






MODULE 3



DEVELOP AN ACTION PLAN



Healthy Housing SolutionsSM

DEVELOP AN ACTION PLAN



-  Prioritize identified hazards.
-  Identify occupant / homeowner responsibilities.
-  Identify potential community resources to address hazards.
-  Develop a sample action plan for each assigned issue.

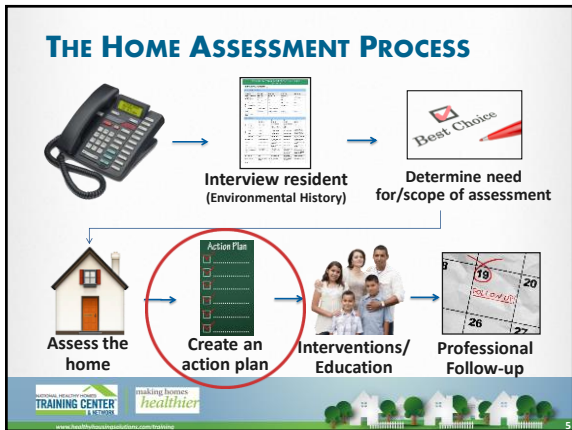


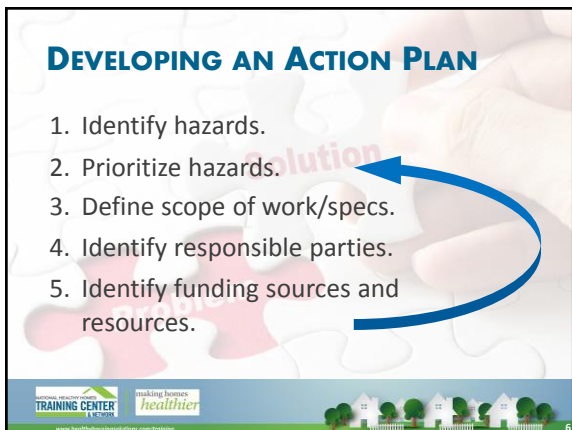
WELL, WHAT DO YOU KNOW ?

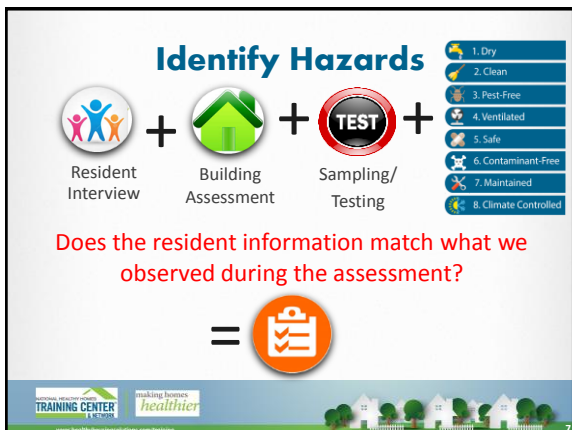
DEVELOP AN ACTION PLAN

- Name at least 2 types of specialized input we may request before finalizing a scope of work.
- Name four ways program design can affect prioritization.
- Name at least one potential program partner.
- Name three potential program funding sources.









Specialized Input

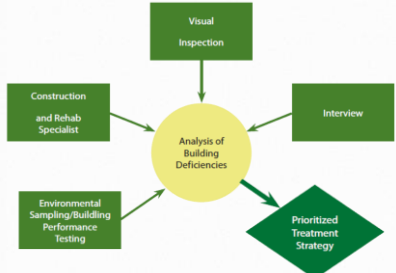
- Lead Inspection/Risk Assessment
- Combustion Safety Testing
- Social Services



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Assessing Building Deficiencies & Outcomes

Fig 4.2 Healthy Homes Program Guidance



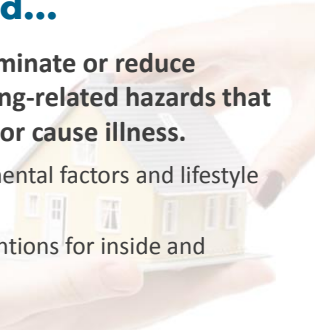
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graph TD; VI[Visual Inspection] --> ABD((Analysis of Building Deficiencies)); I[Interview] --> ABD; ABD --> ES[Environmental Sampling/Building Performance Testing]; ABD --> CRS[Construction and Rehab Specialist]; ES --> PTS{Prioritized Treatment Strategy}; CRS --> PTS;
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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



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Prioritizing competing demands can be overwhelming



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



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PRIORITIZE HAZARDS: HEED Concerns and Limitations

Health Impact: Acute vs Chronic

Efficiency/Effectiveness

Expense

Difficulty



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You say
SPECS

I say
SCOPE



- Especially important when multiple entities involved
- Level of detail will vary by intended audience



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Creating a Scope of Work

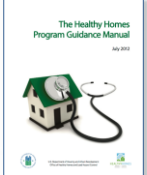
- Details and defines the work to be completed
- Specifies required materials and workmanship
 - Prep work
 - Codes & standards
 - Materials & manufacturers
 - Required warranty
 - Installation methods
 - etc.
- Clarifies project parameters





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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



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HEALTHY HOME INTERVENTION PRIORITIES

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

High priority issues are indicated with an (H), and lower priority issues with (L) or (C).

Seal or replace gaskets to exterior casing (H)
 Repair plumbing leaks (L)
 Clean and/or replace (L)
 Clean evaporator pan under refrigerator (L)
 Install range hood(s) that vent to exterior (H for gas, L for electric)
 Repair air flow dampers if none present (L)
 Assess that at least one window in each room can open (L)
 Remove basement, bath and kitchen wall to wall carpet (L)
 Install smoke and carbon monoxide alarms (L)
 Repair disconnected bath and hot water (H or C)
 Install ground floor or second and third floors (L)
 In the past 12 months, seal cracks and wall gaps (L)
 Seal roof gaps from houses on (L)
 Assess adequate runoff from downspout away from house (H, see walk B, other)
 Check windows (L)
 Check non-working central vacuums (L)
 Check door seals (L)
 Repair roof and chimney flashing if damaged or evidence of interior leaking is observed (H)
 Check furnace chimney draft and, if inadequate, check chimney opening (L)
 Inspect floor from gutters to functioning downspout (L)
 Check exterior wall gaps (check for garage, steel doors or walls for leaks) (L)
 Remove debris from the roofline, make roofline proof (L)
 Seal roof cracks, corners or leaks (see walk B)
 Repair or replace faulty chimney flue (L)
 Test basement concrete if moisture probe indicates high moisture content (C)

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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...

- There are 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"

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POTENTIAL PROGRAM PARTNERS

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



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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>



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YOU'VE GOT RESOURCES!

National Center for **HEALTHY HOUSING** www.nchh.org



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




MONTANA STATE UNIVERSITY
<http://www.msuetension.org>




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You've Got Resources!



www.cdc.gov/healthyplaces/healthyhomes



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





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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



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LEVERAGING RESOURCES

Discounted Healthy Homes Supplies

- Healthy home supply manufacturers (filters, paint, caulk, etc.)
- Local or national hardware stores /home improvement / national retailers
- Look for 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?



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.



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



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

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



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

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




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

- HUD
- Medicaid
- Weatherization



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