











## Billboard as a Tarping Solution

The Problem: Blue tarps that are given out by FEMA in the aftermath of a hurricane often fail. Tarps can be used for years before a homeowner is able to replace a roof. During these days, tarps are subjected to wind, sun, rain, and if they are not high quality- they will fail. Standard tarping uses strips of wood fir and nails or screws to secure down the tarp. Each time you put a nail into a roof, you put another small hole. Thus Lousiana Just Recovery Network was eager to find an alternative solution.

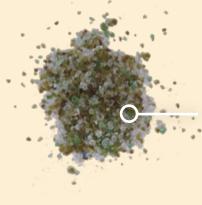




A Solution: Billboards. Billboards are a material that are meant for being outside, meant to withstand wind, rain, harsh weather. They are made from vinyl and have an inner rib stop grid meaning they do not rip even when holes are put into them. Billboards cannot be recylced- they are made from strong plastic and will not breakdown in landfills easily.



Sandbags Made From Billboards: We prototyped sandbags sewed from billboards filled with sand from Glass Half Full. We used this to piolet our sandbag tarping system.



Sand: Sand made from recylced glass bottles by Glass Half Full Nola- a non-profit that fills a gap in New Orleans glass recycling.

## Louisiana Just Recovery Network No-Nail Temporary Roofing Method

The Problem: Over time we've seen countless tarps fail due to wind and damage from the elements. We've learned that the more nails you put into a tarp, the more holes you are putting into the roof as well. MORE NAILS MORE PROBLEMS!

The Solution: No-nail tarping using a stronger material than tarps- repurposed billboards- and flexible weight system using anything you've got.

## Repurposed Billboards:

Billboards are printed on reinforced vinyl material that is strong, waterproof, durable, and flexible.

PROS: Diverts waste from landfill, lasts longer, they're BIG!

Tie Down System: We are securing our billboards using ropes and sandbags made from the same billboard material.

PROS: requires no nails, customizable, get to practice your knot skills

Our Vision: We want to create a system of material reuse with our temporary roofing method- diverting materials that would be wasted and turning them into long-lasting solutions. We see this being a job creating endeavor- people will process the billboards, cut and sew them into sandbags, and then install our system on houses.

Your Input: This system can be implemented with tarps, you can tie tarps down to cinder-blocks, trees, whatever you got. If you use no-nail tarping or have an idea about how to use it, please reach out! Scan our QR code to get in touch.

## Recycled Glass Gravel:

We fill our sandbags using sand from Glass Half Full- a glass recycling program based in New Orleans.

PROS: keeps glass out of landfills, creates new community relationships, uniquely designed A Plan: We presented a No-Nail Tarping Plan at the Gulf South Gathering for Climate Justice and Joy to get feedback. While the plan was well received, the tarping solution was never quite implemented. Nailing into roofs is faster and once nailed, tarps are less likely to move around. This is important because LJRN serves an elderly population.



A roof on a home in St. James Parish lies bare amid a roof repair. The roof was repaired 4 months after it was damaged from Hurricane Ida.

