

Green and Healthy Homes Initiative Overview

. . .

©2014 Green & Healthy Homes Initiative. All rights reserved.

www.ghhi.org



[Collective] Financial Burden

9M families live in unhealthy homes.

Over 14,000,000...

- Missed school days because of an asthma episode
- Missed work days caring for a child during an asthma episode

Percent of income spent on energy costs:

- 14-20% in low income households
- 3.5% in all other homes

Tax dollars ALREADY spent annually:

- \$43B+ on lead poisoning
- \$51B+ on asthma-related illness
- \$19B+ on seniors' trip & fall injuries



DeWayne's Story

DeWayne Davis, age 8, suffered from asthma caused by his unhealthy, energy-inefficient home which was full of asthma triggers.

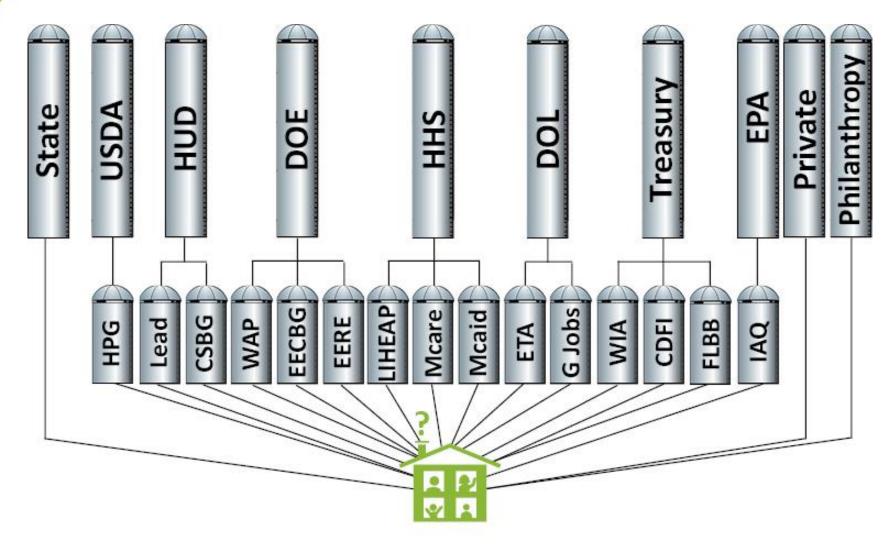






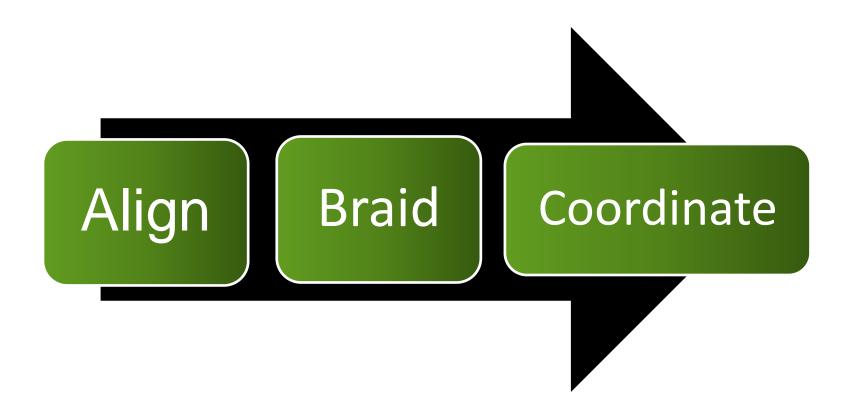


A Fractured Delivery System





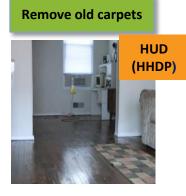
How does it work?

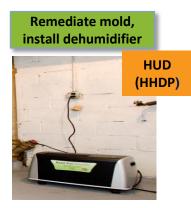




A Solution Through Braiding

- Interventions in DeWayne's home cost 25% less (\$12k vs \$16k)
- DeWayne hasn't returned to the hospital for asthma related visits
- DeWayne's school attendance has improved
- The family's monthly heating bills have been decreased



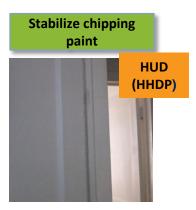




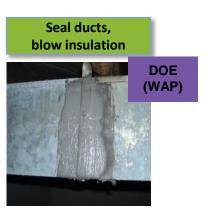
Install furnace & hot water heater





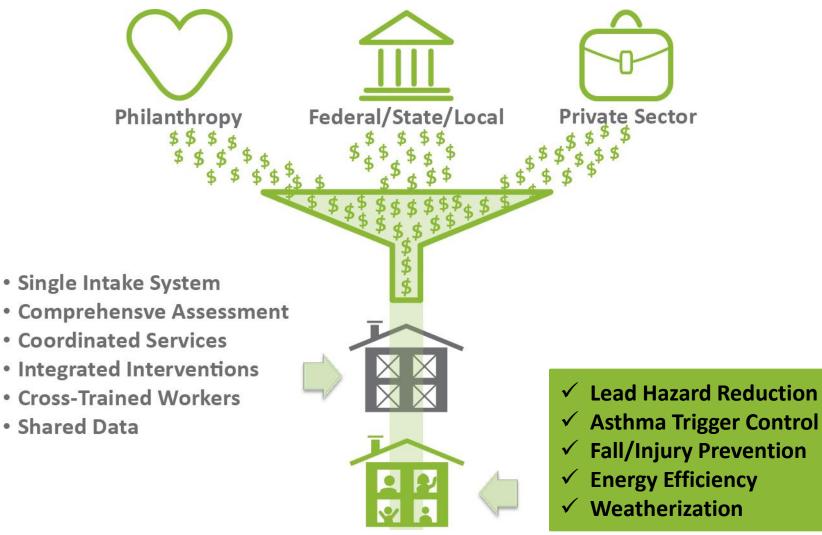








The "No Wrong Door" Model





The Elements of the GHHI Model

- Local GHHI Learning Network 1.
- Signed GHHI Compact 2.
- Single Portal Intake, Enrollment, and Eligibility Determination 3.
- 4. Shared Data Platform/Evaluation
- Health & Safety Environmental Assessment 5.
- **Energy Audit** 6.
- **Resident Education** 7.
- Scope of Work Development 8.

Integrated Green & Healthy Hazard Remediation Interventions 9. [7] www.ghhi.org



An Integrated Home Assessment

Elements of a Green & Healthy Home

Dry

Well Ventilated

Contaminant Free

Pest Free

Well Maintained

Safe

Clean

Energy Efficient



Cost-Benefit Analysis

Cost Benefit Analysis for Government Innovation, Wealth Retention and Long Term Health and Energy <u>Outcomes</u>

- Develop evaluation tools to measure improvements in health outcomes
- Develop evaluation tools to measure energy consumption reductions and energy cost savings
- Develop evaluation tools to measure cost savings from integrated assessment and intervention approach



Questions?

