

Growth Through Energy & Community Health

GTECH

Growth Through Energy and Community Health

Energy From Biomass & Waste Expo
Pittsburgh, PA.
October 2008

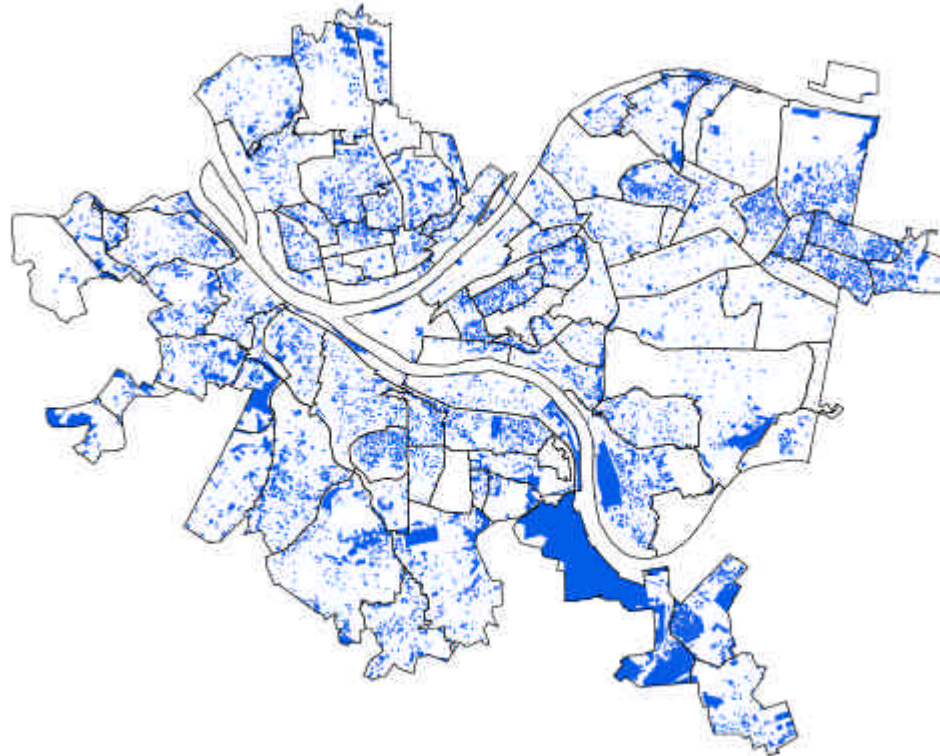
Outcomes

- GTECH
- Green Jobs
- Implications



14,102 Vacant Lots in Pittsburgh

What if the thousands of acres could be used in
A proactive, value-added manner...?



Source: Pittsburgh Neighborhood Community Information System,
Center for Economic Development, Carnegie Mellon Univ. 2005

Created by C.Koch, Fall 2016

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Demonstration, Research, Collaboration

April 2007



August 2007



*Thanks to Carnegie Mellon University, Meadville Land Services,
Monona Farms, & Ernst Conservation Seed

What is GTECH?

Growth Through Energy and Community Health

Social Enterprise addressing environmental problems to create pathways to prosperity

Reclaim Land through green strategies

Produce biofuel feedstock

Create platform for Green Jobs



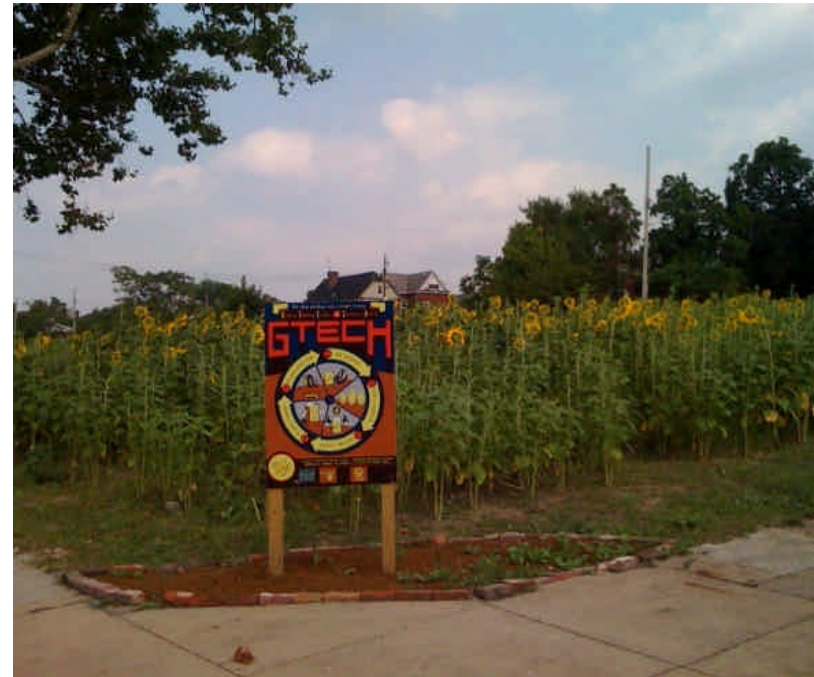
Impacting Places

Larimer, Pittsburgh

Partners include: The Urban Redevelopment Authority and Penn State Cooperative Extension of Allegheny County, The Community of Larimer, East Liberty Concerned Citizens Corp.



April 2008



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Growing Options, Building Community

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A Platform for Green Jobs

Steel City Biofuels



Fossil Free Fuels



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If everything we do is a choice....
what are the options?



The BIG Question?

HOW DO WE CREATE MORE
OPTIONS ?

The low hanging fruit

- If polluters pay, then someone gains
- Investments made in cleaner technology create new jobs
- Local resources are supercharged

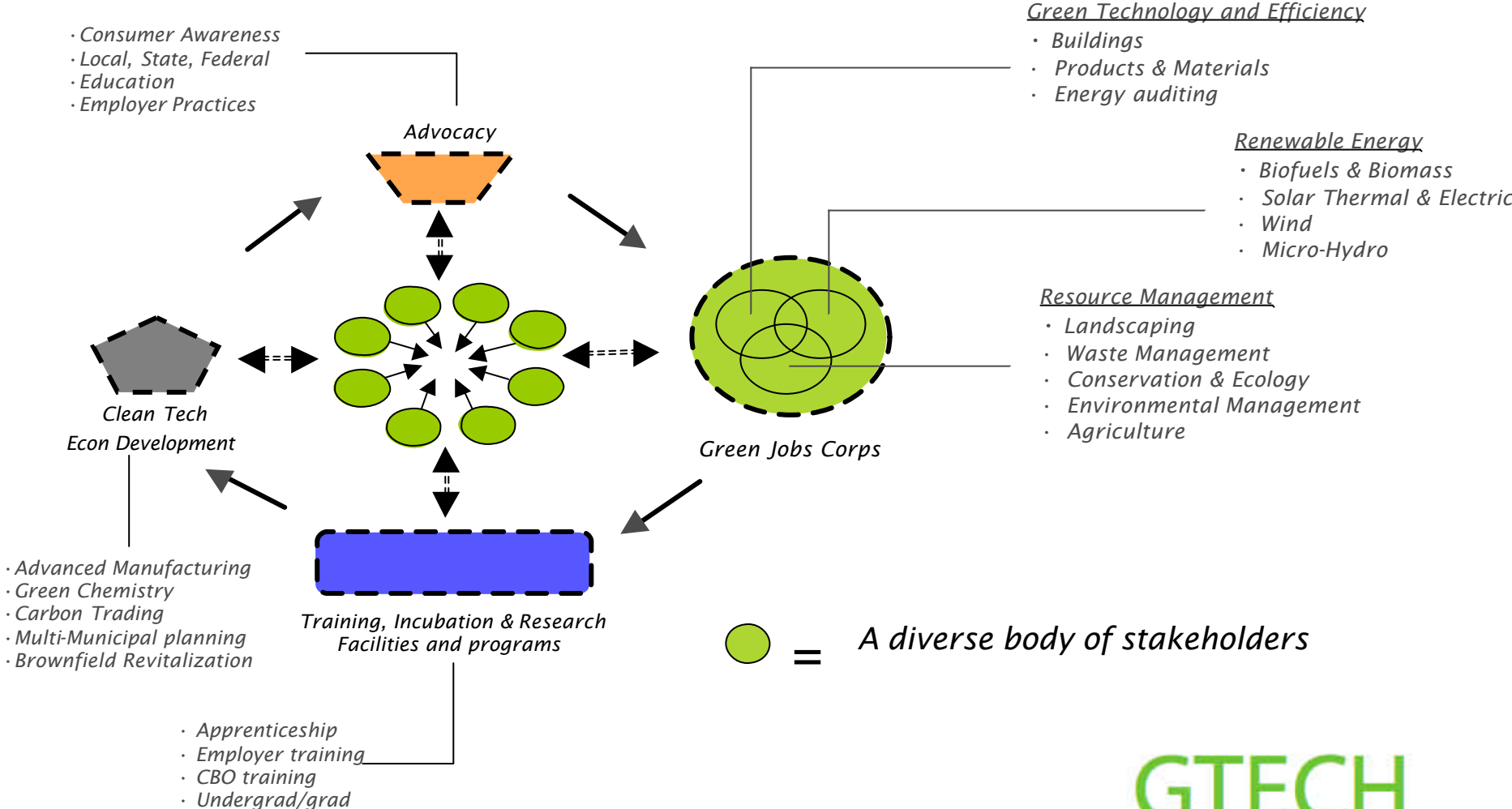
The Market Demand is Clear?

- In 2006 renewable energy and energy efficiency technologies generated **8.5 million new jobs**, nearly **\$970 billion in revenue**, and more than **\$100 billion in industry profits**.
- According to the National Renewable Energy Lab, the major barriers to a more rapid adoption of renewable energy and energy efficiency in America are insufficient skills and training

A Movement for Green Jobs is Thriving

- The Green Jobs Act of 2007: Authorized at \$125M/year (not appropriated)
- PA Energy Independence Strategy (\$850M)
- PA Energy Conservation Bill (
- Recent mobilization of over 700 communities nationwide to rally in support of Green Jobs (close to 800 people participated in 3 events in Pittsburgh last month)
- Increasing cross-sector collaboration

A Potential Model for Green Jobs in Pittsburgh



Next Steps For Workforce Development in The Green Sector

- Clear Definitions: A common agenda
- Promote & advocate policy incentives
- Create diverse cross-sector collaboration
- Conduct a targeted economic analysis to cultivate the data
- Ensure that there is strong emphasis on sustainability and equity.
- The resources are present, we have to make the connections !!!