



FOR IMMEDIATE RELEASE

World's First "Green" Pipe Recognized by ASCE Innovation Award

Monday March 14, 2016

Tucson, AZ – QuakeWrap's StifPipe® has received the 2016 American Society of Civil Engineers (ASCE) Innovation Award in the category of "Green Engineering". The award recognizes this new pipe technology as the world's first green and sustainable pipe. The pipe was invented by QuakeWrap President Dr. Mo Ehsani who is a Professor Emeritus of Civil Engineering at the University of Arizona.

"StifPipe® can be easily manufactured to any shape or size, will not corrode, and weighs about 10% of conventional pipes. The walls of StifPipe® consist of a lightweight honeycomb core covered with carbon or glass Fiber Reinforced Polymer (FRP), a technique that has been successfully used in the aerospace and ship-building industries for decades." Ehsani explained. StifPipe® has already been used to repair deteriorated pipes and culverts in both the U.S. and Australia saving significant costs over traditional repair methods.

The ability to build the pipe onsite, lightweight materials, fast production rate, recyclable materials that are durable and environmentally safe are among the factors that contribute to the sustainability of this innovative product. Ehsani noted that "with many construction projects trying to achieve LEED certification, the use of StifPipe® can contribute significantly towards achieving such certification on pipeline projects."

A Mobile Manufacturing Unit (MMU) has been developed that allows continuous onsite construction of this pipe at a rate of 2 miles per week. This version of the pipe, aptly named *InfiniPipe®*, promises to revolutionize the pipeline industry by offering the first sustainably manufactured pipe that will significantly reduce the carbon footprint of future pipeline projects.

More information about the award is available at (<http://goo.gl/MFfOuh>).

You can watch videos of two projects where StifPipe® has been used at (<https://goo.gl/OBIVre>), (<http://goo.gl/XfQCV>) and (<https://goo.gl/eCyjhH>)

About QuakeWrap

QuakeWrap Inc. is a leading designer, supplier and installer of quality, innovative Fiber Reinforced Polymer (FRP) products for repair and strengthening of structures. The company is also a pioneer research and development firm committed to providing economical solutions and unparalleled service to engineers, architects, and owners.

QuakeWrap's system is made up of flexible fabrics composed of carbon or glass fibers, a high-viscosity tack coat, and a saturating resin. FRPs are used in structural strengthening as well as in protecting against moisture intrusion and corrosion. They are extremely easy to install, and can be used without removing the existing structure. The ease and speed of installation almost always make FRPs a more economical alternative in retrofits and renovations.

QuakeWrap was founded in 1994 by Dr. Mo Ehsani, an internationally recognized expert and researcher in the use of FRPs and a Centennial Professor Emeritus of Civil Engineering at the University of Arizona.

Dr. Ehsani has been featured on CNN, The History Channel, National Public Radio, and in other media, including Engineering News Record (ENR) for his expertise on the strengthening of structures, particularly related to earthquakes, terrorist attacks and other potential structural disasters.

Contact

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