

Greece Selects Trimble

Trimble (CA, USA) has been selected by the Greek National Cadastre, KTIMATOLOGIO S.A., to supply Trimble VRS network hardware and software to establish a nationwide GNSS infrastructure network for the country of Greece.

Trimble will also provide complete network set up, deployment and operation during the initial start-up period. The Trimble VRS network will provide a fixed geospatial infrastructure for surveying, engineering and GIS professionals that enables high accuracy Real-Time Kinematic (RTK) GNSS positioning, significantly increasing efficiency and productivity.

Known as HEPOS (Hellenic Positioning System), the GNSS network will consist of approximately 100 Trimble NetRS GPS Receivers and 100 Trimble Zephyr Geodetic Antennas, as well as Trimble GPSNet and RTKNet software to achieve full Trimble VRS functionality. Covering approximately 132,000 square kilometers (50,965 square miles) of mainland and islands, the HEPOS network is expected to be one of the largest GNSS networks in the world. Designed to cover the needs of the Greek National Cadastre far into the future, the HEPOS network will provide accurate and reliable centimeter-level surveying measurements to be taken faster and more cost-effectively throughout Greece.

The HEPOS network is expected to be fully operational by the end of 2007. The measurements will be collected in real time and sent to the HEPOS Control Centre, which will process the data and send the high accuracy positioning data to all users. All users will be able to receive data either in real time, or through a Web server for post-processing in the office. The HEPOS network will provide a highly reliable, cost-effective means for surveyors and other professionals to work faster and achieve more accurate GNSS results.

When fully operational, the HEPOS network will be managed by KTIMATOLOGIO SA. The network is part of the modernisation of the total land registry system in Greece and is supported by European Union funding. This project is carried out within the framework of the Greek Program "Information and Technology Infrastructure for a Modern Cadastre", which is operated under the responsibility of KTIMATOLOGIO S.A., as stated in measure 2.9 of the Operational Program titled "Information Society" with co-financing of 50% from the Greek State and 50% from the European Union.

<https://www.gim-international.com/content/news/greece-selects-trimble>
