Vemaventuri, a PERI Subsidiary, Expands to the U.S. Market with Concrete Sensor Solutions

Vemaventuri, a subsidiary of PERI and a trailblazer in concrete sensor technology, is proud to announce its official entry into the U.S. market. The launch will take place at the World of Concrete Trade Show in Las Vegas, from January 21-23, 2025. At this premier industry event, Vemaventuri will introduce its concrete monitoring technology as part of the innovative products of PERI USA. The PERI Group is one of the world’s largest manufacturers of formwork and scaffolding systems. Vemaventuri’s partnership with PERI USA strengthens the company's ability to provide its innovative solutions to U.S. customers and offers expertise and support in the field of formwork and sensor technology.

“We are thrilled to bring Vemaventuri’s sensor technology to the U.S. construction industry,” said Strydom Groenewald, CEO of PERI USA. “The successful first use of the products in the U.S. demonstrates their potential to change the way we approach concrete monitoring and construction efficiency. Vemaventuri’s combined sensor solutions provides a unique opportunity to approach critical construction challenges for our U.S. customers with smarter, data-driven solutions.”

**Successful First Use of PREMO in Hawaii**

Vemaventuri’s PREMO Concrete Pressure Monitoring product has already demonstrated its capabilities in the U.S. market. The technology was deployed by Foundations Hawaii Inc. on the Hawaii’s Airport Modernization Program, where it delivered real-time monitoring of concrete pressure during complex pours. This facilitated precise adjustments that helped manage structural integrity, reduce risk, optimization of formwork utilization and reduce costs. “The system is really useful for us, as far as monitoring the concrete, we have a lot of pressure that’s critical for us in delivery. It’s really simple, easy-to use,” said Max Matola, Project Engineer. This successful deployment underscores the product’s value in real-world scenarios, paving the way for broader adoption across the U.S. construction industry.

**Vemaventuri’s Monitoring Solutions**

Vemaventuri’s portfolio of innovative technology includes a suite of sensors solutions, PREMO, TEMO, and PHONO, all operating on a unified platform with. These products are designed to improve efficiency, safety, and quality on construction sites, minimizing risk and enabling teams to better manage industry challenges like labor shortages, budget constraints, and project delays.

The PREMO system provides real-time concrete pressure monitoring, enabling better formwork utilization and enhanced safety during pours. TEMO offers temperature and maturity monitoring, optimizing concrete curing and allowing for faster project timelines. PHONO delivers precise compaction and fill-level monitoring, ensuring high-quality results with reduced risk and cost.

“Our mission is to improve the construction industry by equipping decision-makers with real-time, accurate data – putting them in a position to take better decisions,” said Michel Seeger, CEO of Vemaventuri. “Whether it’s addressing labor shortages, ensuring budget compliance or reducing timeline delays, our smart sensors and integrated data systems empower teams to work smarter and more efficiently, whether they are pouring concrete or monitoring compaction.”

**Why Now? The U.S. Construction Market at a Turning Point**

As the construction industry faces increasing pressures, Vemaventuri’s technology is uniquely positioned to support U.S. construction firms in addressing these challenges head-on. The company’s sensors offer solutions that minimize manual oversight, optimize workflows, and reduce project costs, while improving safety and overall project quality. The timing of Vemaventuri’s U.S. launch could not be more relevant, as the industry seeks to do more with less in an environment of rising demands and constrained resources.

The World of Concrete 2025 will be a pivotal moment for Vemaventuri to engage with U.S. industry leaders, showcase their groundbreaking products and demonstrate its commitment to transforming construction practices for the better.

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About Vemaventuri:

Vemaventuri, a subsidiary of PERI, is at the forefront of concrete sensor innovation. By combining advanced technology with practical construction insights, the company delivers solutions that enhance efficiency, safety, and sustainability. For more information, visit [www.vemaventuri.io](http://www.vemaventuri.io/).

About PERI USA:

PERI USA, headquartered in Baltimore, USA, is a subsidiary of PERI SE, a global leader in formwork and scaffolding solutions. With a commitment to innovation and quality, PERI provides cutting-edge products and services to the construction industry.

Ein Bild, das Menschliches Gesicht, Person, Kleidung, Mann enthält.

Automatisch generierte BeschreibungImages:

Michel Seeger, CEO Vemaventuri Jobsite Image Hawaii Project