REASeuro and GIS

A geographic information system (GIS) is a system designed to capture, store, manipulate, analyse, manage, and present all types of spatial or geographical data.

In the recent years the utilisation of GIS tools for digital mapping in the field of UXO clearance operations have taken a flight. Currently REASeuro leads its market in the application of (Arc)GIS as a tool for planning, management and reporting.

Planning:
Large scale development projects require thorough planning of the different phases of the UXO clearance process. GIS provides the possibilities to ensure both spatial planning and operational planning. This assures follow up (civilian) construction works can commence as scheduled.

Management:
Stakeholders can perform Quality Control checks at any given moment and provision of web based GIS information enables project managers and clients to monitor the progress of the operation.

Reporting:
In the civilian industry issues like insurance, and liability play a major role. By creating and maintaining a full auditable trail in the project GIS database all project information is kept safe for the future. Also Clearance Certification can be provided immediately upon completion of the clearance operation.

Near future:
The process of developing GIS as a tool in the UXO clearance industry is still in the pioneering phase. REASeuro desires to stay ahead of her competition by continuous GIS R&D. At present REASeuro is implementing "mobile GIS" enabling UXO experts in the field to acquire and provide data on site. Our next step will be the integration of GIS as a tool for display and storage of real time data during aerial UXO detection by drones.