



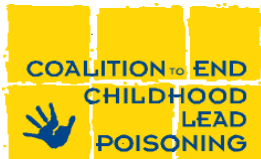
Green & Healthy Homes Initiative

The Green and Healthy Homes Initiative

A Public-Private Partnership Initiative to Spur Innovation to Produce Healthier, Safer, Energy Efficient Homes

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Executive Director

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Green & Healthy Homes Initiative

The Green and Healthy Homes Vision

- GHHI is designed as a comprehensive approach to offer integrated health, safety, lead hazard reduction, energy efficiency, and weatherization interventions in low to moderate income homes.

- Maximizes public and philanthropic investments for 5 major benefits:
 - ✓ Government innovation in service delivery
 - ✓ Development of sustainable community-based “green collar” jobs and social enterprise
 - ✓ Creation of stable and sustainable green and healthy homes in low-income neighborhoods
 - ✓ Measurable improvements in health outcomes for children and families
 - ✓ Wealth Retention and Foreclosure Prevention

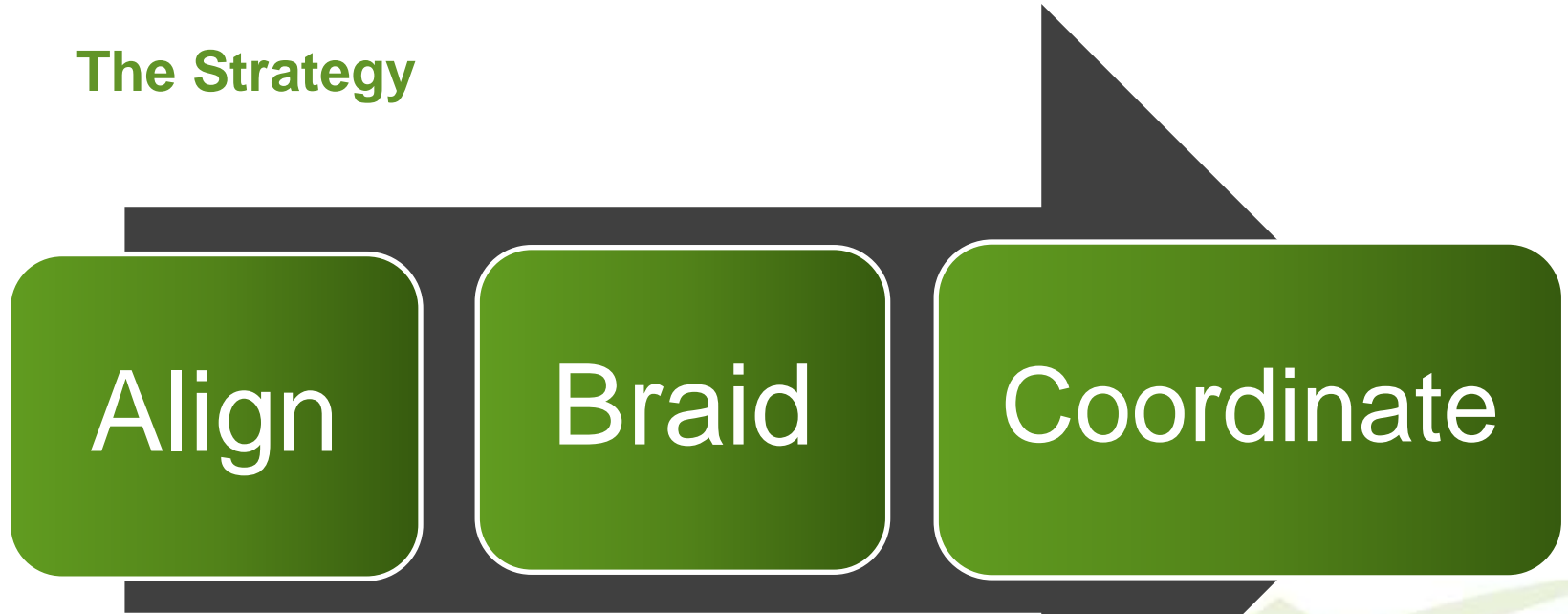
By the Numbers

- \$174.3 Million in WAP
- \$120 in Lead Hazard Control and Healthy Homes
- This alone is a good start but –
- Multiple Agency pipelines for alignment for housing intervention
- \$25 Billion in Philanthropic Investment
- \$972 Billion in federal funding to promote grade level reading and educational advancement



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The Strategy



The ABC's of GHHI



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GHHI Pilot Projected Outcomes

During the initial 2 years, GHHI will produce:

- Over **3,500** Comprehensive Assessments
- Over **3,500** Green and Healthy Homes Interventions
- Between **250-500** units per site
- Over **1,400** high quality green jobs nationally through GHHI trainings and certifications (Metric determination underway)

Housing improvements in 3,500 homes is expected to produce:

- Energy savings of **\$350** for a total of **\$1,225,000** per year;
- Health care savings from asthma of **\$247,300,000** per year;
- Health care savings from lead of **\$68,400,000** per year;
- Health care savings from injury prevention of **\$2,865,625** per year;
- Total savings of **\$319,790,625** per year



**\$35M
investment**

**...results in annual reductions in health
care expenses**



**Injury
\$2.9M**



**Lead
\$68.4M**



**Asthma
\$247.3M**

**\$318.8M Total
Health Care
Savings**



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GHHI Results to Date

- Unit production is underway (**955 units to date, 2356 in pipeline**) in most sites, other sites have begun pulling together resources and infrastructure
- Organizations such as the U.S. Conference of Mayors and Living Cities and corporate and philanthropic foundations have committed over **\$20 million** to support local GHHI efforts
- ✓ Health and Safety Benefits (reduced ER visits and hospitalizations)
- ✓ Energy Consumption reductions (~\$360/year)
- ✓ Efficiency and cost savings (20-25%)
- ✓ Increased Access to Resources for families (one stop shop)
- ✓ 500 persons trained Green and Healthy assessments and interventions (Wage increases from \$9 to \$15-\$22 per hour)



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**Current
State**

3,500
homes

Adoption of GHHI National Standards

Compacts National and Local

Philanthropic/Private Sector Support

Workforce Training and Certification

Marketing, Branding and Movement

Medicaid/Health Care Reimbursement

New Finance Tools and Standards

**Future
State**

500,000
Homes

-
National
Standard

HUD SHHIP & GHHI

	SHHIP	GHHI Compact
Partnership and collaboration	Include at least one unit of state or local government, and one private, non-profit partner (i.e., local foundation)	Implementing the goals & principles will require partnership of many parties, including Mayor's Office, County Executive, city, county dept., state, federal agencies, non-profits, foundations, etc.
Sectors	Must include each of the following service disciplines: housing rehabilitation, energy efficiency, and healthy home/lead hazard control	Comprehensive approach to offer integrated health, safety, lead hazard reduction, energy efficiency, and weatherization interventions
Mission / Goals	<p>Must have a primary mission that encompasses:</p> <ul style="list-style-type: none"> -Improving housing in a manner that is environmentally sustainable, healthy and safe -Increasing the local workforce of healthy building professionals -Improving the health outcomes of the community, particularly children and the elderly -Improving the way in which services are delivered to the residents of the community 	<p>GHHI maximizes investments for 5 major benefits:</p> <ul style="list-style-type: none"> -Creation of stable, sustainable, green, healthy homes -Development of sustainable community-based "green collar" jobs and social enterprise -Measurable improvements in health outcomes for children, seniors, and families -Government innovation in service delivery -Wealth retention and improved property values
Methodology / Implementation	<ul style="list-style-type: none"> -Provide single point of contact for services -Utilize HUD Healthy Homes Rating Tool (HHRT) -Support common multi-disciplinary workforce training -Report data in a standardized manner into common system -Provide service delivery in unified manner -Identify & eliminate barriers to effective service delivery 	<p>Partners agree to:</p> <ul style="list-style-type: none"> -Work to replace stand-alone programs -Support use of comprehensive assessment tools -Support cross-training of Healthy Homes Related Inspectors and Contractors -Align programs, braid funds, & coordinate agencies -Support coordination of housing intervention efforts & work to remove barriers -Support efforts to share data & information, & develop common metrics

How individuals Experience The Current Model

Old allergen-ridden carpets



Water leaks creating mold hazards



Deteriorated inefficient windows



Defective gutters causing water leaks



Broken hot water heater and furnace



Chipping paint



Safety hazards



Air loss increasing heating bills



Asthma related medical costs were substantial due to Dwayne going to the ER or being hospitalized 4-5 times per year. Home heating costs and repairs were so expensive that the family couldn't afford to pay to repair the furnace or replace the hot water heater

How individuals Experience The Networked Platform

Carpets removed and allergens reduced



HUD (HHDP)

Mold remediated; dehumidifier installed



HUD (HHDP)

Energy Star windows installed



HUD (HHDP)



Gutters and downspouts repaired



New furnace and hot water heater installed

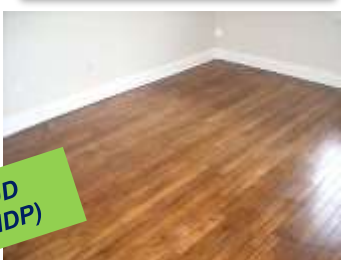


Paint stabilized



HUD (HHDP)

Tripping hazards repaired and floors resurfaced



HUD (HHDP)

Blown insulation installed; air sealing performed



Private Leverage Partner



DOE (WAP)

An integrated approach that cost 25% less to implement (total cost of \$12,057 versus \$16,096), has kept the family out of the hospital for asthma related emergency room visits or hospitalizations, improved school attendance and performance, and reduced monthly heating bills



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