

Creating Cleveland's Urban Agriculture Innovation Zone

Jeffrey Sugalski

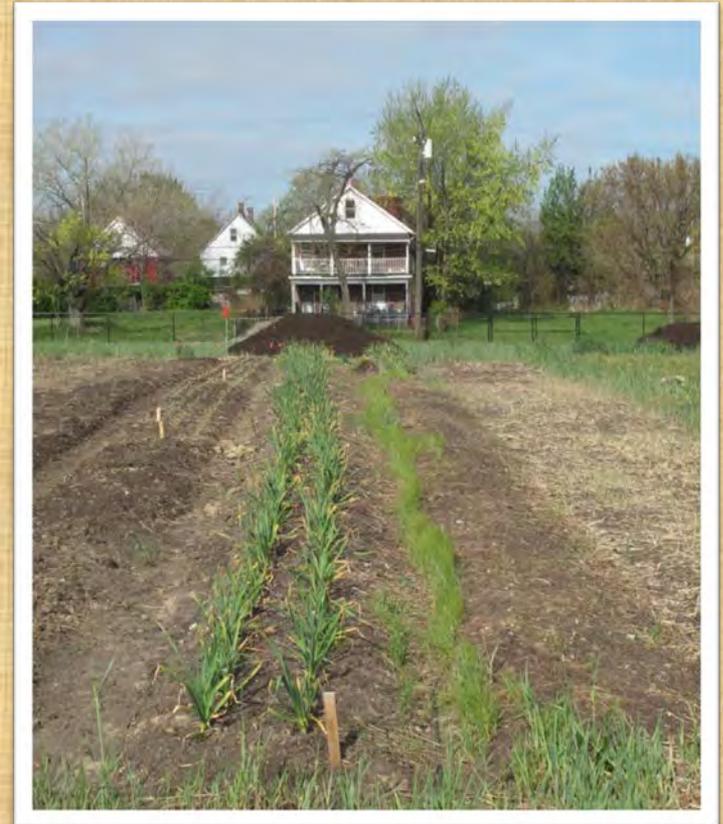
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Ohio Brownfields Conference • May 2012





Rid-All Green Partnership



OSU Extension Target Area







GILL



NO
PARKING
ANY
←
FIRE L

PRIVATE PROPERTY
NO DUMPING
ALLOWED
VIOLATORS WILL
BE PROSECUTED
3014 E. 83





E. 79th Street

E. 81st Street

Kinsman Avenue



Feasibility Study For a Proposed

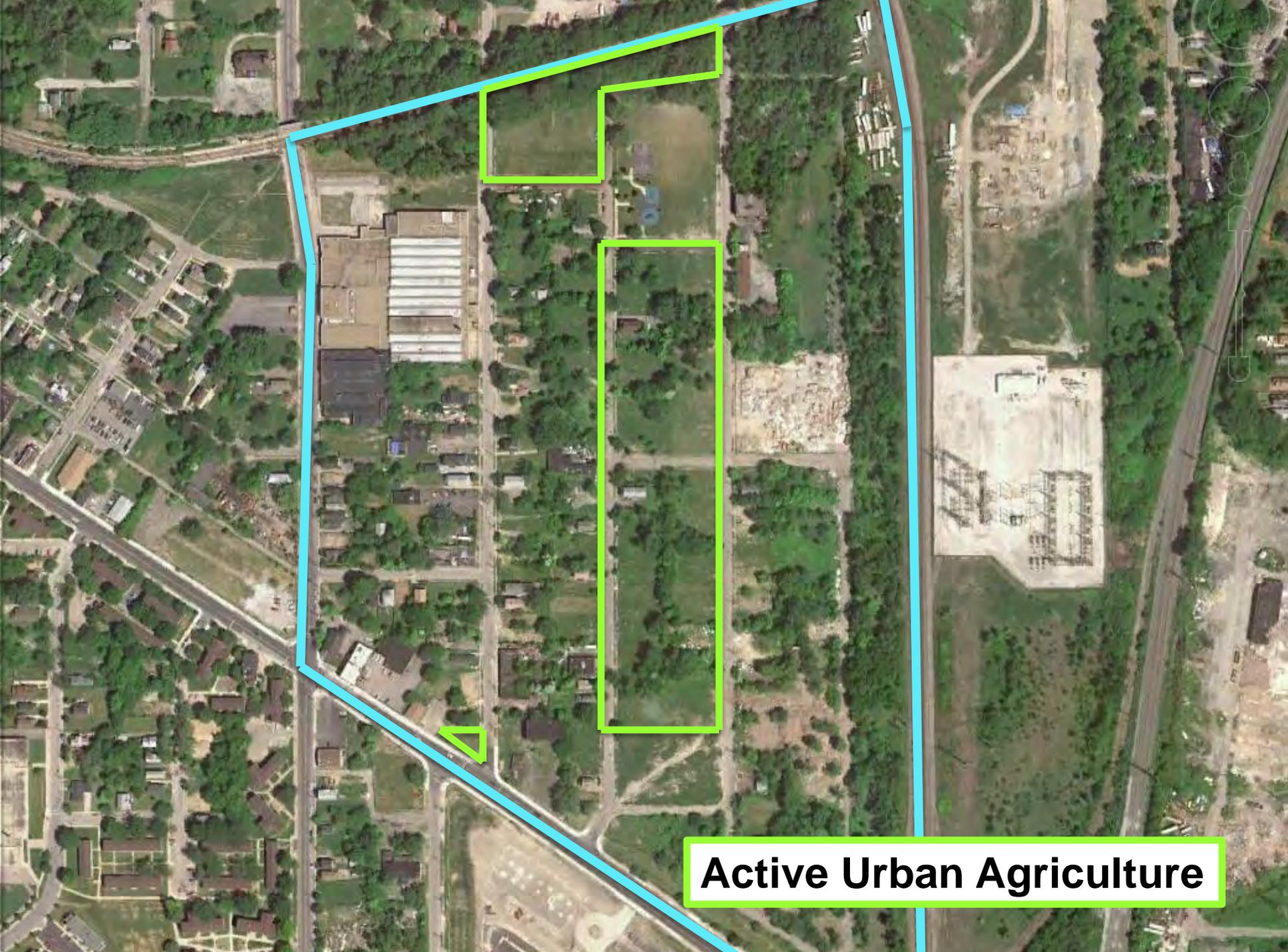
URBAN TREE FARM



GROWING A GREENER CLEVELAND

BURTEN, BELL, CARR
DEVELOPMENT, INC.





Active Urban Agriculture

RID-ALL
Environmental Science
Commercial Urban Agriculture
Regional Outreach Training Ctr
GREEN PARTNERSHIP
* 8129 OTTER AVE CLEVELAND OH 44105 *

Supported by
The City of Cleveland
Barry Hill, Cliff Development Corp
J.F. Morgan Charitable Bank Foundation
Office of Charitable Activities of Cleveland

green
n the ghetto



VERMICULTURE
(WORM) BIN







Urban Agriculture Innovation Zone Rid-All Green Partnership





KINSMAN FARM



WEST
CREEK
PRESERVATION
COMMITTEE



USDA

United States
Department of
Agriculture

BURTEN, BELL, CARR
DEVELOPMENT INC.







URBAN INNOVATION
AGRICULTURAL ZONE

SPEED
LIMIT
25



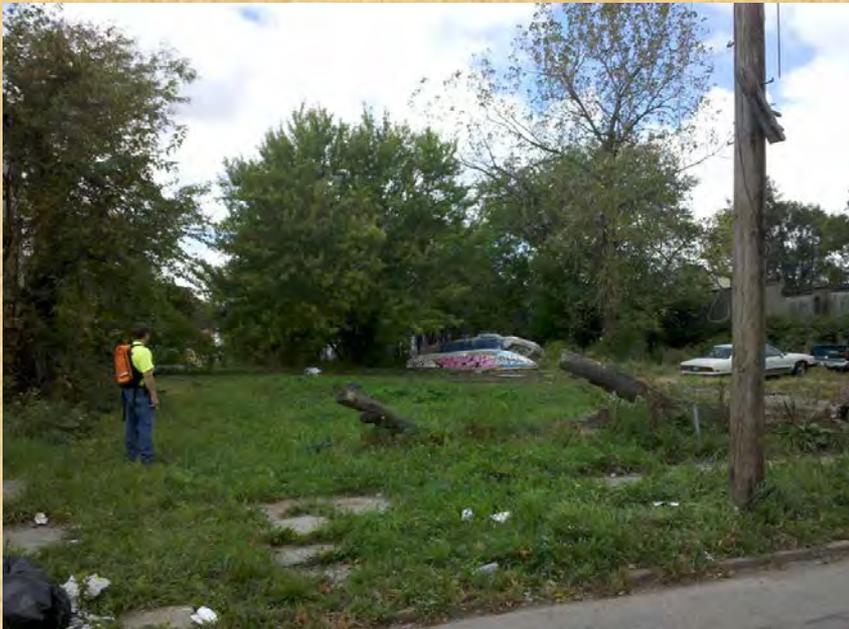


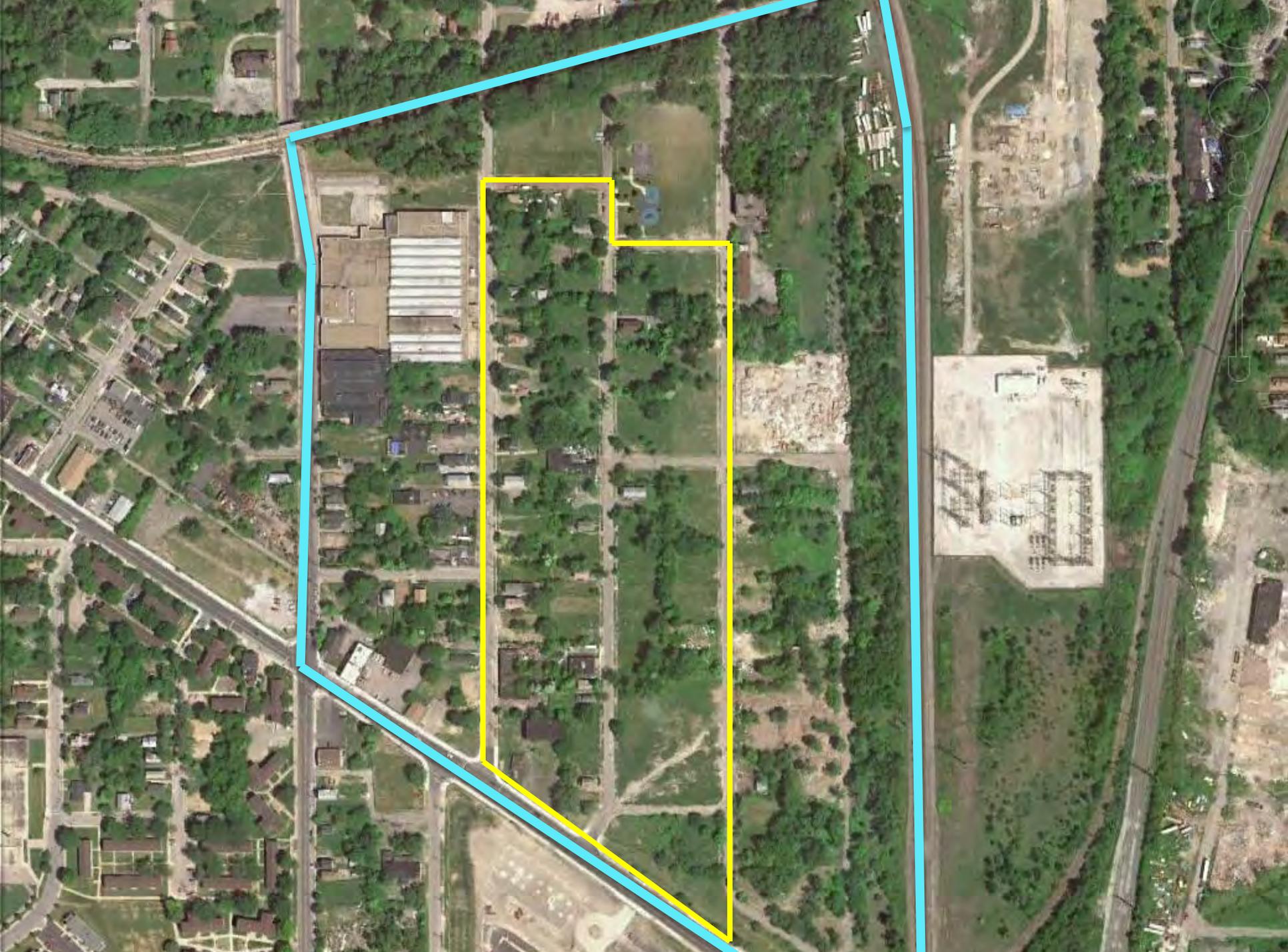
Environmental Assessments

City of Cleveland, Dept of ED funded Phase I & II

Phase I – Oct to Nov 2010

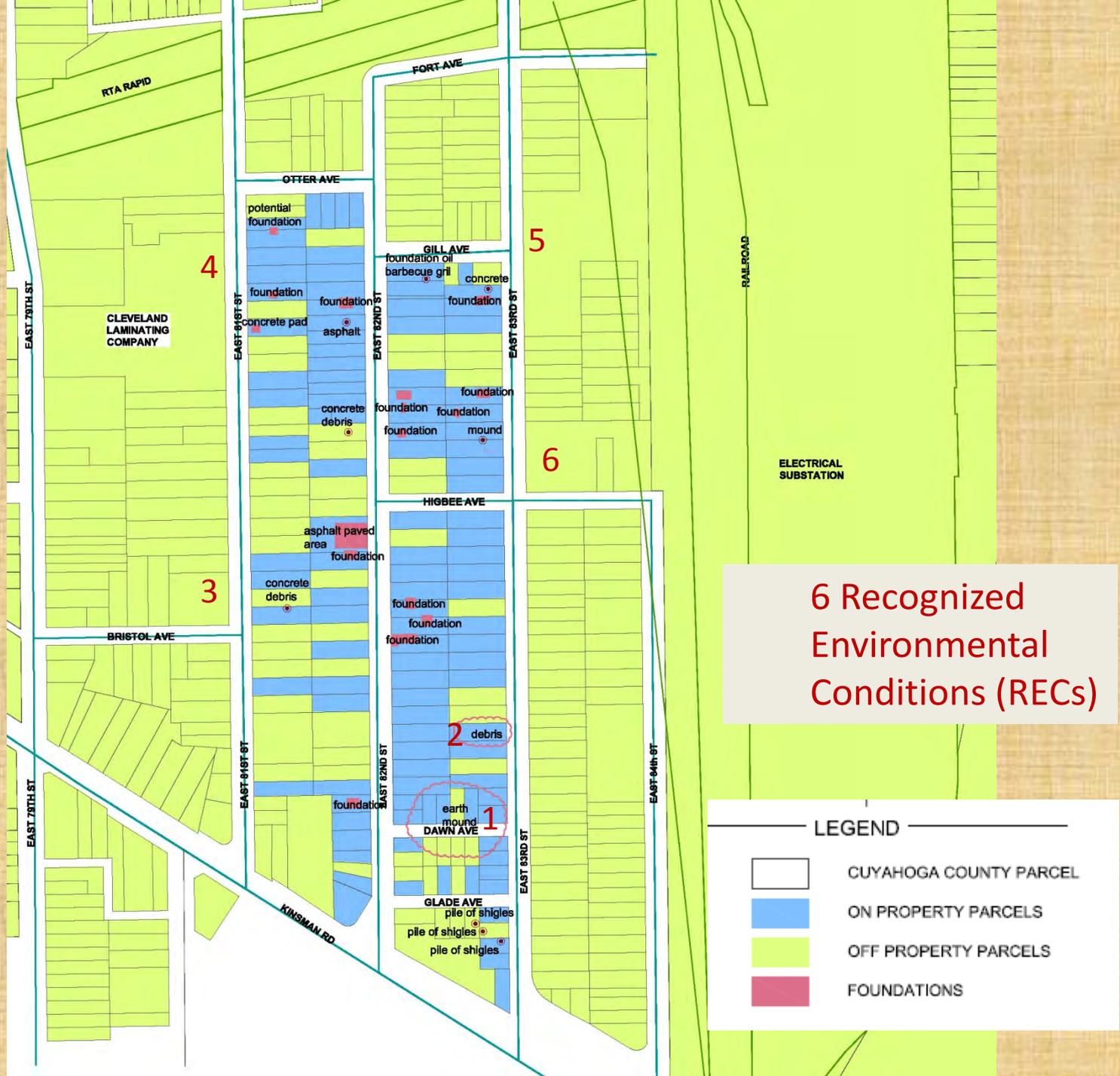
- 115 vacant parcels; 11 acres
- 1 block search radius





1952 Aerial





6 Recognized Environmental Conditions (RECs)

LEGEND

- CUYAHOGA COUNTY PARCEL
- ON PROPERTY PARCELS
- OFF PROPERTY PARCELS
- FOUNDATIONS

Environmental Assessments

VAP Phase II – Oct 2010 to Jan 2011

- Metals, PAHs, & PCBs
- Incremental sampling
- 19 Decision Units (DU)
- 30 soil samples in each DU
- Innovative data evaluation





Decision Units

Potential Receptors



Risk Assessment



Future Use

- Farm areas with no environmental concern
- Options to address other areas:
 - Use as non-planting (hardscape) areas
 - Remove & replace top 1.5 feet
 - Use raised beds
 - Re-evaluate w/ newer bio-criteria factors



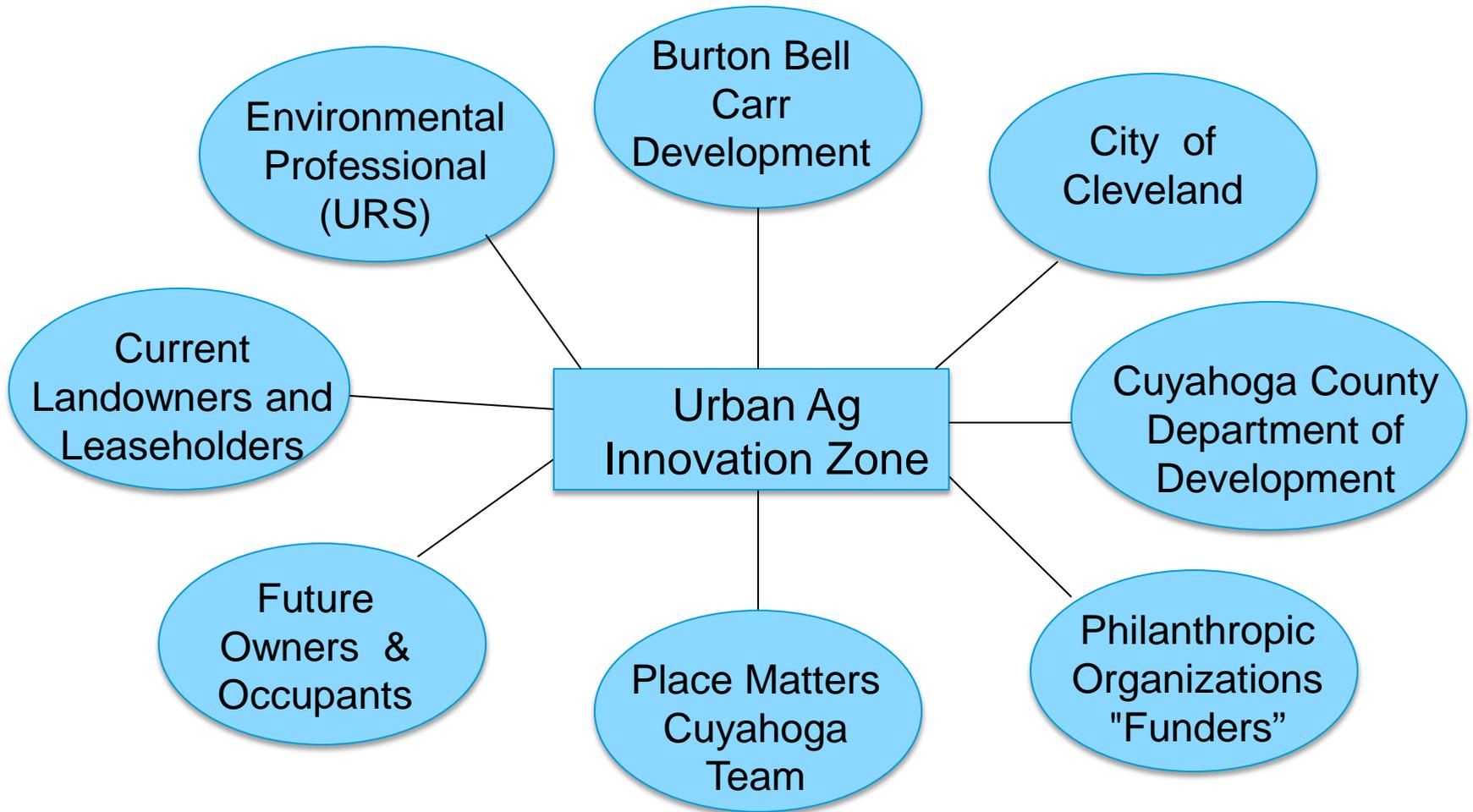
Redevelopment: Keys to Success

Key 1: Engage Stakeholders

Key 2: Utilize Evaluation Tools

- Environmental Studies (Current & Past)
 - Phase I and II conducted by URS
 - Area-wide Planning Study
- Health Impact Assessment [HIA] (Future)
 - Policy Based
 - Project Based

Key 1: Community Stakeholder Team



Place Matters Cuyahoga County

Purpose: *To inform/ influence/engage policy makers to use an “equity lens” and optimal health considerations in policy development.*

Which Includes:

- *Equitable access to resources/opportunities*
- *Shaping Health and Health outcomes*
- *Develop and implement community-based strategies to address social factors of health*

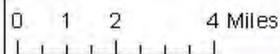
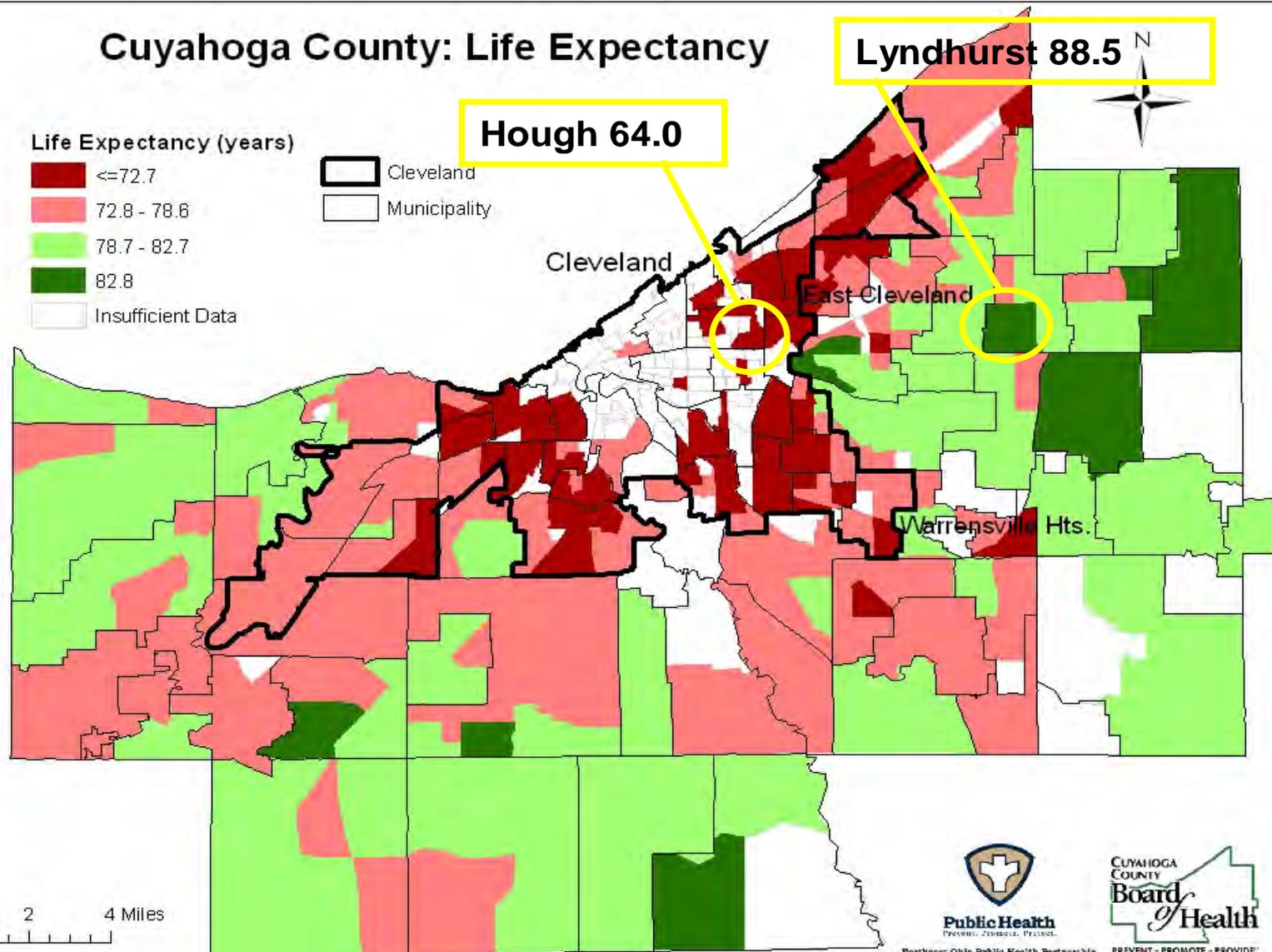
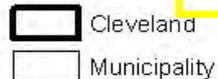
Cuyahoga County Development Plan (2011)

Vision: *Through innovation, education, strategic investments, and collaboration, Cuyahoga County is a place which offers opportunities for businesses to prosper and for residents to have meaningful, gainful employment, and to live healthy lives.*

Mission: *Improve the County's global competitiveness through economic growth and ensure that Cuyahoga County is a vibrant, healthy and welcoming place.*

Cuyahoga County: Life Expectancy

Life Expectancy (years)



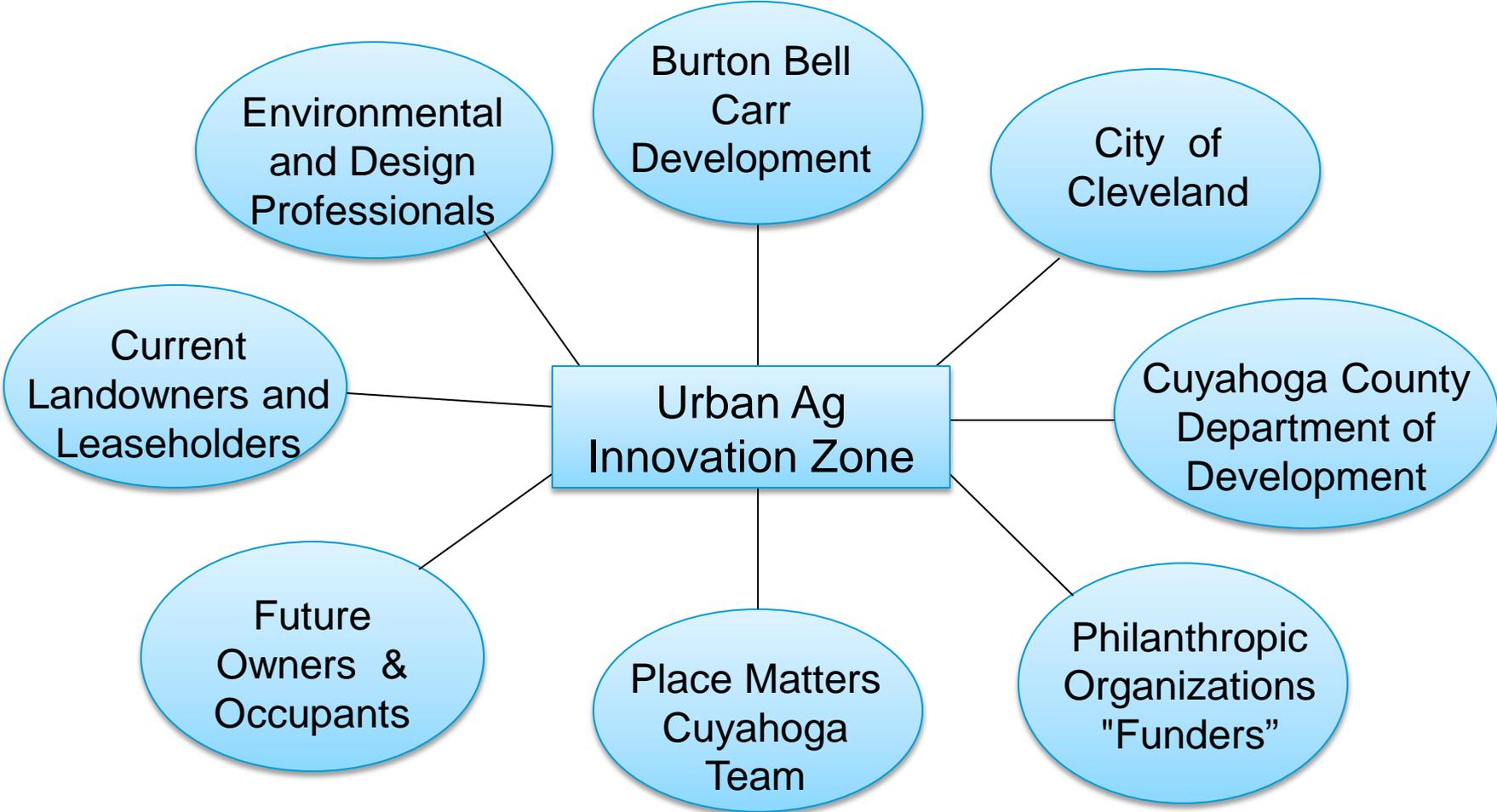
Key 2: Evaluation Tools (HIA)

Screening	Determines the need and value of a HIA
Scoping	Determines which health impacts to evaluate, methods for analysis, and a workplan
Assessment	Provides: 1) a profile of existing health conditions 2) evaluation of potential health impacts
Recommendations	Provide strategies to manage identified adverse health impacts
Reporting	Includes: 1) development of the HIA report 2) communication of findings & recommendations
Monitoring	Tracks: 1) impacts on decision-making processes and the decision 2) impacts of the decision on health determinants

Measurable Determinants - Examples



Stakeholders are the KEY to Success



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