

SMART CITIES MISSION TO INDIA 2017

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Aretas Sensor Networks



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CORPORATE PROFILE

Aretas Sensor Networks produces and manufactures best-in-class wireless sensor modules that can detect a wide-variety of environmental parameters. Aretas also operates self-owned IoT Cloud Infrastructure. All of Aretas' sensors and IoT Gateways send sensor data to the Aretas IoT Cloud, where sensors and data can be visualized, analyzed and acted upon. Aretas Aerial is a division of Aretas Sensor Networks that manufactures UAVs (drones), UAV payloads and provides UAV flight services.

OBJECTIVES FOR THE INDIAN MARKET

Seeking to collaborate with Indian companies to adapt, test, and refine products for the unique requirements of the Indian market, with the goal to develop strategic partnerships to sell and distribute Aretas products and services.

EhEye Inc.



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CORPORATE PROFILE

EhEye is an artificial intelligence company specializing in automated object and activity detection within streaming video, with a specific focus on the pillar of public safety and security. The system operates on rules-based approach where it monitors for elements of interest, or an anomalies-based approach where it highlights elements out of the ordinary. EhEye's predictive modeling and actionable insights into human behaviour will be a strong enabler of the next generation of public safety innovation.

OBJECTIVES FOR THE INDIAN MARKET

Seeking to collaborate with an organization working on a high-priority security use case that is interested in collaborating as an early adopter in the development of the system.



Fireseeds North Infrastructure



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CORPORATE PROFILE

Fireseeds North Infrastructure (FNI) is a specialized multidisciplinary civil engineering firm that develops and applies technologies to set, allocate and defend transport budgets. FNI's technology enhances road safety studies by automatically analyzing traffic video to detect and categorize near-miss conflicts between users. FNI also performs accompanying studies that support the technology, including in-service road safety reviews, corridor safety studies, road safety audits, and road safety before-after studies.

OBJECTIVES FOR THE INDIAN MARKET

Seeking to collaborate with an ICT firm with complementary computer vision and/or artificial intelligence expertise to advance the development of FNI's traffic video analysis software. Collaboration could also include the development of a data collection methodology and process for the collection of video data along transportation corridors in India.

Hydro Processing and Mining Ltd



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CORPORATE PROFILE

Hydro Processing and Mining Ltd.'s (HPM) patented SAR Aerator produces and distributes nano sized bubbles for aeration, bio remediation and flocculation for use in all water and wastewater treatment applications. The SAR Aerator is exceptional at distributing air to fully oxygenate a liquid or slurry at a rapid rate and low cost. It internally disperses air immediately, reaching up to 130% of oxygenation due to the nano and microbubble contact with the liquid occurring, achieving full aeration with just one pass through the unit.

OBJECTIVES FOR THE INDIAN MARKET

Seeking to collaborate with Indian organizations interested in efficient aeration solutions, waste water treatment, and a customized bio remediation package.



Nortak Software Ltd.



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CORPORATE PROFILE

Nortak provides informatics professional services to private organizations as well as to all levels of government support from infrastructure to end-user application. Nortak has technical expertise in implementing Vehicle Intersection Alert and automated transportation management systems, which improve traffic management, reduce accidents and improve vehicle safety. Nortak also specializes in the development of electronic data interchange applications.

OBJECTIVES FOR THE INDIAN MARKET

Seeking to collaborate with Indian companies to adapt Nortak's Vehicle Intersection Alert technology to meet Indian traffic regulations and ultimately commercialize the product in India.

Terragon Environmental Technologies



TERRAGON

Environmental Technologies Inc.

DR. PETER TSANTRIZOS

President

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CORPORATE PROFILE

Terragon's mission is to enable "off-grid sustainability" by developing and commercializing highly innovative and advanced waste management technologies. Terragon's novel Micro Auto Gasification System (MAGS) is the world's most compact, efficient and environmentally safe technology for the conversion of a variety of combustible materials into thermal energy. Terragon's Total Resource Utilization (TRU) Habitat safely converts water and energy from waste, and eliminates waste transfer for solid and liquid waste.

OBJECTIVES FOR THE INDIAN MARKET

Seeking to collaborate with a local partner or distribution client to support the implementation of TRU Habitat and advance its commercialization in the Indian market.



Government of Canada
Trade Commissioner Service

Gouvernement du Canada
Service des délégués commerciaux

Canada

TotalPave



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CORPORATE PROFILE

TotalPave enables paving engineers to collect standard road condition data using smartphones instead of traditional million-dollar high-speed data collection vans. With TotalPave's novel software app, data collection, storage and analytical tools, transportation departments can now find and measure the severity of road disrepair at a fraction of the cost. All data collected in the field is automatically transmitted to cloud-based servers and posted to a client specific web portal accessible via any web-browser. From there it is mapped and color coded on the portal's dashboard, making it easy for the paving engineer to visually pinpoint specific streets in the network that need maintenance.

OBJECTIVES FOR THE INDIAN MARKET

Seeking to collaborate with both early adopters as well as potential value-added resellers. With a fully tested system in operation in Canada, TotalPave is interested in engaging with all levels of government in India to test the technology, and also with local companies that already operate in the pavement asset management space.



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