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White House Demo Day showcases innovation developed jointly by Czero and Onboard Dynamics to transform natural gas vehicle (NGV) refueling

Fort Collins, Colorado – August 7, 2015. Presenting an automotive-engine cleantech innovation in development through collaboration with Czero engineers, Onboard Dynamics was among 32 startup companies to exhibit at the first-ever White House Demo Day on August 4. Hosted by President Barack Obama, the event highlighted the diversity in entrepreneurship at the heart of the U.S. innovation economy.

In remarks at the event, President Obama said, “Here in this room, we’ve got some of the best and brightest entrepreneurs America has to offer, folks from all across the country who are working every day to transform the way we live and learn and communicate.”

At the White House, Onboard Dynamics showcased its dual-function NGV engine that compresses natural gas from low-pressure lines, enabling any home or business with a natural gas line to serve as a refueling station. Onboard Dynamics CEO Rita Hansen used a 3D-printed model of the system, designed and printed by Czero, to demonstrate how the technology works.

Involved since the inception of the project, Czero’s R&D team is currently working with Onboard Dynamics on the next-generation design for commercial launch. Prototypes of the system are currently being tested in labs in Colorado and Oregon.

“U.S. policymakers increasingly are evaluating how alternative fuels can impact our country’s overall energy use,” said Hanson. “With Onboard Dynamics’ unique natural gas compression technologies, vehicle owners can save money and significantly reduce their greenhouse gas emissions by refueling with natural gas or renewable natural gas instead of traditional fuels.”

“The Czero team is profoundly honored that the White House chose to showcase an innovation we played an integral role in developing,” said Guy Babbitt, Czero co-founder and CEO. “A huge congratulations to Onboard Dynamics for being among the startups invited to White House Demo Day.”

Onboard Dynamics’ NGV refueling innovation originated with joint research conducted by Czero and the Energy Systems Laboratory at Oregon State University (OSU) – Cascades, and OSU researchers also remain involved in advancing the technology.

About Czero Inc. | www.czero-solutions.com

An advanced engineering R&D services firm focused on early-stage, concept-to-prototype development of new technologies, Czero works with multinationals, startups, universities and government organizations around the globe to solve real-world energy challenges with innovations that improve energy efficiency and reduce harmful emissions. Founded in 2007, Czero is an in-house partner of Colorado State University’s Energy Institute at the Powerhouse Energy Campus in Fort Collins, Colorado. A recent *Colorado Companies to Watch* award winner, Czero was also named to Northern Colorado’s *Mercury 100* list in 2015.

About Onboard Dynamics, Inc. | www.onboarddynamics.com

Onboard Dynamics, Inc. seeks to lower fuel costs and carbon emissions by removing barriers to driving natural gas-powered vehicles. Its product line integrates natural gas compression into cars and trucks, allowing drivers to refuel from any low pressure natural gas supply line. Founded in 2013, Onboard Dynamics is based in Bend, Oregon. Several patents covering the company's innovative technologies are being pursued.

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