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President and CEO





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SMART HOME : STATE OF THE STATE









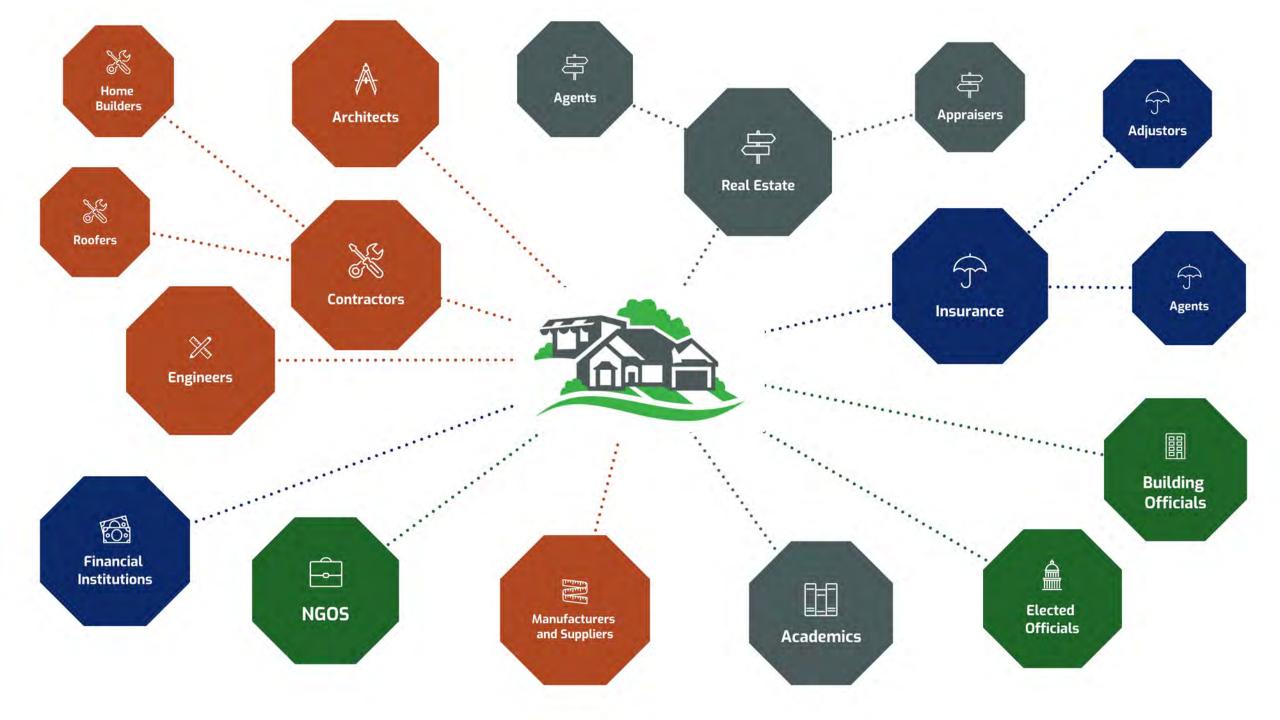






SMART HOME AMERICA





EF Scale		Saffir-Simpson Hurricane Wind Scale				
EF Rating	3 Second Gust (mph)	Category	Sustained Winds (mph)	Types of Damage Due to Hurricane Winds		
		Tropical Storm	39-73			
0	65-85	1	74-95	Very dangerous winds will produce some damage:		
1	86-110	2	96-110	Extremely dangerous winds will cause extensive damage:		
2	111-135	3 (major)	111-129	Devastating damage will occur:		
3	136-165	4 (major)	130-156	Catastrophic damage will occur:		
4	166-200	5 (major)	157 mph or higher	Catastrophic damage will occur:		
5	Over 200					

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



WHATIS FORTIFIED?

What is FORTIFIED? Video Click Here

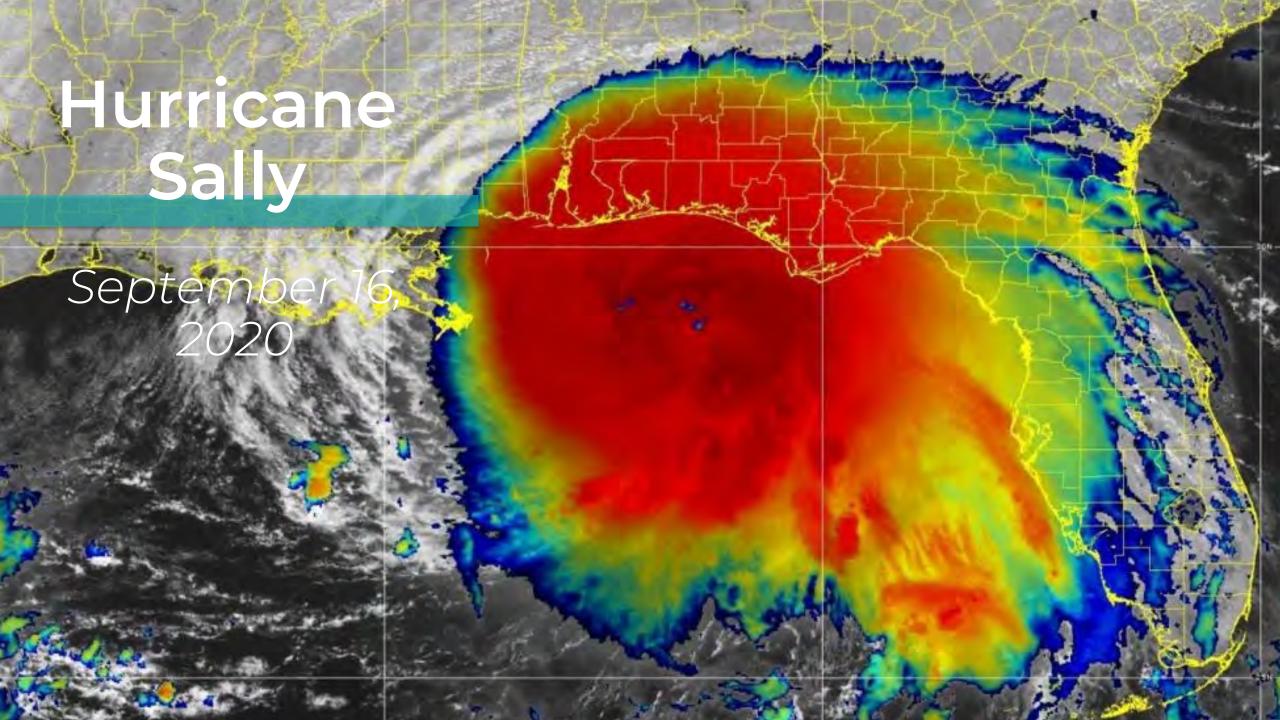


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In total, nearly

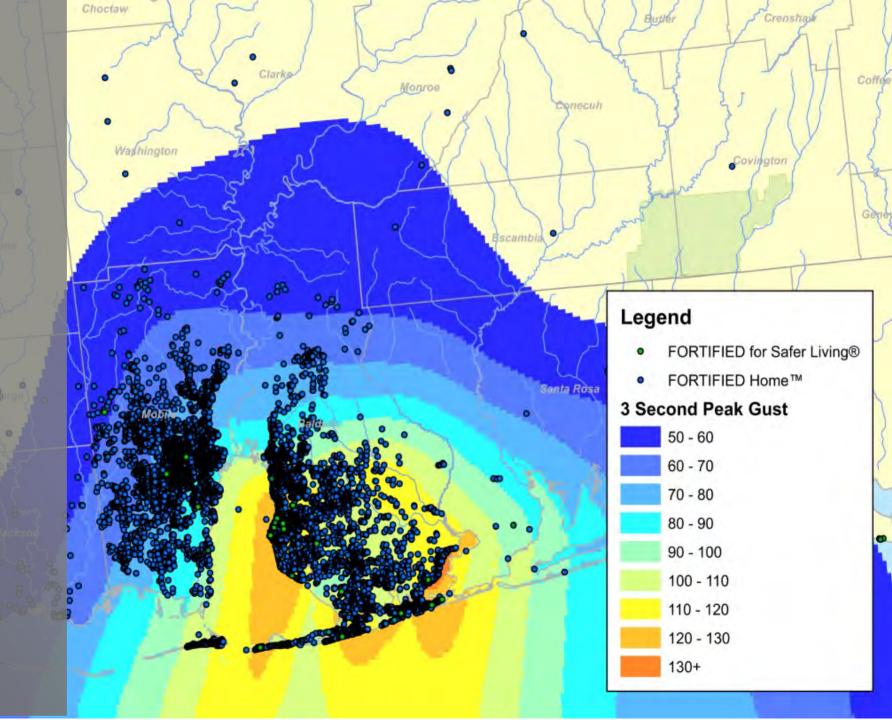
17,000

FORTIFIED Homes Threatened

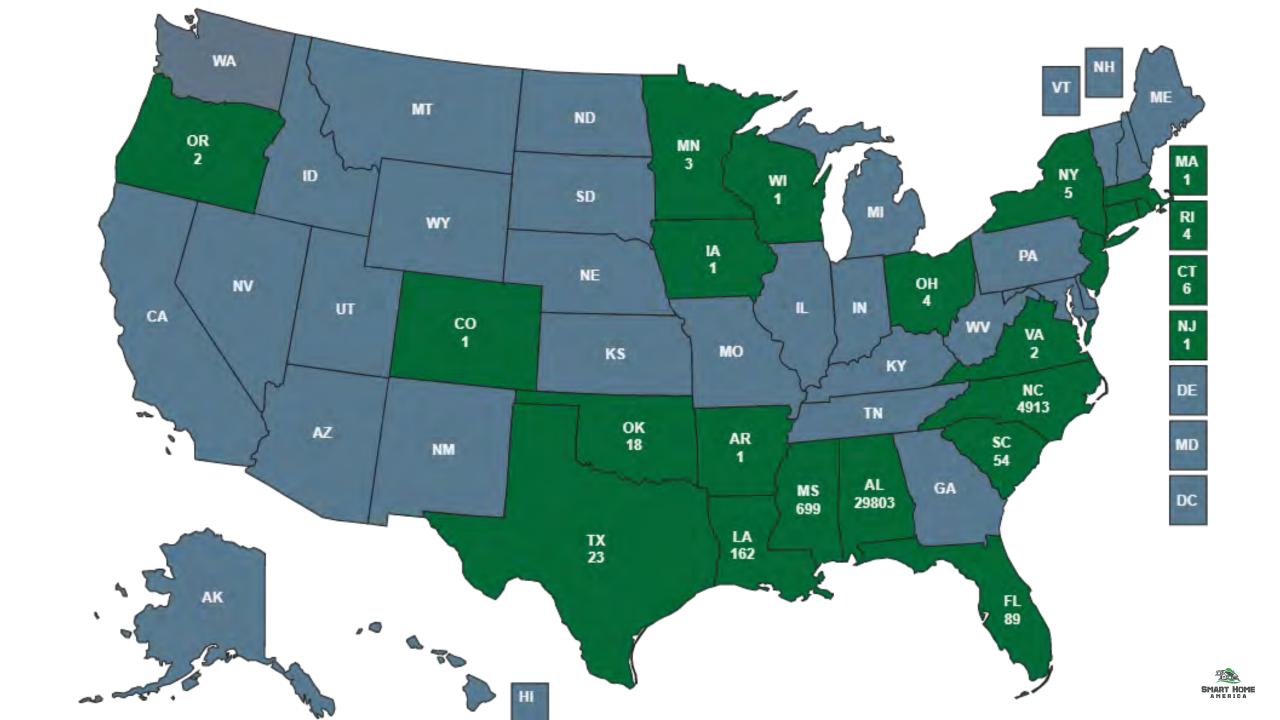
Approximately

95%

Had Little or No Damage



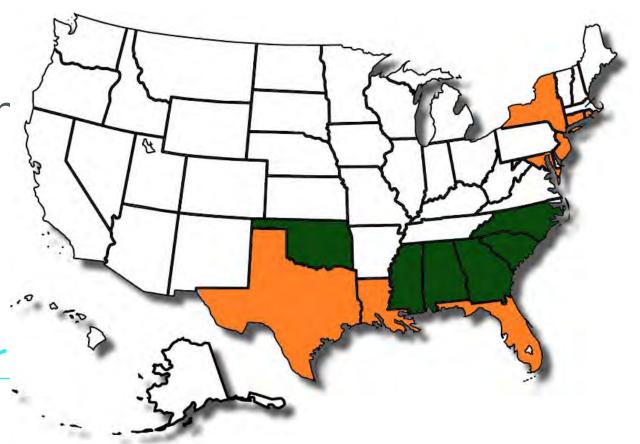




FORTIFIED Incentives

- Insurance discounts
- Tax credits or deduction
- Mitigation credits
- Grant programs
- Visit

https://fortifiedhome.or incentives/ for details







Having a FORTIFIED Designation Increases Home Value by nearly 7%

According to a study by The University of Alabama Auburn University & The University of Mississippi









U.S. Small Business Administration

















Adequately Insured vs Underinsured

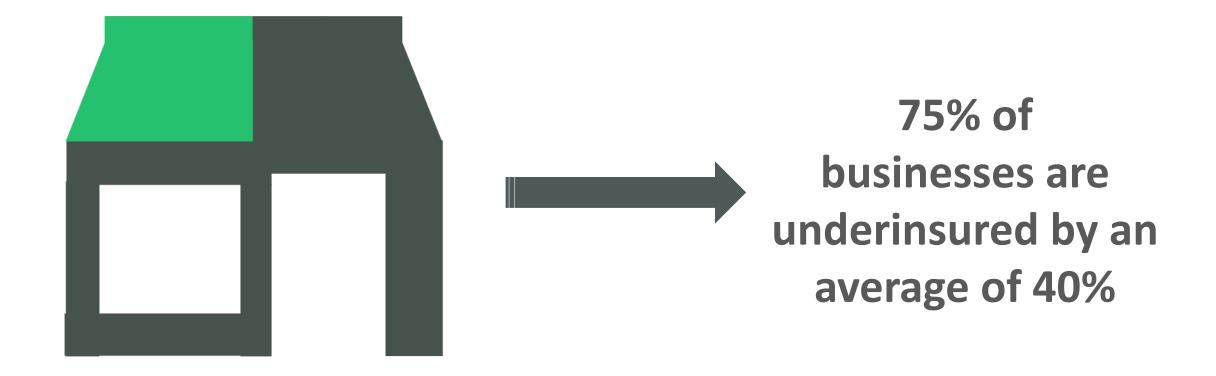


64% of homes are underinsured by an average of 24%

24% of a \$200,000 home is \$48,000



Adequately Insured vs Underinsured



40% of a \$500,000 business is \$200,000













Louisiana HB451 2021 (Act 30)

Effective July 1st, 2022

- Building or retrofitting to the FORTIFIED Home™ or FORTIFIED
 Commercial™ standards will qualify for a reduced rate or discount on hazard insurance.
- Homeowners receiving mitigation credits/insurance discounts may continue receiving discounts as long as they meet requirements.
- Insurance discounts are also available for meeting the Louisiana State Uniform Building Code.







- 19% of Louisiana residents live in multifamily housing
- Residents prefer FORTIFIED
- FORTIFIED is profitable for owners
 - Inexpensive
 - High return





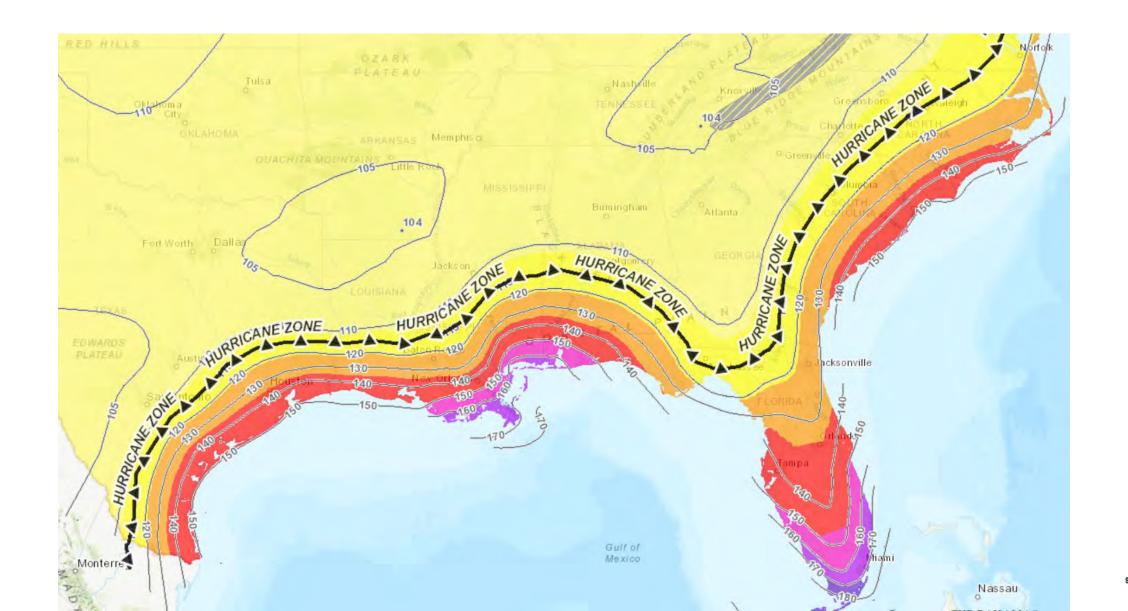


Specs:

- 2 stories
- 30 units
- 30,000 square feet
- Construction cost = \$3,000,000
- FORTIFIED cost over code
 - \$6,600 \$38,000
 - 0.23% to 1.27%







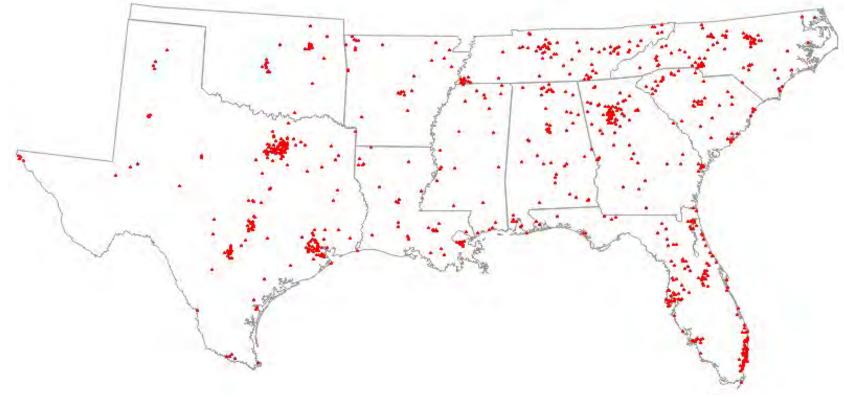


Zone	Fortified Roof	Fortified Gold	
Hurricane (≥140)	\$7,000	\$7,000	
Hurricane (<140)	6,600	38,000	
High wind and hail	16,900	16,900	



Willingness to Pay Survey

- 202 I
- 1,050 Respondents
- | | states



"How much more rent would you pay to live in a FORTIFIED apartment complex?"



Willingness to Pay Survey

- 74% willing to pay at least 0.5%
- AR, OK, TN = \$6 / month
- Coastal states = \$12 / month





Table 2: Average Expected Insurance Premium Reductions from FORTIFIED

FORTIFIED	Wind	Expected	Risk	Premium			Discount	
Program	zone	loss	load	Standard	Roof	Gold	Roof	Gold
Hurricane	>140	\$5,327	\$10,653	\$15,980	\$14,694	\$9,858	\$1,286	\$6,122
Hurricane	≤140	2,170	4,340	6,511	5,598	4,254	913	2,256
HWH	<115	2,002	2,002	4,003	3,197	2,784	806	1,219



	Hurricane Roof >140	Hurricane Gold > 140	Hurricane Roof 115-140	Hurricane Gold 115-140	HWH Roof	HWH Gold
1 Loss/insurance savings	\$1,286	\$6,122	\$913	\$2,256	\$806	\$1,219
2 Increased demand	2,160	2,160	2,160	2,160	1,080	1,080
3 Annual benefit	3,446	8,282	3,073	4,416	1,886	2,299
4 Cost	7,000	7,000	6,600	38,000	16,900	16,900
5 Payback period (years)	2.03	0.85	2.15	8.61	8.96	7.35
6 Internal rate of return	49%	118%	47%	10%	9%	12%



Thank you

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Culverhouse College of Business

Alabama Center for Insurance Information and Research



Questions?







Technical Outreach Director









TRAVELERS INSTITUTE



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