

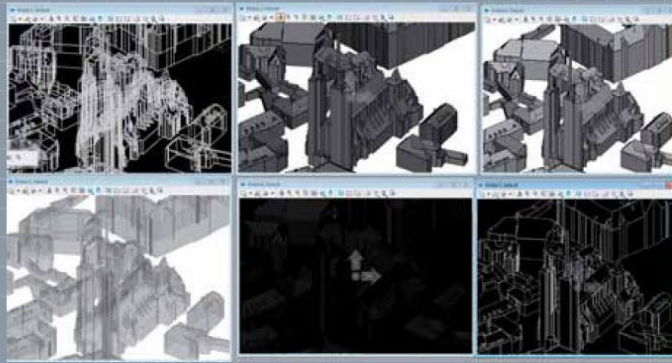
# POLAND'S GEOPORTAL PROVIDES DATA FOR ALL

Citizens, administrative bodies and the emergency services are all benefitting from the Polish geoportal at [www.geoportal.gov.pl](http://www.geoportal.gov.pl).

A universal map viewer with a mobile application allows users to search metadata for geospatial databases and services; access geospatial databases via discovery and view network services; set up personalised mapping; and search for geographical objects including address points.

To develop and maintain spatial data nodes, an SDI module developed by the Head Office of Geodesy and Cartography provides management and metadata software through network services. It also allows the harmonisation of databases maintained by different administrative bodies.

The Universal Mapping Module or UMM uses a combination of reference



data from the National Geodetic and Cartographic Resource and geospatial data from the emergency services to enable quick and precise spatial analysis for a wide range of uses.

The Head Office of Geodesy and Cartography is also part of the consortium delivering the innovative IT System for Country Protection against extreme hazards (ISOK). One of first such systems to be implemented in Europe, it will provide comprehensive data on areas threatened by flooding as well as relevant infrastructure and estimates of potential losses. The public will also be able to access information on risks related to weather conditions such as extremes of temperature, fog and high winds.

A further project was the use of LIDAR to gain altitude data for river basins with a total area of 204,000 km<sup>2</sup>. Airborne scanning was also performed to gain auxiliary materials for interpretation and information on RGB attributes for the LIDAR point cloud which were then made available via the National Geodetic and Cartographic Resources.

