



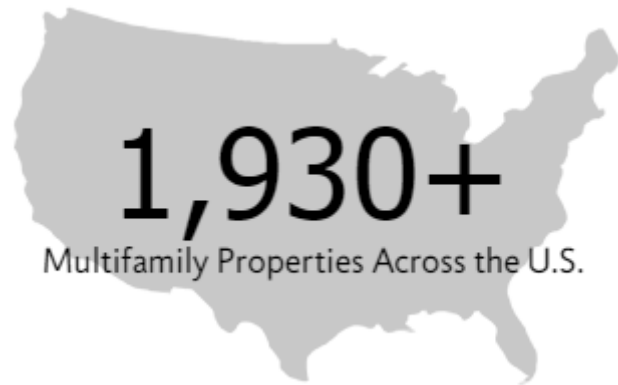
Achieving Affordability and Healthy Housing: Building Design and Operations

Rebecca Schaaf, Senior Vice President, Energy
NCSHA Housing Credit Connect, June 2019



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SAHF Portfolio: By the Numbers



140,000+

Rental Homes for Families, Seniors, and Special Needs Populations



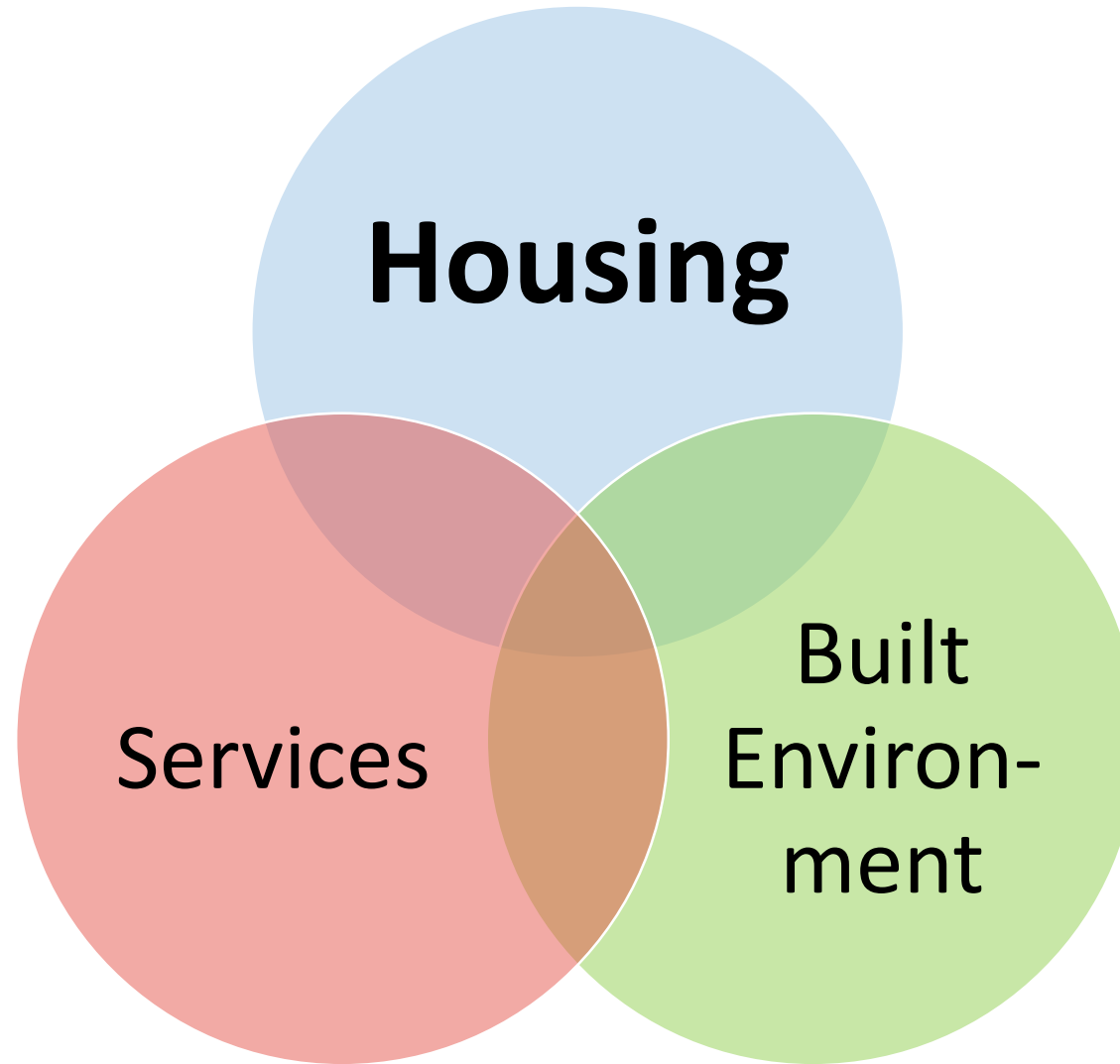
250,000+

People Served by SAHF Members

Agenda



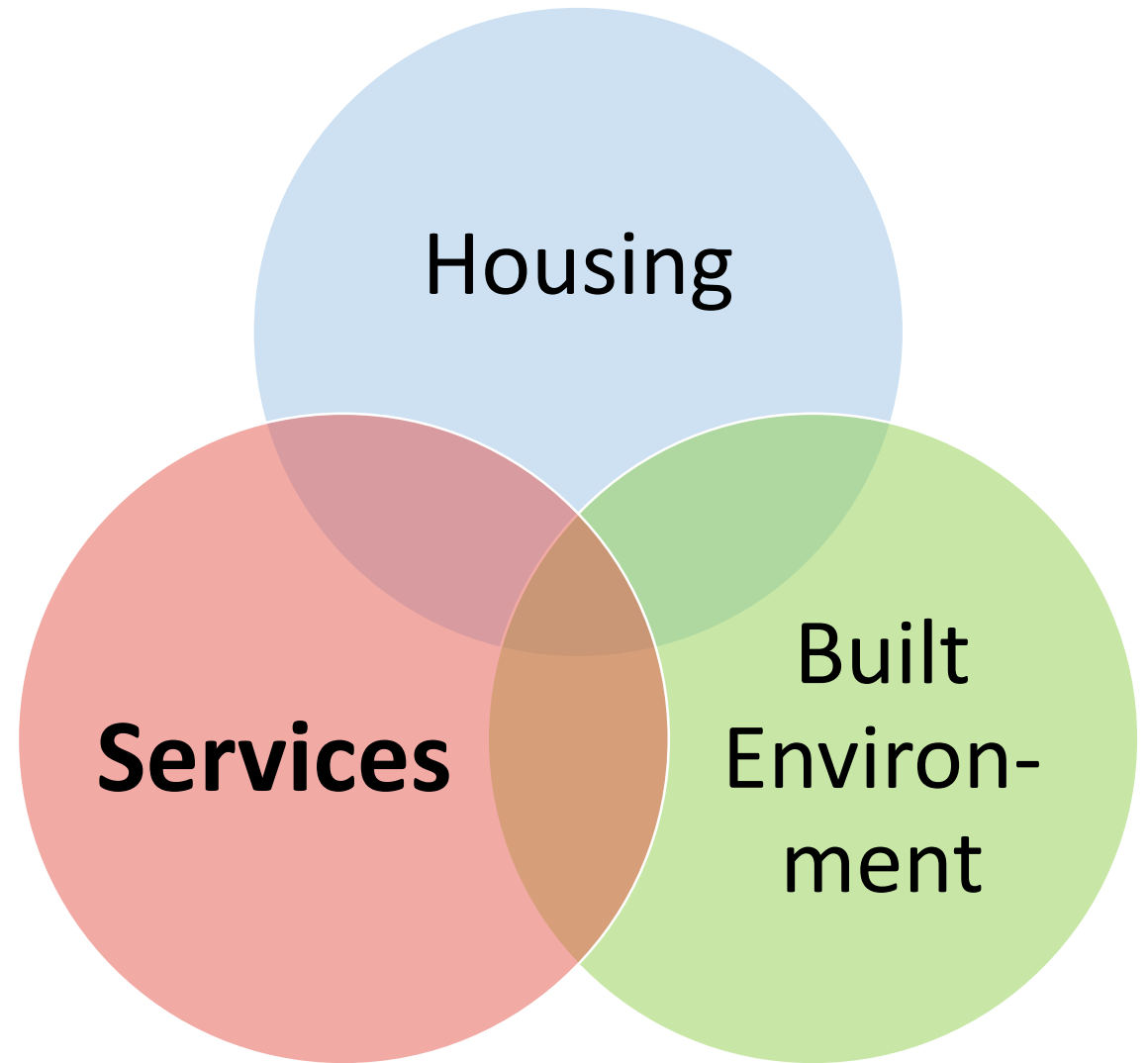
- SAHF's approach to Health & Housing
- Building certification programs
- Trauma-informed design principles
- Reducing exposure to toxins



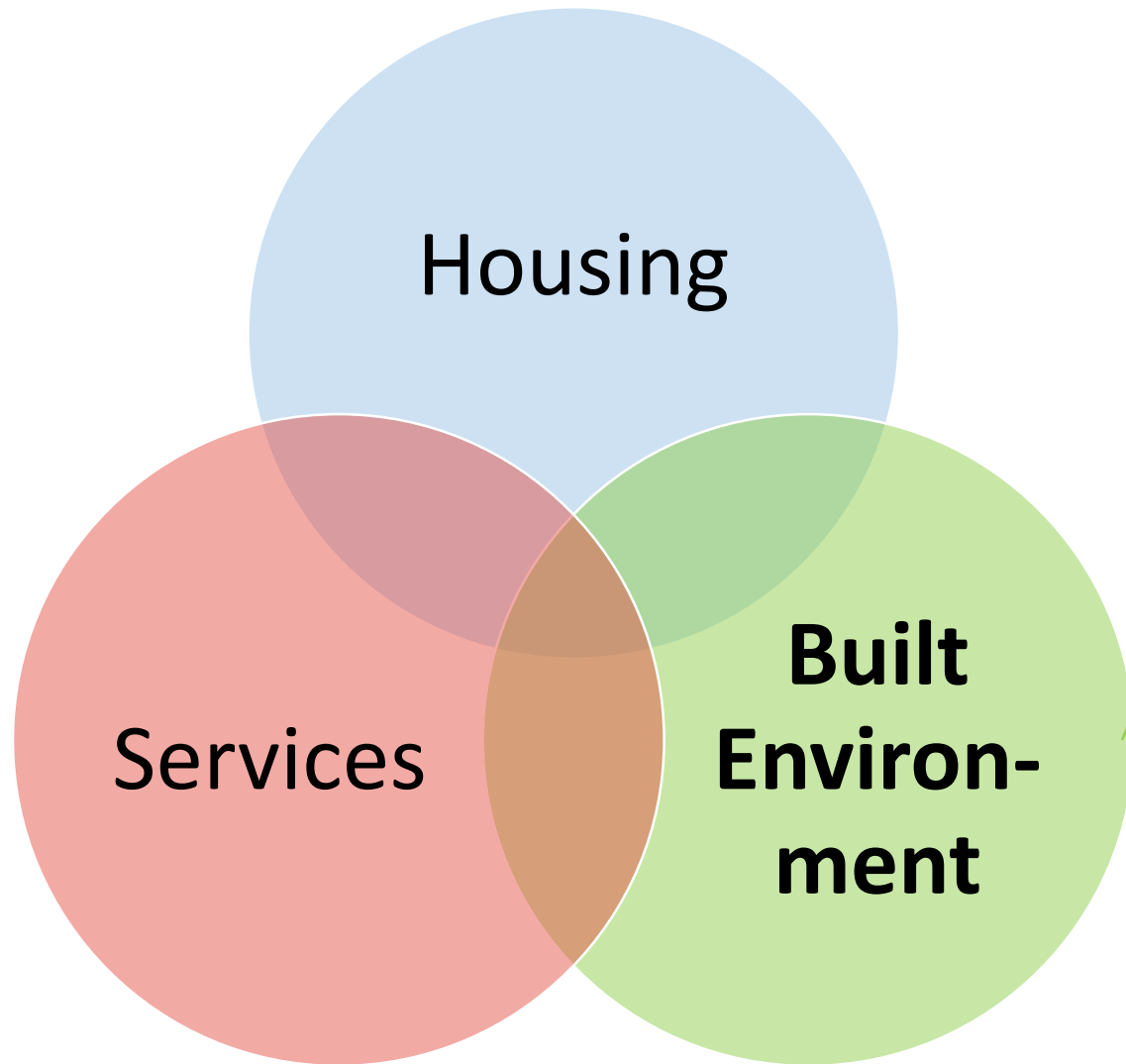
Health and Housing

The **Certified Organization for Resident Engagement & Services** (CORES) Certification

Recognizes owners that have developed a robust commitment, capacity, and competency in providing resident services coordination in affordable rental homes.



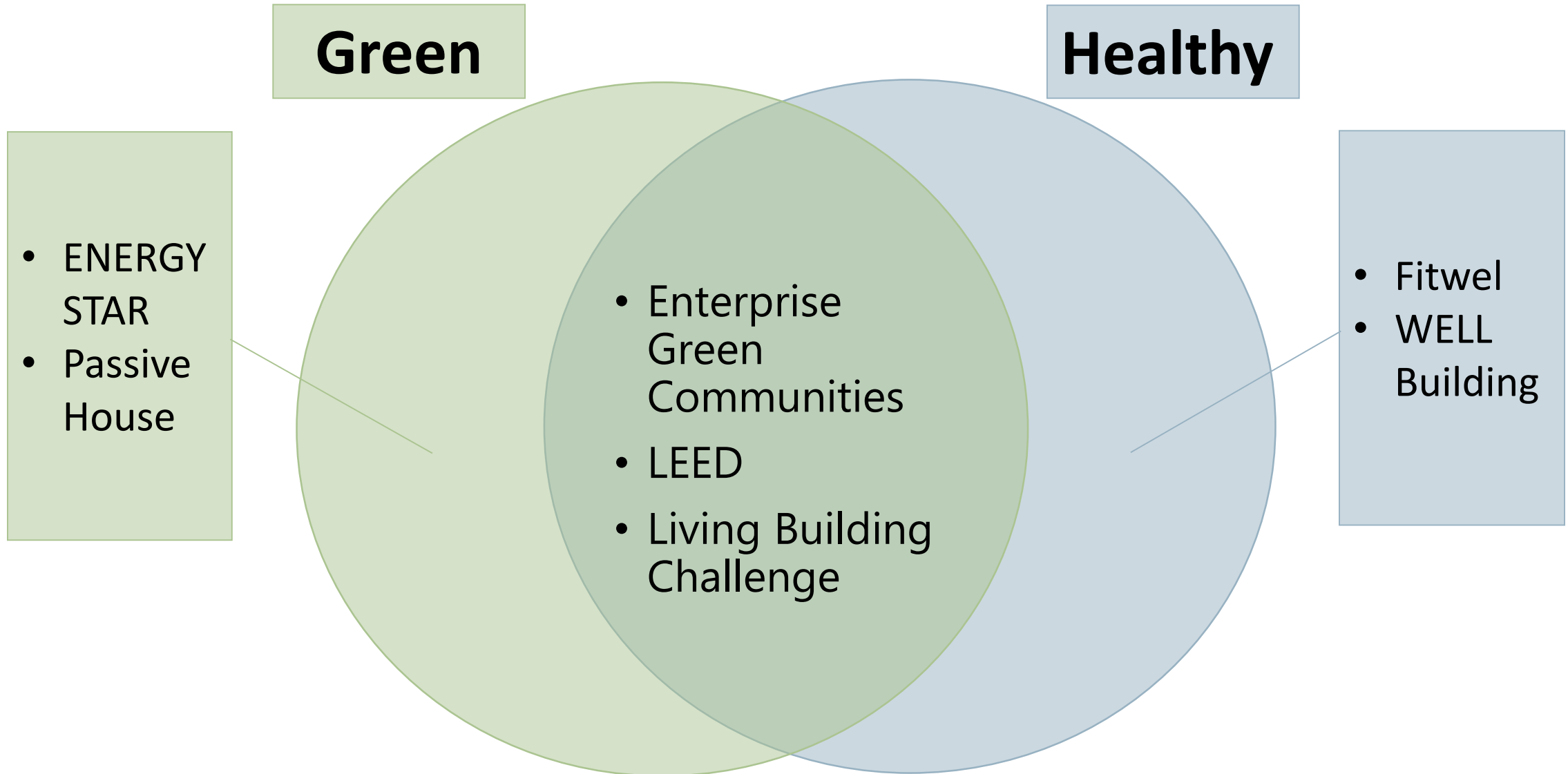
Health and Housing



- Active Design
- No Smoking
- Safety & Security
- Dust & Pests
- Moisture
- Thermal Health
- Air & Water Quality
- Ventilation
- Lighting & Views
- Noise
- Mental Health
- Toxins & Materials



Building Certifications & Health



Trauma-Informed Design



Reducing Exposure to Toxins

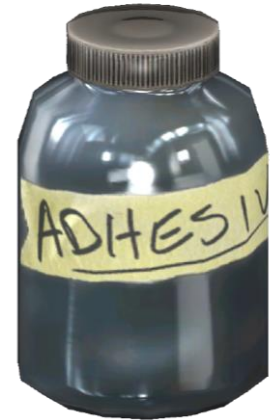


Asthmagens

**Carcinogens/
Mutagens**

**Persistent
Bioaccumulative
and Toxic
Substances (PBTs)**

**Developmental
and Reproductive
Toxicants/
Endocrine
Disruptors**



Healthy Building Network's *HomeFree* Initiative

Products: Hazard spectrum/ stoplight approach to 8 categories

- Flooring
- Paint
- Drywall
- Countertops
- Cabinetry & Millwork
- Insulation
- Flooring Adhesives
- Sealants

Related Product News

A Cheat Sheet For Decoding Vinyl Product Literature

Healthy Building Network recently demo'd our approach to product research for the Community of Practice team in Seattle. In preparation for the call, we reviewed product literature for a vinyl sheet floor that had been specified for their demonstration project, and matched that against...

Spectrum of Flooring Options Now Includes Ceramic Tiles

Healthy Building Network and the HomeFree team have now had a chance to talk with several communities of practice, working hard to incorporate healthy materials guidance into their varied - but all amazing - affordable housing projects. As part of these conversations, we have highlighted ...

Brief: Post-Consumer Flexible Polyurethane Foam Scrap Used In Building Products

Carpet cushion (that soft layer installed between a sub-floor and a carpet) is made from flexible polyurethane foam (FPF). Generally that foam is recycled scrap from the manufacture of furniture, such as couch cushions, or old carpet cushion itself. Healthy Building Network's research into ...

How Common Product Profiles Help Inform Product Decisions

On the Products section of HomeFree, in addition to individual products, visitors will now see Common Product Profiles (CPs for short). These Common Product Profiles describe the composition found to be most typical to products of that type. For example, a CP for "Fiberglass Batt In..."

Carpet Padding and Flame Retardants

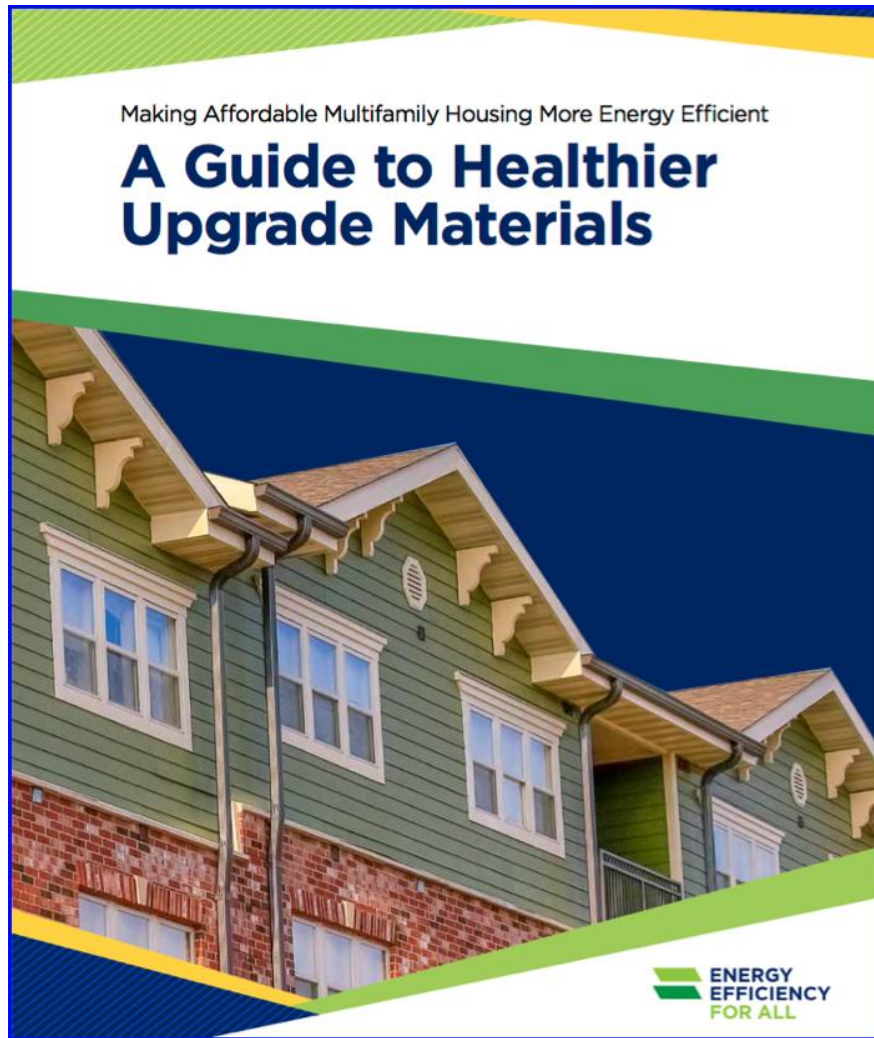
Flexible polyurethane foam (FPF) is found in nearly all upholstered furniture and mattresses, in car seats, and in carpet cushion. At the end of life, some of these mattresses, carpet cushions, and articles of furniture are recycled and reused in new products, mainly carpet pads. While in many ca...

Rapid Change Sweeps Flooring Industry -- by Jim Vallette

Resilient floors and carpets made today are quite different than those made just a few years ago. On Monday morning, I will join flooring experts from manufacturing firms, architecture and design firms, and hospitals, to discuss

Linoleum	▼
Solid Wood Floors (pre-finished)	▼
Engineered Wood Floors (pre-finished)	▼
Ceramic Tiles (made in the USA/lead-free with no CRT content)	▼
Solid Wood Floors (finished on site)	▼
Biobased Floors	▼
Rubber or Rubber/Cork Floors (made without crumb rubber)	▼
Laminate	▼
Carpet (with no fly ash, no vinyl or polyurethane backing, and no PFAS)	▼
Engineered Wood Floors (finished on site)	▼
New Formulations of Vinyl Floors (phthalate-free)	▼
Ceramic Tiles (not made in the USA/presence of lead is unknown/CRT tiles)	▼
New Formulations of Vinyl Floors (with post-consumer recycled content)	▼
Traditional Vinyl Floors	▼
Rubber or Rubber/Cork Floors (made with crumb rubber)	▼
Carpet (containing fly ash, vinyl or polyurethane backing, and PFAS)	▼
Traditional Vinyl Floors (with post-consumer recycled content)	▼

Healthier Insulation & Air Sealing



- Deep dive on insulation and sealants
- Companion Documents:
 - Two-Page Factsheet
 - Specifications Guidance
 - Policy Brief

Thank You!

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