

Recent Code Adoption Strategies

National Workshop on State Energy Codes

July 19-22, 2004 - Philadelphia, PA



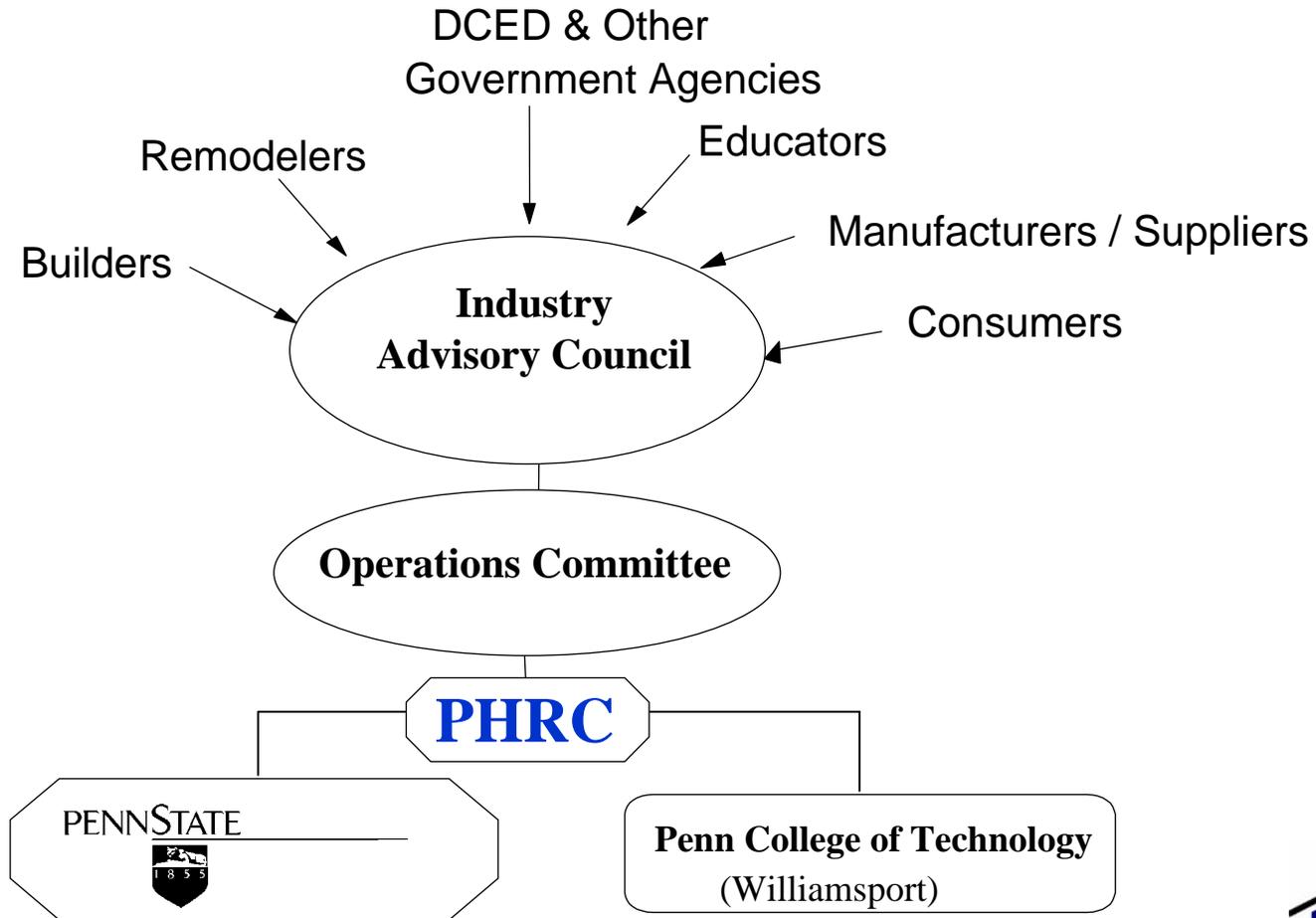
P ennsylvania
H ousing
R esearch / Resource
C enter

Mission

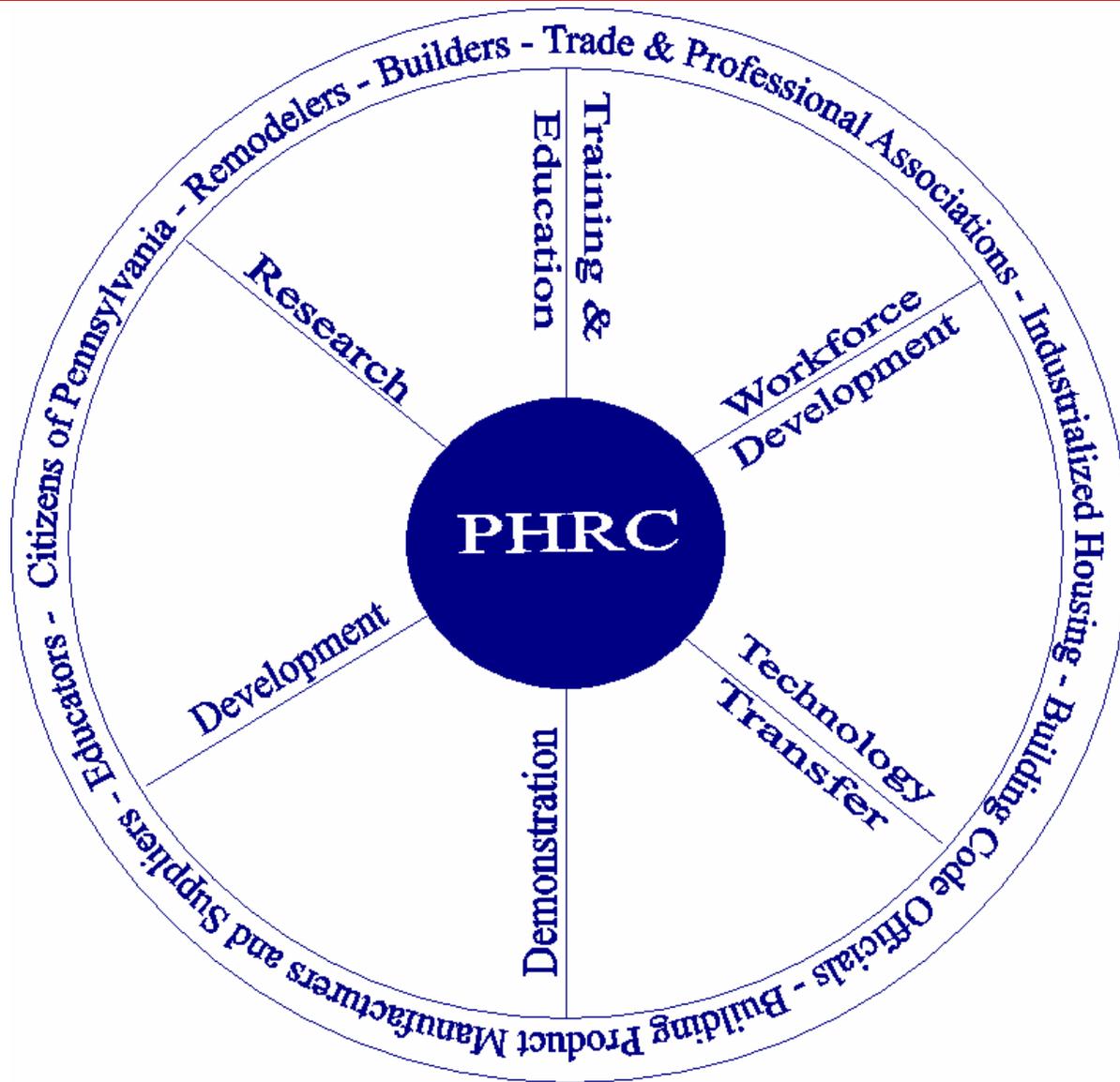
- To serve the housing industry and the housing consumer in PA.
- To improve the quality and affordability of housing.
- To provide information, training and education.
- To conduct research, development and demonstration.



PHRC Organization

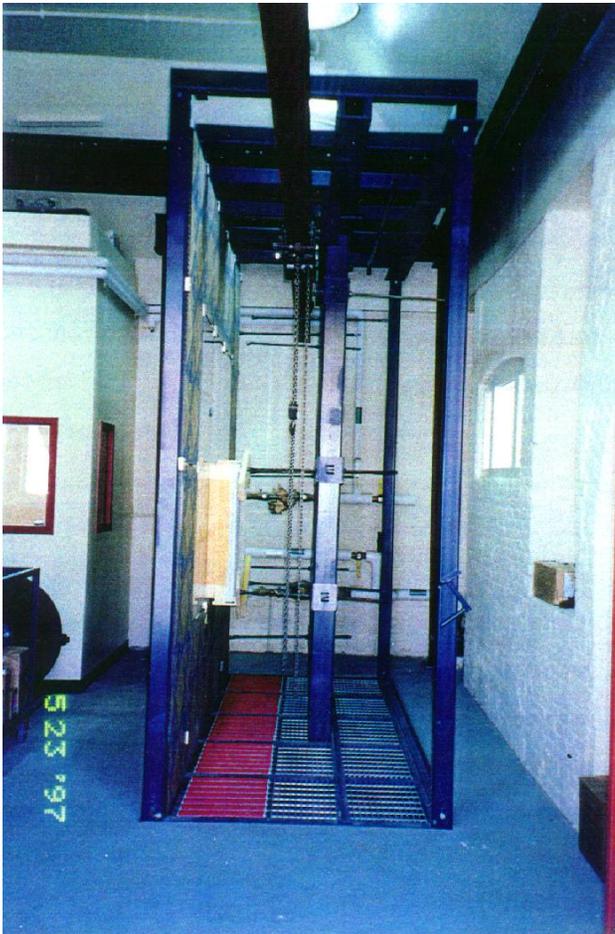


What We Do



Applied Research

Implications of Using Housewrap – Report No. 59



- Conflicting opinions in builder/trade publications as to the merits of using housewrap.
- Lack of non-proprietary performance testing of enclosure systems that document housewrap's air leakage behavior.
- Movement of housewrap under air pressure differentials may cause deformations, stretching and stress concentrations.

Applied Research

Glue Joints in Floors (Floor Sheathing and Joist)



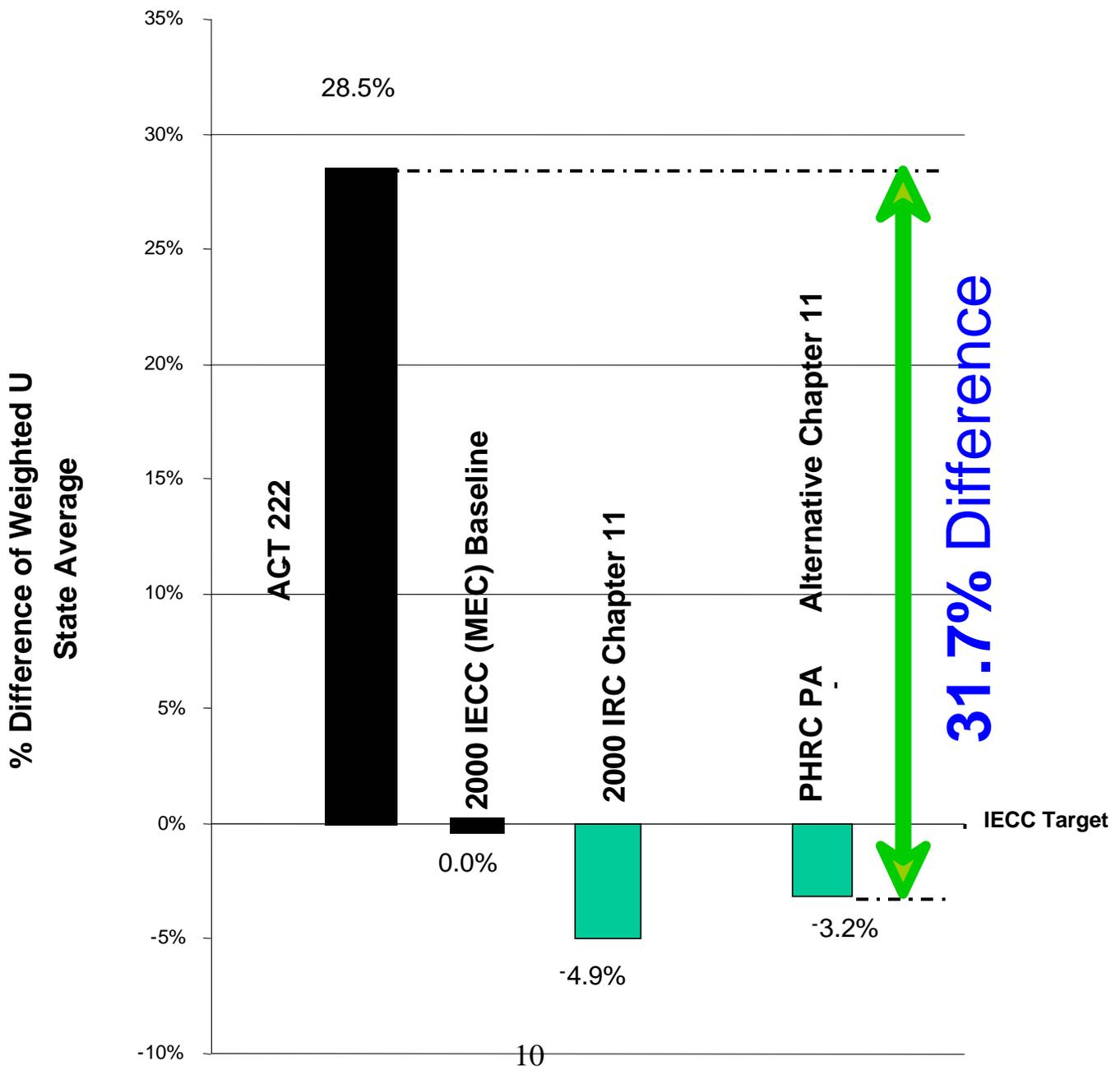
Overview

1. Industry Partners
2. Need vs. Demand
3. Product
4. Infrastructure

Situation in PA



- ~ 40,000 Housing Stats per Year.
- ~ 12,000 Commercial Building.
- PA Architectural Licensing Law does not require Design Professional for Residential.



Need vs. Demand

Need is what someone needs to know.

Demand is will they show up for a program.

Need vs. Demand

Need usually lines up with policy.

Demand usually does not.

- Policy makers often do not distinguish between them.

Need vs. Demand

Need usually lines up with policy.

Demand many times does not.

- Policy makers often do not distinguish between them.

You are making progress, and then...



Industry Partnerships

- **We can't do it alone... ..we need industry support.**

Industry Partnerships

Regulators

State Code Officials

Local Code Officials

Third Party Agencies

Regulated Community

AIA

NARI

ASHRAE

Consulting Engineers

State & Local Builders Associations

Education Providers

Community Colleges

Vocational-Technical

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Products

- **Products must meet demand.**
- **You will need to package products.**
- **Need to solve industry problems.**
- **Industry partners will help you with this.**

Products

Do not give it away:

- **Co\$t = Quality**
- **Provide the highest quality product.**
- **Charge a reasonable fee.**
- **Value participants time more than your own.**

Infrastructure

- **Need to develop in-state expertise.**
- **We targeted leadership from:**
 - **code official organizations;**
 - **Builders;**
 - **Design professionals;**
 - **Etc.**
- **You will need to inve\$t in your presenters.**
 - **Involve in program development.**
 - **Train-the-trainers programs.**

Infrastructure

This will generate support.

This will leave behind people who know.

This will have a long term effect.

Will not be the lowest cost option.



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