

Kerlink and Sensoterra Smart-Farm Solution Targets 30 Percent Reduction in Water Consumption

*Wireless, Soil-Moisture Sensors Designed and Built Using Kerlink Reference Design
And LoRa® Technology Provide Farmers with Real-Time Conditions across Their Fields*



PRESS RELEASE

Thorigné-Fouillard, France and Amsterdam – June 13, 2019, 08:30 a.m. CET – **Kerlink** (ALKLK - FR0013156007), a specialist and global leader in solutions dedicated to the Internet of Things (IoT), and **Sensoterra**, a leader in wireless soil-moisture-sensor solutions, today announced a partnership to empower farmers to make data-driven, land-management decisions and reduce their water consumption by up to 30 percent.

Using Kerlink's LoRaWAN®-based Low Power IoT Reference Design platform to produce a new class of soil-moisture sensors, Sensoterra will launch its new sensors in the U.S., Europe, and the Asia Pacific (APAC) region beginning this year.

Soil moisture data is becoming a key component of sustainable farming programs globally as producers contend with increasingly erratic weather patterns and drier growing seasons. Measuring precise moisture conditions in their fields helps farmers maintain soil health, improve water conservation, and increase yields.

Sensoterra has been working with growers since its founding in 2014 to bring smart soil-moisture solutions to market. In addition to providing soil monitoring for row-crops, orchards, and soft fruits, the company's technology also supports efficient water use in public and private landscaping projects and municipal parks and sports fields. The company's current line of probes can measure soil-moisture down to 36 inches with 99.5 percent accuracy and the company's software allows users to zoom into conditions around individual probes.

"Less than 2 percent of agricultural land worldwide is equipped for soil-moisture measurement, which presents a very large market for wireless soil-monitoring and a big opportunity to improve water conservation," said Christine Fraser-Boer, chief operating officer, Sensoterra. "Sensoterra is targeting that space, and Kerlink's LPloT Reference Design platform significantly lowered R&D costs and shortened time to market for our new moisture sensors. We expect U.S. Federal Communication Commission (FCC) certification of our new probe this year so that we can offer these sensitive, smart-farming sensors in the U.S. by year-end. Incorporating this platform in our sensors also allows us to quickly follow our U.S. rollout with launches in Europe and APAC."

"Kerlink's off-the-shelf Low Power IoT Reference Design and production-ready bill of material eliminates up to 12 months of development time for LoRa devices, and cuts their R&D costs by up to 30 percent," said Yann Bauduin, Kerlink's vice president for Europe, the Middle East and Africa (EMEA). "It is a powerful way for Sensoterra to bring its new soil-moisture-monitoring sensors to market quickly, and expand its business in a crucial smart-agriculture application."

Kerlink LPloT Reference Design gives designers, software developers, architects, and operation engineers step-by-step directions for quickly conceiving and producing IoT connected end-devices that deliver high performance, low energy consumption, and optimized radio performance. The platform is continuously updated with the latest low-power, wide-area (LPWA) specifications and standards, and incorporates Semtech's new SX1262 radio transceiver, which is ideal for long-range wireless applications and long battery life.

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About Kerlink Group

Kerlink Group is a leading global provider of end-to-end network solutions for the Internet of Things (IoT), serving telecom operators, businesses, and public authorities worldwide. Based in Thorigne-Fouillard, France, with a U.S. subsidiary in Chicago, Kerlink is a leading global provider of LoRaWAN® network equipment, software, and services. Its growing suite of turnkey IoT services includes network planning, design, and operational management that maximizes performance of its market-leading, carrier-grade infrastructure offering. The Group, widely recognized for its IoT expertise, also continually introduces innovative value-added services, such as network-based geolocation, remote end-device management and low-power IoT reference design, which allows its customers to quickly bring to market IoT-ready devices and to imagine innovative business models to monetize their deployments. Most recently, Kerlink introduced an expanded service, solution design, as part of its growing suite of services for companies and smart cities.

In just over 11 years, more than 120,000 Kerlink installations have been deployed in more than 69 countries. Kerlink is supplying more than 330 customers worldwide, including major telcos such as Tata Communications, and service providers such as GrDF and Suez. The company's solutions are enabling major deployments in Europe, South Asia, South America, Japan, and Oceania. Kerlink, a co-founder and board member of the LoRa Alliance™, has invested more than €16 million in R&D over the past five years. It has been listed on Euronext Growth Paris since May 2016 and entered the 150 fast-growing French SMEs "EnterNext PEA-PME 150" index in 2017. In 2018, it joined the "Tech 40 index", which recognizes the top-performing tech SMEs on Euronext's markets in Amsterdam, Brussels, Lisbon and Paris.

For more information, visit www.kerlink.com or follow us on Twitter @kerlink_news.

About Sensoterra

[Sensoterra](http://www.sensoterra.com), world leader in wireless soil moisture sensor solutions, provides data-driven solutions for optimizing land and freshwater resources for agriculture, horticulture, landscaping and nature restoration. Empowering better decision making for land management through smart soil moisture measurements. Sensoterra was founded in 2014 and is based in Amsterdam, the Netherlands. Today there are over 5,000 Sensoterra sensors in the ground, globally.

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Upcoming events

H1 Revenues: July 23rd 2019 after close of trade

www.kerlink.com

SENSOTERRA

Sensoterra contact:

Jessica Nuboer
Marketing Manager
+31 (0) 20 23 76 390
jessica.nuboer@sensoterra.com

actifin

communication financière

Investors contact:

Actifin
Benjamin Lehari
+33 (0) 1 56 88 11 25
blehari@actifin.fr

MIL

Press and market analysts contact:

Mahoney Lyle
Sarah-Lyle Dampoux
+33 (0) 6 74 93 23 47
sldampoux@mahoneylyle.com

Financial press contact:

Actifin
Isabelle Dray
+33 (0) 1 56 88 11 29
idray@actifin.fr



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