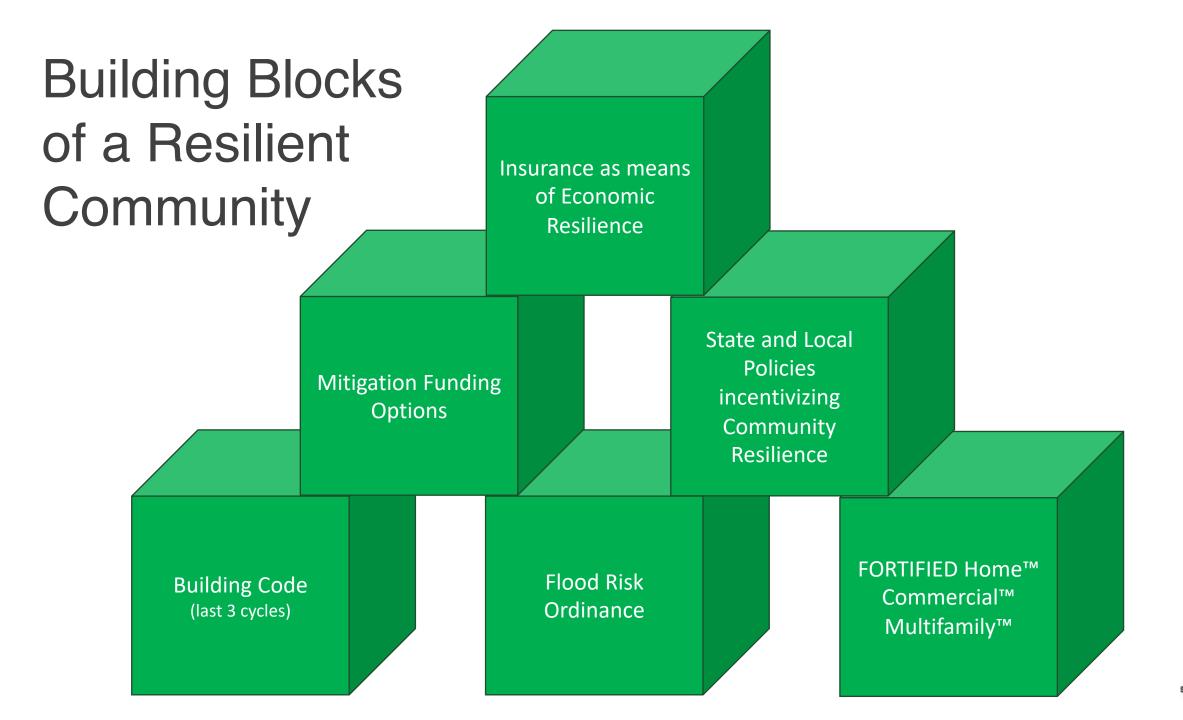


Julie Shiyou-Woodard
President and CEO

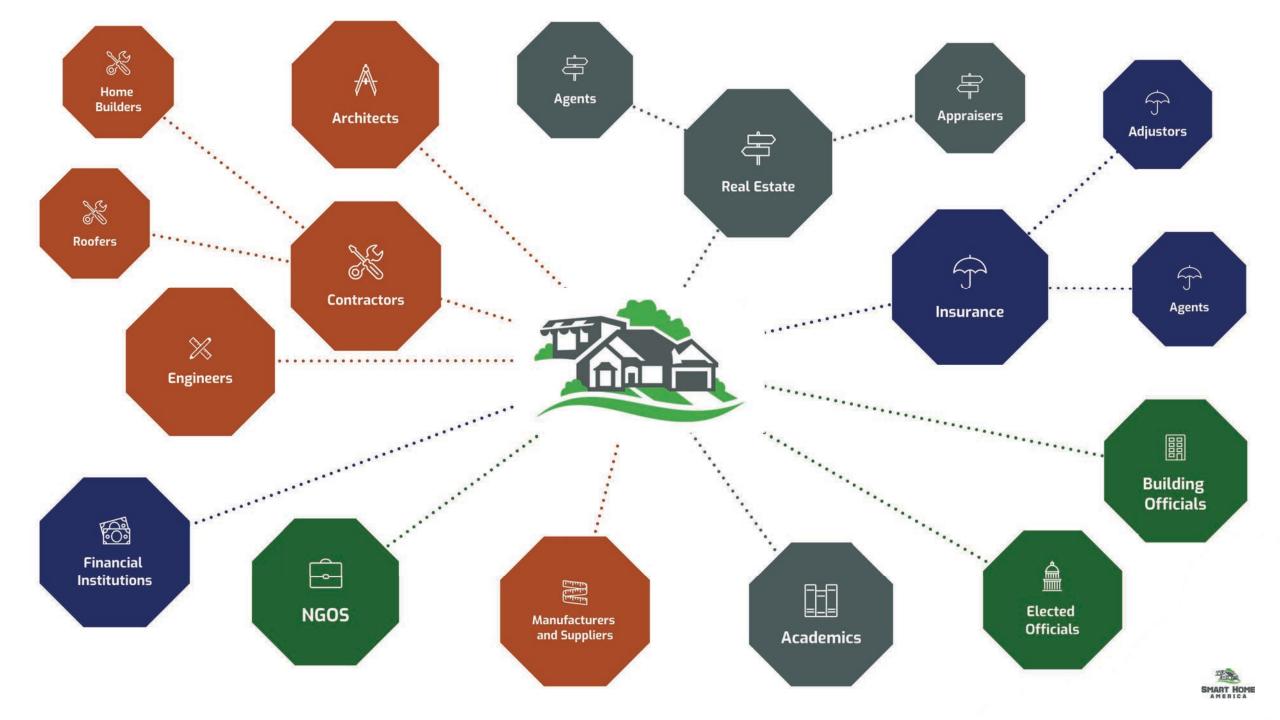


# SMART HOME STATE OF THE STATE O









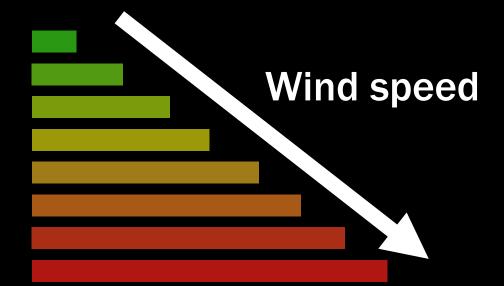
Up to 90%

of post-cat claims include damage to the roof





- Roof cover, soffits, facia
- Wall cover
- Roof sheathing
- Roof structure
- Total collapse







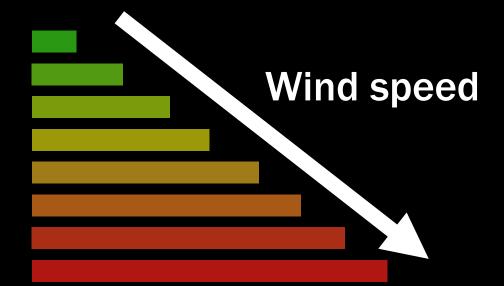








- Roof cover, soffits, facia
- Wall cover
- Roof sheathing
- Roof structure
- Total collapse





# WHATIS FORTIFIED?



https://vimeo.com/112705020

Keep the roof on, water out.
Reduce damage amplifiers:
Strengthen gable walls
Strengthen garage door openings.
Secure chimney to house structure.
Anchor attached structures –
porches and carports.
Protect openings against debris impact





protect openings against high pressures

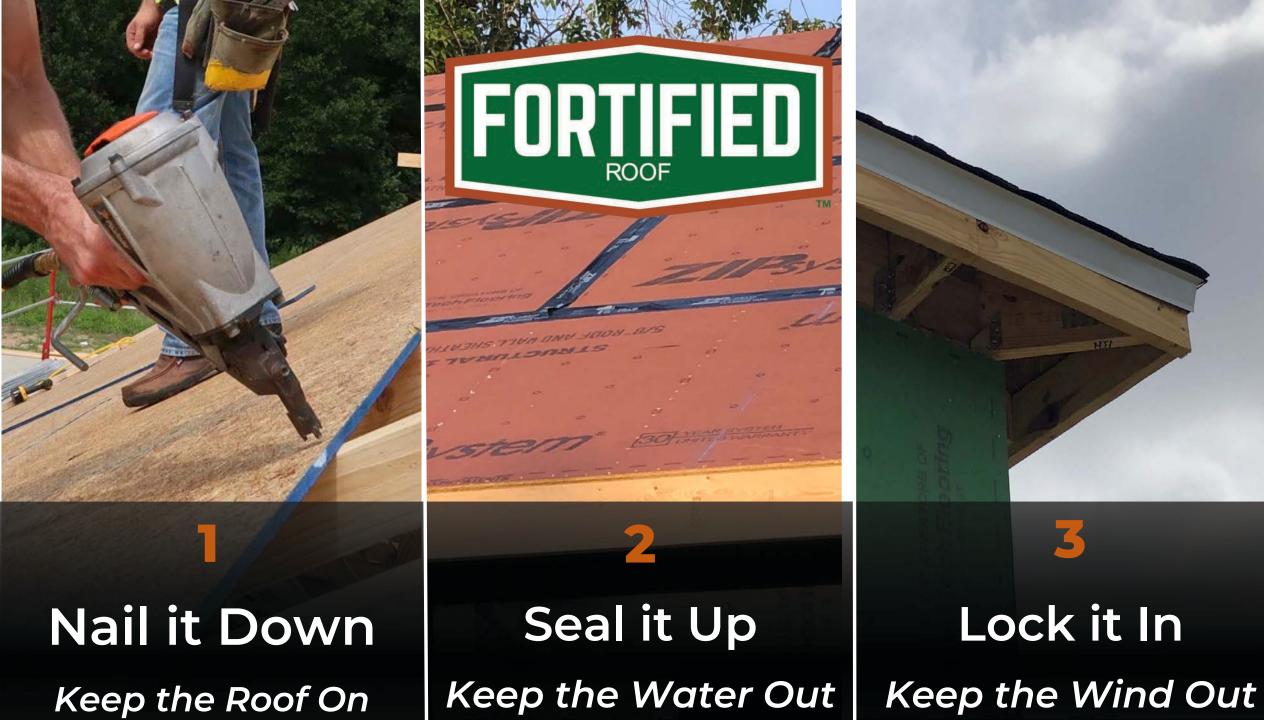
# FORTIFIED HOMETM HURRICANE

## \*HAIL SUPPLEMENT

Adds impact rated roof cover.

\*Must meet the **Good** or **Excellent** rating by IBHS.













# Which house would you rather Own? Build? Sell? Insure?









### **Designation Process Overview**

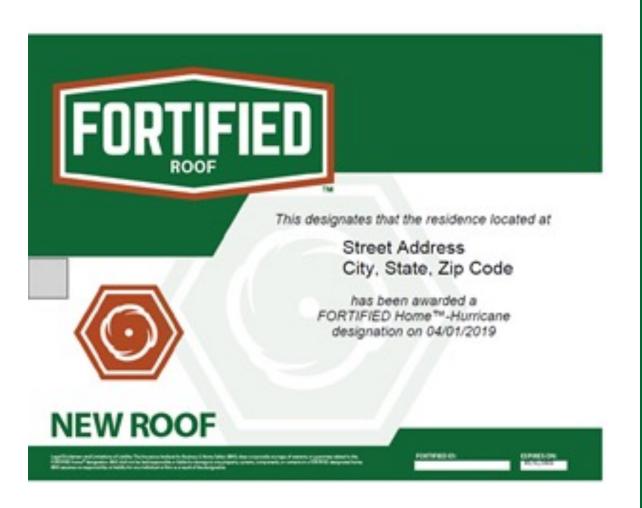


& & & project 2. Build or reroof to designation requirements

- 3. Document requirements
- 4. Verify requirements

Review and designate

### Designation Term Limit and Re-Designations

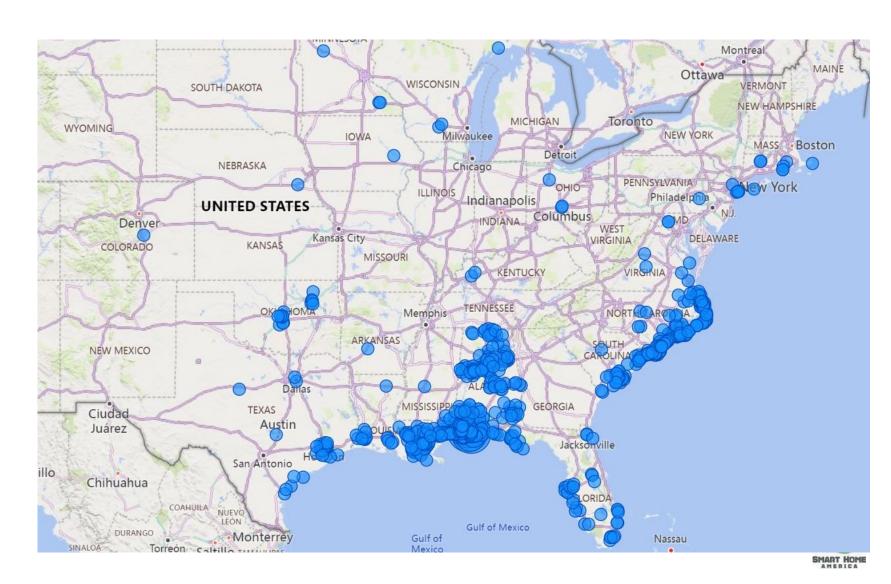


#### FORTIFIED designation certificates:

- Transferable between homeowners
- Valid for five years
  - Re-designated after five years to verify the expected remaining life and condition of the roof covering
  - Homeowners receive a renewal notice from IBHS prior to expiration



- Over 55,000
   Nationally
- 50% of inventory designated in last 2 years
- AL leads with over 45,000





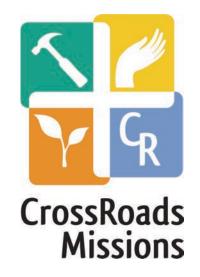








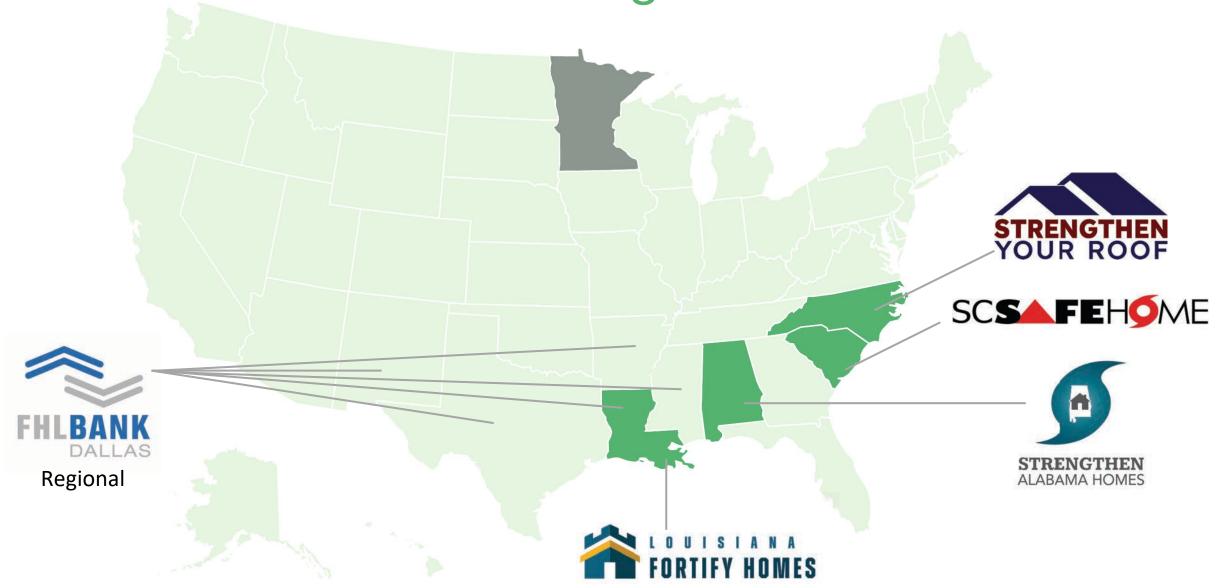








# **Grant Programs**



## The National Standard for Resilient Construction







Administration





















II.A.2.a. Alignment with mitigation plans. Grantees must ensure that the mitigation measures identified in their action

# plan will align with existing hazard mitigation plans submitted to the Federal Emergency Management Agency

(FEMA)

under section 322 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5165) or other state, local, or tribal hazard mitigation plans.

II.A.2.b. Mitigation measures. Grantees must incorporate mitigation measures when carrying out activities to construct, reconstruct, or rehabilitate residential or non-residential structures with CDBG-DR funds as part of activities eligible under 42 U.S.C. 5305(a) (including activities authorized by waiver and alternative requirement). To meet this alternative requirement,

# grantees must demonstrate that they have incorporated mitigation

**measures** into CDBG-DR activities as a construction standard to create communities that are more resilient to the impacts of recurring natural disasters and the impacts of climate change. When determining which mitigation measures to incorporate, grantees should design and construct structures to withstand existing and future climate impacts expected to occur over the service life of the project.

II.A.2.c. Resilience **performance metrics**. Before carrying out CDBG-DR funded activities to construct, reconstruct, or rehabilitate residential or nonresidential structures, the grantee must establish resilience performance metrics for the activity, including: (1) an estimate of the projected risk to the completed activity from natural

hazards, including those hazards that are influenced by climate change (e.g., high winds destroying newly built homes), (2) identification of the

# mitigation measures that will address the projected risks (e.g., using building materials that are

able to withstand high winds), and (3) an assessment of the benefit of the grantee's measures through verifiable data (e.g., 10 newly built homes will withstand high winds up to 100 mph).









University of Alabama study shows ROI for resilient construction can be as high as 72%

Also showed
74% of renters
would pay more
for a resilient home



# Thank You

# **Contact Information**



Julie Shiyou-Woodard
President and CEO

julie@smarthomeamerica.org

855.742.7233 @BuildResilient

