

INTERGEO 2015 REVIEW



Just one of three exhibit halls covering an area of 30,000 sq.m. Photo: GeoConnexion

GOING GLOBAL. GOING GREAT!

JUST WHEN YOU THOUGHT INTERGEO COULDN'T GET ANY BIGGER OR BETTER ... IT JUST DID

As the 21st INTERGEO concluded in October, organisers HINTE GmbH announced a 15 percent growth in exhibitors and floor space and an attendance of 16,500 visitors to the world's biggest independent trade fair devoted to geodesy, geoinformation and land management.

Many of those exhibiting remarked on the senior status of contacts made at this year's three-day event in Stuttgart¹. The fact that half of the 540-plus exhibitors travelled from abroad reflects its growing international appeal. For example, the UK Pavilion hosted by GeoConnexion featured for the third consecutive year, with more exhibitors and double the floor space of last year's expo in Berlin (see also page 50 in this issue).

Customised results

It was apparent from both the exhibition and accompanying conference organised by DVW² that concerted efforts are being made to integrate geo-based developments into mainstream IT. The result: simple, user-friendly, intuitive solutions that seek to deliver customised responses to customers' requirements and those of Geospatial 4.0.

"Our technology must respond to the needs of an expanding global population.

And we're very optimistic we can do just that. INTERGEO, the key event where our international users gather under one roof, gave us the chance to demonstrate how we optimise workflows and simplify processes for our customers' benefit," said Eduardo Falcón, Executive Vice President and General Manager of the GeoPositioning Solutions Group at Topcon Positioning Group.

Flying high

The launch of a special intraerial SOLUTIONS exhibition zone reinforces INTERGEO's status as global communications hub for applications devoted to UAS (Unmanned Aerial Systems). Cina Molawi, a first-time exhibitor at INTERGEO with start-up company "Sitebots", reported that "INTERGEO is just the right platform for young, innovative companies involved in UAS. Thanks to an event that covers a broad industry spectrum, we welcomed a high proportion of decision-makers to our stand and succeeded in firmly positioning our products."

Talent spotting

Once again, a key concern of many of businesses present at this year's INTERGEO was the shortage of specialists. Needless

to say, the trade fair is fast becoming an increasingly important recruitment forum. "We have to actively combat the shortage of specialists and join forces with universities and companies to attract young talent," says DVW President Thöne.

INTERGEO 2016

As one INTERGEO draws to a close, the next already beckons. With its future-oriented focus on digital construction and smart cities, INTERGEO 2016 is moving to Hamburg. The city is already renowned for its international flair and positioned as a key centre for trade, architecture and innovation. "We have already received plenty of advance bookings for exhibition space and the signs are all positive for INTERGEO 2016!," says Christoph Hinte, INTERGEO's organiser and Managing Director of HINTE GmbH.

¹ www.intergeo.de/intergeo-en

² DVW (Gesellschaft für Geodäsie, Geoinformation und Landmanagement e.V. - German Society for Geodesy, Geoinformation and Land Management)

NEW AT INTERGEO 2015

OUR PHOTO PAGE SAMPLES SOME OF THE MANY PRODUCTS AND SERVICES THAT MADE THEIR DEBUT IN STUTTGART

Dr. Johannes Riegl Sr. unveiled the RIEGL BathyCopter, the world's first Small-UAV-based LiDAR surveying system capable of measuring through the water surface. The platform design integrates a topo-bathymetric green laser depth-meter, an IMU/GNSS unit with antenna, a control unit and a digital camera. It is shown here (right) mounted under the RIEGL RiCOPTER.

Photo: GeoConnexion



CHC of Shanghai, China, introduced its X20i GPS receiver linked to the TerraGo Edge app from TerraGo, the US-based pioneer of geospatial collaboration and enterprise mobility software. Here, Rebecca Zhang, Office Manager for CHC, explains how the TerraGo Edge app directly integrates with CHC's GPS/GNSS receivers to give mobile users dynamic monitoring and capturing of high-precision GPS data on iOS® and Android® devices.

Photo: GeoConnexion



Two French companies, SBG Systems and YellowScan, jointly presented a lightweight LiDAR with GPS and inertial guidance for fixed and rotary wing UAVs. To achieve this, SBG's Ellipse-E miniature inertial navigation system has been embedded in the YellowScan LiDAR to help capture point clouds at up to 40,000 points per second and to an accuracy of 10-15 cm.

Photo: GeoConnexion



Melown Maps from the Czech Republic showcased its service for creating and delivering high resolution 3D digital models of urban and natural landscapes, now with support for a subset of the KML standard. The image shown here is of Prague Castle, part of a 3D city model developed by Melown for the Czech national Office for Surveying, Mapping and Cadastre (COSMC).

Photo: GeoConnexion



Netherlands-based 3D-one B.V., showcased its HyperView platform for acquiring, processing and analysing data captured by multi-spectral cameras. Here, Product Manager Marco van Hout, explains how the platform, built around the company's EP12 controller and processor board (arrowed) and twin hyperspectral camera heads, includes the powerful Qseven embedded computer for specific spectral analysis or for preparing data for processing in external mapping tools.

Photo: GeoConnexion



Microsoft introduced two new versions of its UltraCam Osprey digital aerial camera (pictured): the Osprey Prime II, with bigger nadir PAN, nadir RGB, nadir NIR and oblique RGB footprints, and the Osprey Prime Lite as a new entry-level camera system. Both versions combine a high performing photogrammetric nadir camera with oblique image capture capabilities.

Photo: GeoConnexion