

Pathways out of Poverty Preparing the U.S Workforce for Green Jobs

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NARC

Building Regional Communities



Thanks to the Department of Labor

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Manufacturing Economy in Transition





POPULATION

- Ohio = 11.5 Million
- MVRPC - MPO Area = 800,000
- Montgomery County = 530,000
- City of Dayton = 150,000 (down from 260,000)
- Regional population flat since 1970s, Dayton's continues to decline

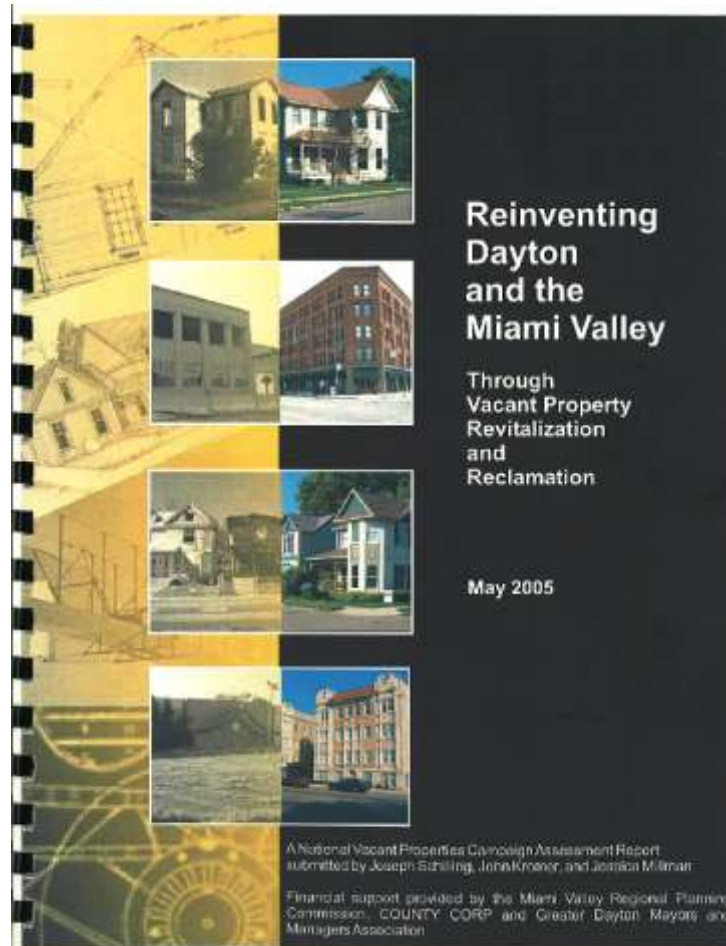
Some Regional Challenges

- Anemic population growth
- Loss of manufacturing jobs
- High unemployment (12% in urban county, 30% in targeted PUMA)
- Older housing stock, some obsolete
- Large number of vacant housing units (15,000 in City of Dayton alone)

15,000 Vacant Housing Units



MVRPC - Study Co-Sponsor



Some Regional Assets

- Willing workforce (skilled and unskilled)
- Low cost of living and short commutes
- Multiple higher-ed opportunities (ex: SCC)
- High-tech, defense-related companies
- Crossroads of America (I-70, I-75)
- Water, water, water
- *Many vacant structures can be “mined” for reusable materials*

Our Community-Based Partner: East End Community Services

Dayton, Ohio

“Our mission is to bring about a prosperous, healthy and caring community.”



Deconstructing Houses – Reconstructing Lives

- Take vacant structures
- Add in disadvantaged but motivated workers
- Mix with training and wrap-around support services
- Leverage resources and you get:
 - A Green Workforce Development Opportunity
 - Pathways out of Poverty funded by the DOL; in partnership with NARC

Deconstruction Team Member



Deconstruction Team Leader



Weatherization Technician



Weatherization Team Leader



Green Remodeling Team



Building Performance Specialist



High Efficiency HVAC Technician



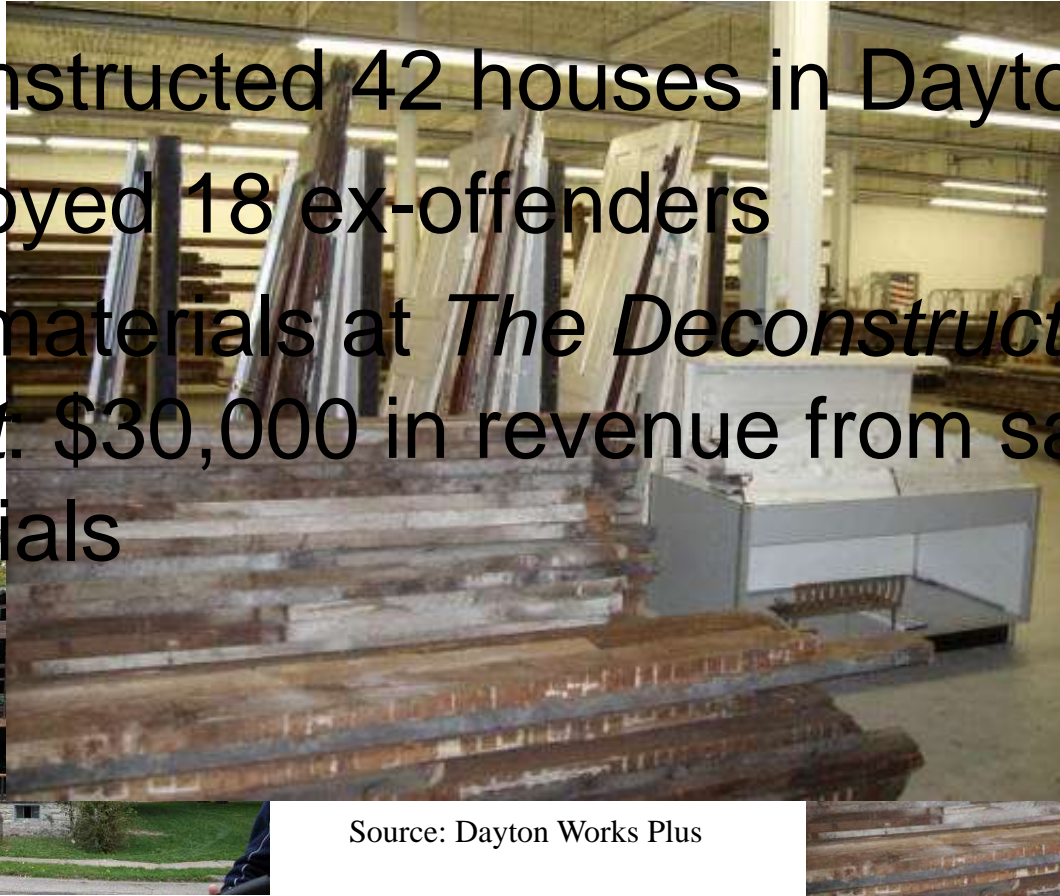
Solar Installer





Dayton Works Plus, LLC

- ♻️ Deconstructed 42 houses in Dayton, 09-10
- ♻️ Employed 18 ex-offenders
- ♻️ Sold materials at *The Deconstruction Depot*. \$30,000 in revenue from salvaged materials



Source: Dayton Works Plus

Source: Dayton Works Plus



Source: Dayton Works Plus



Emerging Materials & Markets



Source:

http://www.concretenetwork.com/concrete/sustainable_living/images/section3_c.jpg

Source: Dayton Works Plus



Source: <http://www.daytonworksplus.com/news/dayton-news/dayton-works-plus-landscape-removal-with-the-help-of-power-tests-522879.html>

Source: Dayton Works Plus

Questions?