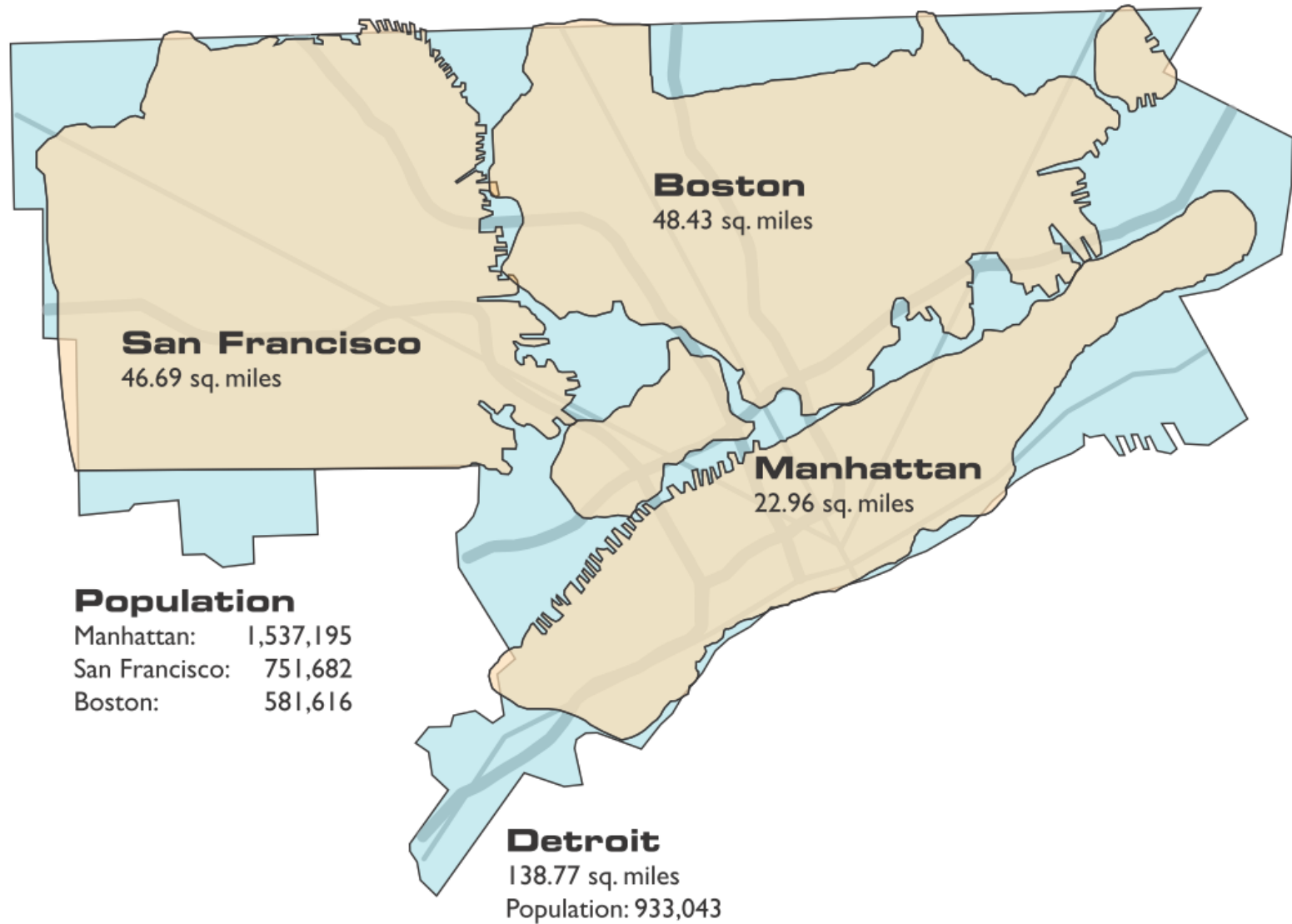


Urban Agriculture London's Food Future November 19, 2016



Gary Wozniak
RecoveryPark, CEO
gwozniak@recoverypark.org

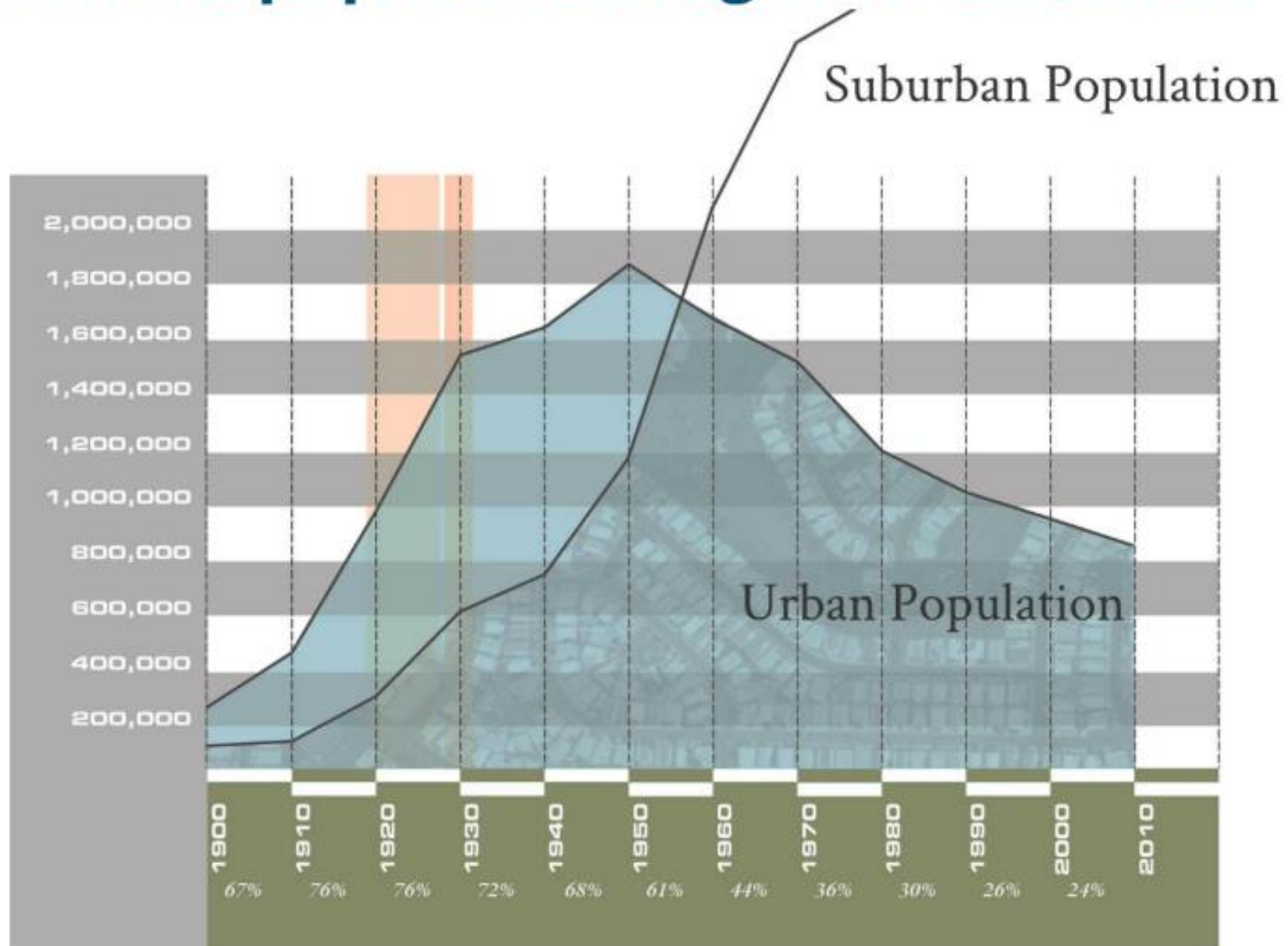
3 Major Cities can “Fit” in Detroit



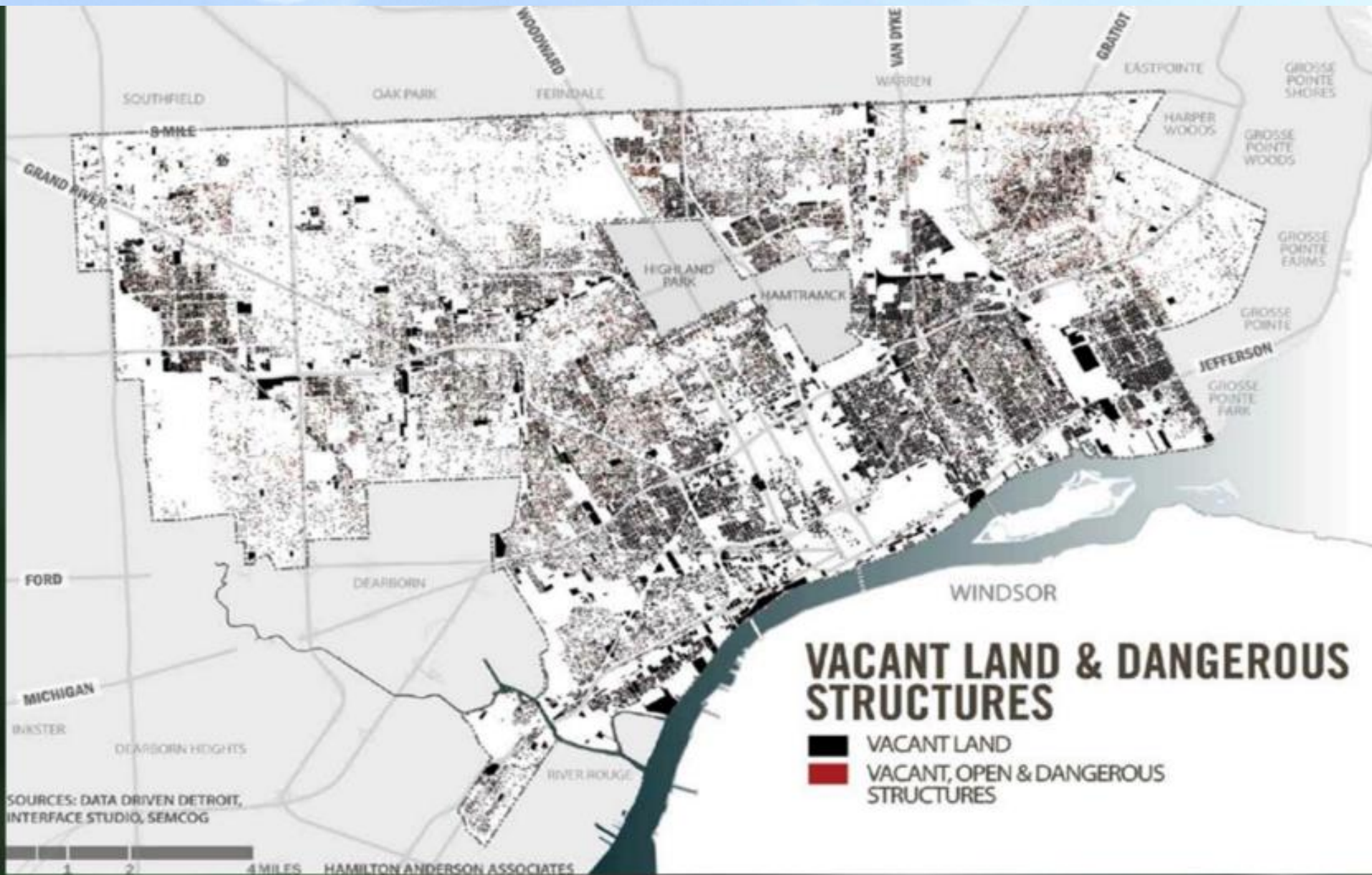
Detroit in the 1950's - 98% Built



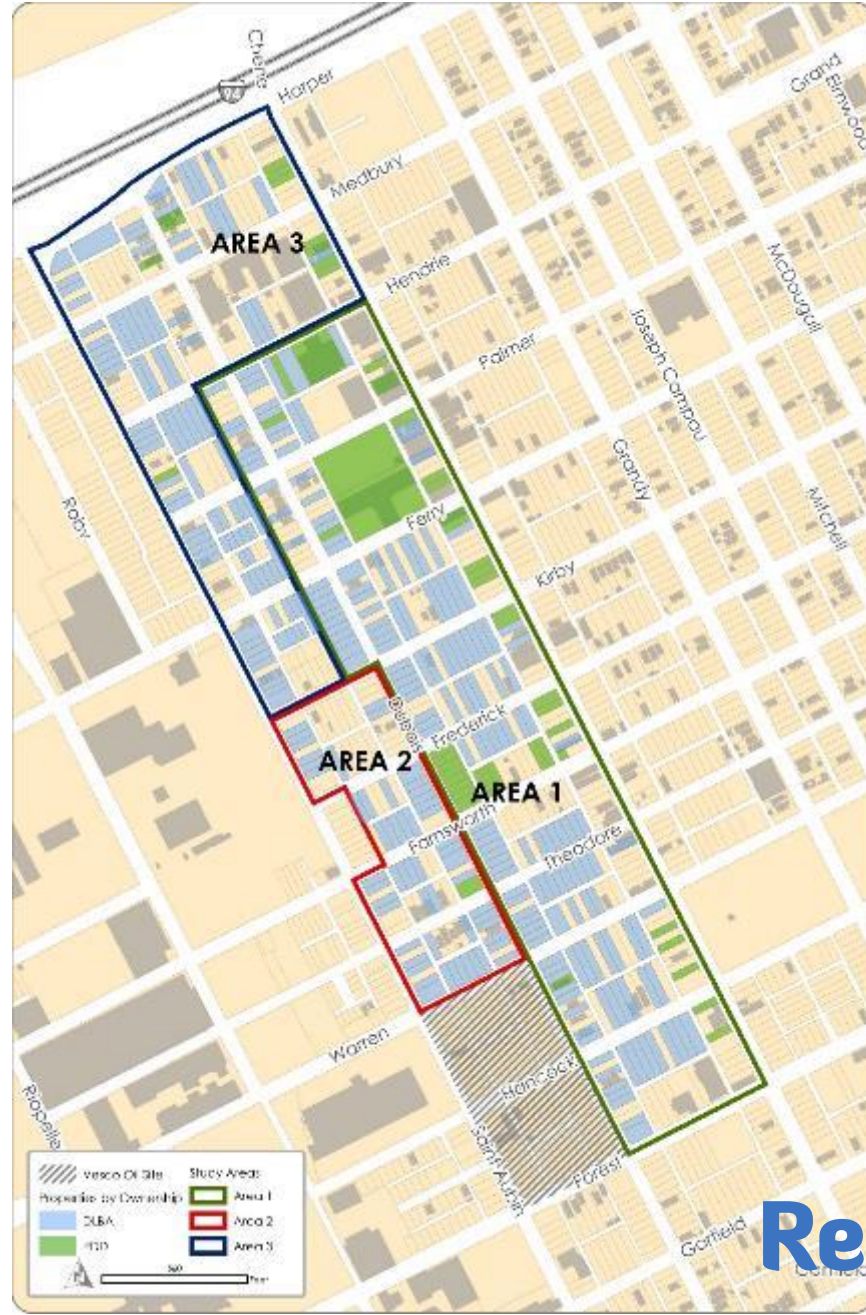
Then the population began to decline...



Depopulation and Abandonment



RecoveryPark Phasing





RecoveryPark

URBAN AGRICULTURE BENEFITS

COMMERCIAL FOOD SYSTEM CREATES JOBS

JOBS/ACRE

PRODUCTION



SOURCE: SHARRON DRUMMOND, FLICKR

GREENHOUSE-BASED¹

5.2
4-6.5 JOBS / ACRE

PROCESSING + DISTRIBUTION



SOURCE: GREEN.BLOGS.NYTIMES.COM

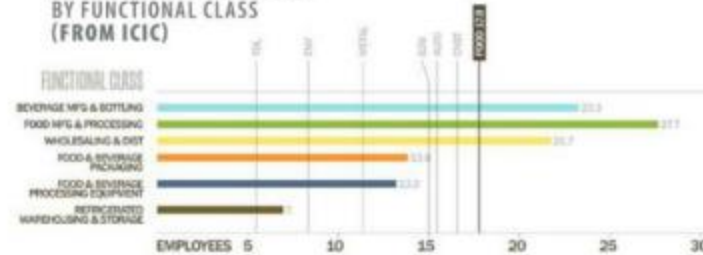


SOURCE: GLOBALGREEN.ORG

AVERAGE

17.8
17.8 JOBS / ACRE

AVERAGE EMPLOYEES / ACRE
BY FUNCTIONAL CLASS
(FROM ICIC)



CONSUMPTION



SOURCE: BLOG.MAKEZINE.COM

RESTAURANTS²

- ASTRO COFFEE
- LE PETIT ZINC
- MOTOR CITY BREWING WORKS
- MUDGIES DELI
- RUSSEL ST DELI
- SUPINO PIZZERIA
- ROAST
- AND OTHERS ...

SCHOOLS, UNIVERSITIES, + OTHER LARGE INSTITUTIONS

FOOD BANKS (LIKE GLEANERS), SOUP KITCHENS, AND SIMILAR ESTABLISHMENTS

RESIDENTS

SOURCES:
1 - ONTARIO GREENHOUSE INDUSTRY STATISTICS 2018 (13,040 SQ M AREA, 18,790 WORKERS) - ONTARIO MINISTRY OF AGRICULTURE, FOOD, AND RURAL AFFAIRS; LEAMINGTON PRODUCE (ONE EMPLOYE, 20 EMPLOYEES FOR A CREEK; OTHER ESTIMATES RANGE FROM 4/ACRE (ORGANIC SPECIALTY FARMS IN FLORIDA) TO 6.5 PEOPLE/ACRE (CANADA).
2 - [HTTP://DETROITAGRICULTURE.NET/WP-CONTENT/UPLOADS/2011/06/AGD-DINING-GUIDE-SUMMER-2011.PDF](http://detroitagriculture.net/wp-content/uploads/2011/06/AGD-DINING-GUIDE-SUMMER-2011.pdf); [HTTP://WWW.THEATLANTIC.COM/HEALTH/ARCHIVE/2012/10/WHEN-DETROIT-SAYS-ITS-LOCAL-IT-REALLY-MEANS-ITS/353015/SLIDES/](http://www.theatlantic.com/health/archives/2012/10/when-detroit-says-its-local-it-really-means-its/353015/slides/)

RecoveryPark

■ What is RecoveryPark?

- Idea incubated at SHAR in 2008
- Food production as basis for economic development
- Create accessible multi-skill level job opportunities
- Associate Support Platform (ASP) workforce development

■ How Does RecoveryPark Benefit Detroit?

- Repurposing underutilized assets
- Accessible jobs for citizens
- Growing Detroit's tax-base
- Increased neighborhood safety
- Family and neighborhood stability

RecoveryPark Statistics

■ 2016

- Selling to 20 Metro-Detroit restaurants
- Harvesting 30 products

■ 2021

- \$29 Million in Annual Sales
- \$30 Million in total capital investment
- 22 acres of climate controlled glass houses
- 9 acres of soil based high tunnels
- Fully integrated with GLRI – water management
- 171 full-time jobs at all skill levels



RecoveryPark's Technology Partners

- **NextEnergy** (NextChallenge 2015: Lighting Solutions)
- **Solartonic** (stand-alone solar street lighting)
- **Somnio** (ozone technology)
- **Priva** (high-tech greenhouse management systems)
- **Sustainable Water Works** (water harvesting and repurposing solutions)
- **DTE Energy** (micro-grid electric and gas solution)
- **Environmental Protection Agency (EPA)**
- **Michigan Department of Environmental Quality (MDEQ)**
- **NexTek Power Systems** (DC power-grid infrastructure)

RecoveryPark's Pilot Farm

2600 East Grand Blvd., Detroit



RecoveryPark

RecoveryPark's Pilot Farm

2600 East Grand Blvd., Detroit



RecoveryPark

RecoveryPark's Pilot Farm

2600 East Grand Blvd., Detroit



RecoveryPark

Examples of Indoor Growing



RecoveryPark



RecoveryPark



RecoveryPark

Looking Northeast, towards Chene Ferry Market
Current Conditions



RecoveryPark

Looking Northeast, towards Chene Ferry Market
GLRI



RecoveryPark

Looking Northeast, towards Chene Ferry Market
GLRI+ RecoveryPark



RecoveryPark

Looking East, Mid-block Alley
GLRI+ RecoveryPark



RecoveryPark

Looking North, Along Dubois
GLRI+ RecoveryPark
Residential Structures Included



RecoveryPark

Looking Southwest, Along Ferry Street
Chene Ferry Market

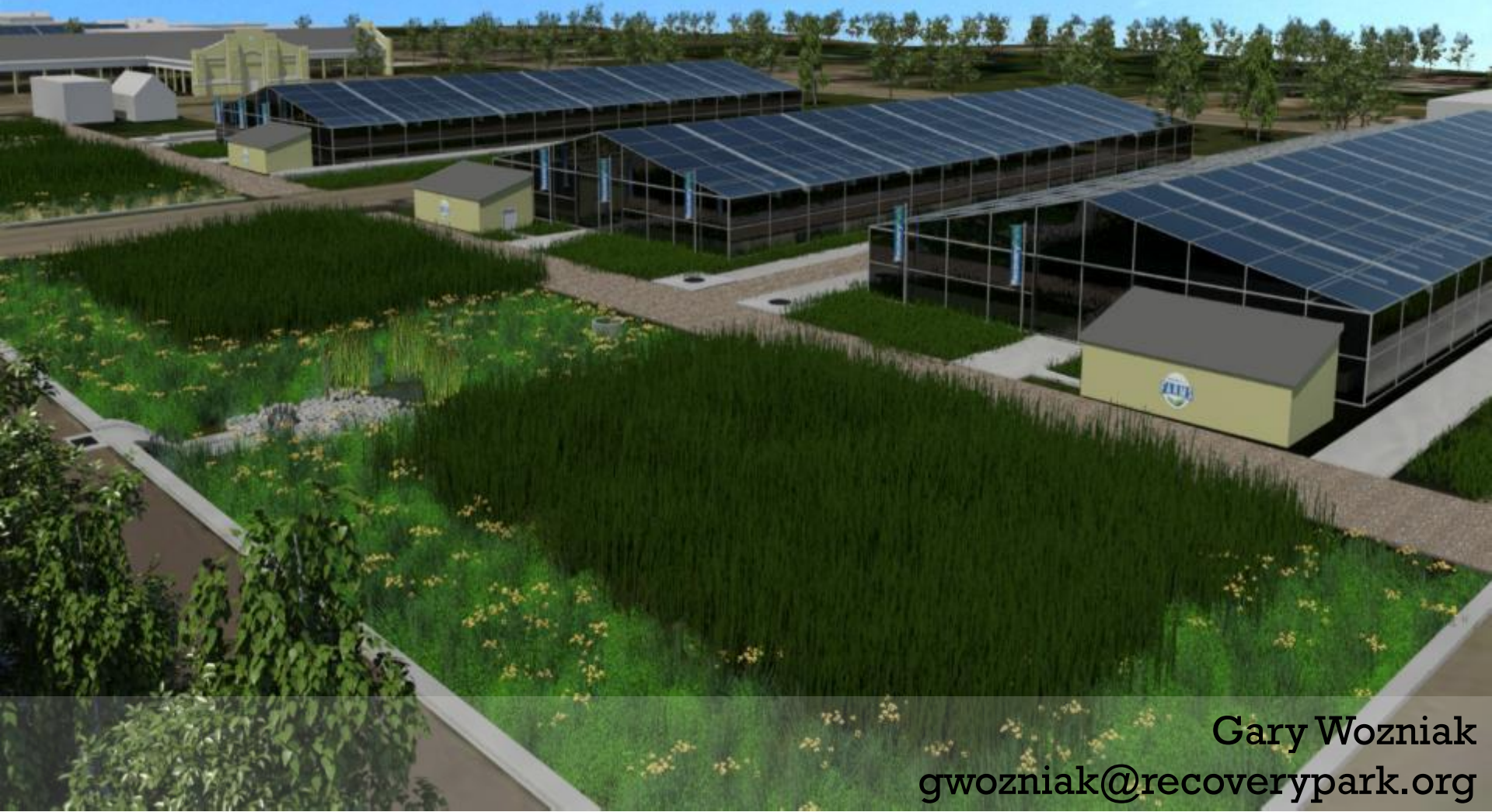


RecoveryPark



RecoveryPark 5-Year Plan

Questions and Answers



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