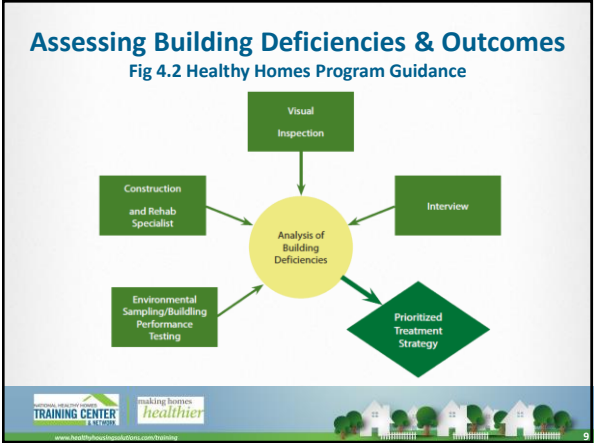


Specialized Input

- > Lead Inspection/Risk Assessment
- > Combustion Safety Testing
- > Social Services



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Keep in mind...

...the goal is to eliminate or reduce exposure to housing-related hazards that trigger symptoms or cause illness.

- Consider environmental factors and lifestyle choices
- Determine interventions for inside and outside the home



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HOW DOES PROGRAM DESIGN IMPACT PRIORITIZATION

- > Program Scenarios
- > Target Market/Audience
- > Funding Source
- > Team Capacity
- > Current Occupant Needs
- > Potential, Vulnerable Occupants




Prioritizing competing demands can be overwhelming





Costs / Funding
Wants / Needs
Energy Conservation
Health
Safety
Observation / Input
Present / Future



PRIORITIZE HAZARDS:

HEED Concerns and Limitations
 Health Impact: Acute vs Chronic

- Efficiency/Effectiveness
- Expense
- Difficulty

You say
SPECS

I say
SCOPE

- Especially important when multiple entities involved
- Level of Detail will vary by intended Audience

Creating a Scope of Work

- Details and defines the work to be completed
- Specifies required materials and workmanship
 - Prep work
 - Codes & standards
 - Materials & manufacturers
 - Required warranty
 - Installation methods
 - etc.
- Clarifies project parameters

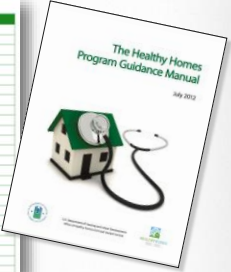
HEALTHY HOMES GUIDANCE MANUAL

- Chapter 1 Introduction
- Chapter 2 Community Involvement in Program Planning
- Chapter 3 Program Design
- **Chapter 4 Housing-Related Health and Safety Hazard Assessment**
- **Chapter 5 Intervention Strategies**
- Chapter 6 Evaluating Your Program
- Chapter 7 Program Sustainability

Available online at portal.hud.gov; search by title

HUD HEALTHY HOME INTERVENTION PRIORITIES

High priority items are indicated with an (A) and lower priority items with (B) or (C).




- Test clothes closet for asbestos using rigid metal shovels and flexible pipes. (A)
- Repair plumbing leaks. (A)
- Conduct mold inspections. (A)
- Clean evaporative pan under refrigerator. (A)
- Install range hoods that vent to exterior (B for gas, B for electric)
- Repair dry floor drain traps if sewer gases observed. (B)
- Assure that at least one window in each room can open. (A)
- Remove baseboards, bath and kitchen seal to wall carpet. (A)
- Install smoke and carbon monoxide alarms. (A)
- Report deteriorated bath and tub caulking. (B or C)
- Install plastic film in front of heating system. (B)
- In the crawl space, seal foundation with poly. (A)
- Seal crawl space from house as. (A)
- Assure adequate crawl space ventilation away from house. (A, vent walls, B, indirect)
- Check windows. (A)
- Check second-story vertical seams. (A)
- Check floor seams. (A)
- Report roof and chimney flashing if damaged or evidence of interior leaking is observed. (A)
- Check furnace chimney draft seal, if inadequate, check chimney opening. (A)
- Backdraft flow device for furnaces. (B)
- Check return and supply ducts to garage, crawl space, or attic for leaks. (B)
- Remove radon from the residence, make radon proof. (B)
- Wood-splash contact--assure a rock moisture gap. (C)
- Report or replace leaky chimney flue. (A)
- Seal treatment contact if moisture problem indicates high moisture content. (C)

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<http://portal.hud.gov/portal/portal/HUD?mode=display&id=HHGUIDANCEMANUAL>

RECENT HEALTHY HOME PUBLICATIONS



Housing Interventions and Control of:

- Asthma-related Biological Agents
- Health-related Chemical Agents
- Injury-related Structural Deficiencies
- Healthy Energy-efficient Housing

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Identify Responsible Parties



- What can residents do?
- What should landlord/owner do?
- Are there partners who can help?
- Are contract professionals needed?
- Who's going to pay?





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Regardless of your Program

Design. significant benefits in having someone skilled in health issues and construction on the team for the building assessments

- It is best to identify the full range of issues and solutions (with their costs) prior to finalizing your “Common Sense Response”





POTENTIAL PROGRAM PARTNERS


- Local non-profits
- Local volunteer groups
- Social service agencies





YOU'VE GOT RESOURCES!





HUD Office of Healthy Homes and Lead Hazard Control
www.hud.gov/offices/lead



Medicaid
<https://www.medicaid.gov/state-resource-center/state-resource-center.html>



Department of Energy Weatherization Assistance Program
<https://energy.gov/eere/wipo/weatherization-assistance-program>

YOU'VE GOT RESOURCES!



www.NCHH.org



<https://www.ihs.gov/chr/>



<http://www.msuetension.org>





26

YOU'VE GOT RESOURCES!



www.cdc.gov/healthyplaces/healthyhomes




www.epa.gov/asthma
www.epa.gov/iaq/pubs/index






27


LEVERAGING RESOURCES



Donated Healthy Homes Supplies

- Smoke Detectors- Red Cross, Fire Department
- CO Detectors- Some Fire Departments
- Radon Test Kits - State Radon Offices
- Child Safety Kits - Child Advocacy Organizations





28

LEVERAGING RESOURCES

Discounted Healthy Homes Supplies

- Healthy Home Supply Manufacturers (filters, paint, caulk, etc.)
- Hardware Stores - Local or National
- Home Improvement - Some more receptive than others
- National Retailers - Have Local Donation Committees
- Buy Local so families can find replacement supplies and buy local too.

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IDENTIFY FUNDING SOURCES AND RESOURCES

- How do you decide who does what work?
- Who have you partnered with?
- How do you decide who pays for what work?
- What sources of funding have you used?

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SMALL GROUP ACTIVITY: CREATE AN ACTION PLAN

- Work in small groups.
- Develop an action plan for one of the top five issues identified.
- Share your action plan with the class.

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REVIEW: CAN YOU...
 name at least two types of specialized input we may request before finalizing a Scope of Work?

- Lead Inspection/Risk Assessment
- Combustion Safety Testing
- Social Services

32

REVIEW: CAN YOU...
 name four ways program design can affect prioritization?

- Funding Source
- Team Capacity
- Current Occupant Needs
- Potential, Vulnerable Occupants




33

REVIEW: CAN YOU...
 name three potential program partners?

- Local non-profits
- Local volunteer groups
- Social service agencies




34

REVIEW: CAN YOU...
 name at least one potential
 program funding sources?

- > HUD
- > Medicaid
- > Weatherization

