



For Immediate Release

Ten Social entrepreneurs Show Off Hardware Innovations

ASME, The American Society of Mechanical Engineers, brings ISHOW to Washington on June 16, 2016

NEW YORK, June 6, 2016 – Ten start-ups with hardware prototypes have been named finalists in the 2016 ASME ISHOW, a competition to be held June 16 at the District Architecture Center in Washington DC. https://youtu.be/NIbb4_i4Cn0

The ten teams of socially-minded tech innovators have been selected from a pool of applicants to demonstrate products that offer the potential to remedy environmental, economic, and social problems afflicting the globe. Three winners in the competition will share \$50,000 in prize money from The American Society of Mechanical Engineers (ASME), which in addition to the program in the nation’s capital held two other 2016 ISHOW events in India and Kenya. www.thisishardware.org

“ASME launched ISHOW because research shows the lack of support for hardware innovators seeking entry into global markets,” said Julio C. Guerrero, president of ASME. “The products in the competition all demonstrate the potential for making a social and environmental impact, while showcasing the creativity and ingenuity of tomorrow’s engineering problem-solvers and business leaders.”

In the competition, the contestants will pitch their product prototypes to judges. The pitches will outline the engineering design attributes of the prototypes and also include a discussion of plans for manufacturing, implementation, marketing, and financing. <https://twitter.com/asmeishow>

The finalists in Washington, D.C. are:

- *The **Otter** is what designer Tim Prestero names his low-cost, yet efficient incubator for premature and low birthweight newborns. <http://bit.ly/1M63Yk2>*
- *The **Crapper**, developed by Jason Kass and the social business venture Toilets for People, is an affordable, waterless toilet that incorporates a plastic tray for the*

safe removal of human waste products to outdoor composting sites. <http://bit.ly/1Skg8Ho>

- Developed by Erin Ross, **StoveTrace** is a cloud-based remote data system that continuously monitors the performance of cooking stoves in rural households and delivers information in real time to users.
- **PayGo** is Nick Quintong's concept for a "smart" energy meter that provides access to a range of different fuels and their costs, allowing payment flexibility for customers while at the same time weaning communities from using environmentally damaging charcoal and kerosene.
- Adam Dixon's **Hydrosac** is an affordable yet reliable hydroponic system featuring an integrated aerator that provides efficient root respiration via diffused oxygen, enabling farmers in rural communities to maintain crops and increase yields.
- **Calliope**, designed by Keri Waters, monitors household water usage and water problems, like leaking faucets and pipes, and delivers notifications to smartphones. <http://bit.ly/1VtZlZA>
- Incorporating data from behavioral science and other sources, Kayla Matheus has created **MOTI**, an Internet-based device that allows a full computer-human interface allowing users to enjoy access to happier and healthier lifestyle choices. <http://bit.ly/1VaZca>
- **NODE**, designed by Gordon McCambridge, is a low cost data monitoring device that employs advanced sensors to deliver medical, weather, travel, and other information to mobile phones. <http://bit.ly/1TcCo6g>
- Jessica Menold's **AMPARO** is a bioengineered socket that can be readjusted and reshaped to allow users various degrees of functionality while minimizing the financial burden associated with customized prosthetics. <http://bit.ly/1SndGmP>
- **AguaPallet**, designed by Shaun Craill, is a wheeled cart with a hollow containment for storing water and medical supplies. <http://bit.ly/1YQshpf>

"ASME congratulates all finalists," noted Guerrero. "They are making a difference in a world increasingly reaching out for new ideas and innovations to solve problems and improve the lives of all people."

About ASME

ASME helps the global engineering community develop solutions to real world challenges. Founded in 1880 as the American Society of Mechanical Engineers, ASME is a not-for-profit professional organization that enables collaboration, knowledge sharing and skill development across all engineering disciplines, while promoting the vital role of the engineer in society. ASME codes and standards, publications, conferences, continuing education and professional development programs provide a foundation for advancing technical knowledge and a safer world. For more information, visit www.asme.org.

About ASME Innovation Showcase (ISHOW)

The ASME ISHOW is a global competition for hardware led social innovation. Applicants must have a prototype and be taking a physical product to market that will have a social or environmental impact. Finalists are invited to an ASME Innovation Showcase's in India, Kenya or the USA and receive advice from industry experts and investors. Three winners are selected at each location to share \$50,000 in cash and a design and engineering review delivered by industry experts. The ASME ISHOW is sponsored by The Lemelson Foundation and the ASME Foundation. www.thisishardware.org

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