

Company mission to Poland in the field of Earth Observation, Remote Sensing & GIS

Warsaw: 16-18 February 2010

REGISTRATION FORM

Company/Organisation name:

Geometron Ltd

Sectors: *(in what sectors are you active?)*

1. Information & Communication Technologies
2. Environment (including climate change)
3. Agriculture - Forestry
4. Transport
5. Space

Activities / short profile:

1. Information & Communication Technologies: Personalised ICT systems & digital content management.
2. Environment (including climate change): Pressures on environment & climate, natural hazards, conservation & sustainable management of natural resources & biodiversity, environmental technologies for observation, simulation, prevention, mitigation, adaptation & restoration of the natural environment, protection & conservation of cultural heritage, Earth observation systems, monitoring methods for the environment & sustainable development, forecasting methods & assessment tools for sustainable development.
3. Agriculture: Precision agriculture, resource (water, pesticides, fertilizer etc) management.
4. Transport: Navigation & timing services, efficient use of satellite navigation, fleet management.
5. Space: Processing of satellite observation data for environmental management, agriculture, forestry & meteorology, civil protection & risk management.

COMPANY PROFILE

Title:

Geometron Ltd

What you offer:

A Wireless Sensor Network & GIS for environmental research, microclimate studies, crop monitoring & precision agriculture encompassing areas such as conservation, groundwater contamination, use of natural resources and air pollution. It also monitors, detects and presents spatially, environmental parameters related to forest fire incidents on maps, forest management & civil protection.

Benefits: solar powered, web-based data viewing, customizable alarms, easy setup & scalability, no maintenance fees, reliable wireless mesh network, diverse range of integrated sensors which are plug-and-play.



Services include among others, consultancy, research & applications on:

- Precision Farming, Subsidy & Soil condition analyses, crop inputs analyses.
- Change detection, Geovisualization, Cadastral, DEM creation
- Ecological load monitoring, landscape assessment, water management.
- Emergency planning, route navigation, fleet management
- Spatial analysis, urban planning & habitat restoration
- Enterprise GIS deployment
- Connections with renowned European universities & research institutes capable of founding research, development & innovation in the aforementioned themes.

Collaboration details:

Type of collaboration(s) sought (*Mark with X*):

- | | |
|---|---|
| <input checked="" type="checkbox"/> License Agreement | <input checked="" type="checkbox"/> Commercial Agreement |
| <input checked="" type="checkbox"/> Technical Co-operation | <input checked="" type="checkbox"/> Research & Development |
| <input checked="" type="checkbox"/> Joint Venture Agreement | <input checked="" type="checkbox"/> Partner Search for EU Project |
| <input checked="" type="checkbox"/> Manufacturing Agreement (Subcontracting & Co-contracting) | |

What you are looking for:

A software tool integrating GIS & Wireless Sensor Networks to replace manual data updates of spatial & environmental information, with real time updates on screen.

A partner with scientific bedrock capable of promoting our customized system according to regionally applied methodologies, policies, models & attributes. Applications include all themes of the previous section. Technology is already on the market.

GIS/remote sensing software solutions for Precision & Traditional Agriculture (Yield estimates, Soil condition analyses, Field variability/crop vigour, Crop damage prevention) and natural hazards monitoring, detection, response & mitigation. Spatial data providers.

The desired framework of collaboration is either a bilateral agreement, or National & European Funding Programmes, in terms of researching, developing and applying solutions related on the aforementioned thematic categories.

Partners: Regional authorities, SMEs with similar profile as ours, university laboratories & research institutes specializing in environmental informatics, Earth observation, GIS & remote sensing, wireless sensor networks. Companies & organisations of the energy & telecommunications, tourism, agriculture, environmental protection & management sectors, NGOs & emergency services.