



Bowman Power Lifts The Lid On Product Development Process At Power-Gen Asia

20th September 2018

[Bowman Power Group Ltd](#) (Bowman), today revealed unprecedented insights into the development of their Electric Turbo Compounding (ETC) products, at the 73rd Indonesia National Electricity Day & POWER-GEN Asia.

Dr. Shinri Szymko, Bowman's Head of Engineering, gave the presentation to the assembled audience in Jakarta, Indonesia. It was one of several talks given to more than 8,000 attendees.

Dr. Szymko's talk focused on the development of their latest waste to energy product for diesel and gas engines, the ETC 1000. From explaining the concepts that drive ETC technology, through to showing system set-ups, he grounded the presentation in the fundamentals before diving into the product development process.

The presentation explored Bowman's new product introduction process, working through the extensive work required at each stage from opportunity to concept, design, validation and production. Throughout these phases he looked at the funding, research, testing and third-party work required to bring a new energy efficiency product to market.

Most notably, he also showed how Bowman achieved a 40% cost reduction and 50% improvement in reliability in the space of just a few short years.

Paul Dowman-Tucker, CEO of Bowman, said "With ETC 1000 now in full production and in use on several customer sites, it felt like the ideal time for us to reflect on the considerable effort required to bring it to market. From the drastic improvements in cost and reliability, through to the detailed work of Bowman's staff and our partners, there's a lot to explore. We hope the audience at POWER-GEN Asia, and those viewing the slides on our website, find the content insightful."

The full presentation can be found on [Bowman Power's website](#).

--- ENDS ---

CONTACTS:

Mike Essex
Head of Marketing
Bowman Power Group
Email: MEssex@bowmanpower.co.uk
Telephone: +44(0)23 80352511
Website: www.bowmanpower.com

ABOUT BOWMAN POWER GROUP

Bowman is a provider of engine efficiency solutions including the design, development, installation and ongoing maintenance of high speed electrical machines. They help customers to generate additional power, reduce emissions and reduce fuel consumption.



Their award-winning Electric Turbo Compounding (ETC) technology has been deployed worldwide, generated in excess of 620GWh of free energy and saved over 300,000 tonnes of CO₂. The majority of major engine and genset original equipment manufacturers (OEMs), large independent power producers and a global leader in the rental sector have all used Bowman's technology to improve genset efficiency.

Bowman is supported by a number of leading investment companies, including [Ombu Group](#), [Fjord Capital](#) and [Octopus Ventures](#). The company is based in Southampton, UK, and employs approximately 70 staff.