

Media Release

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Hanson cements appointment of Esri Australia for global technology roll-out

Hanson, one of Australia's largest heavy building materials suppliers, has appointed data mapping and location intelligence specialists Esri Australia to develop and implement a Geographic Information System (GIS) internationally.

For the past decade, Esri Australia has partnered with Hanson Australia to deliver GIS solutions that provide input into their advanced fleet allocation processes, reducing costs and time spent on the road, and increasing fuel efficiencies across Hanson's 1000 strong Australian metropolitan fleet.

18 months ago, Hanson Australia was requested by parent company HeidelbergCement to upgrade the system to the latest Esri technology and deliver a GIS solution that could be used as the blueprint for an international roll-out starting with pilot programs in the United Kingdom (UK) and with a joint venture company in Hong Kong.

"In Australia we have a highly effective GIS that set the standard for the rest of our operations worldwide," said Andrew Warde, Project Manager, Hanson. "It is a critical component of the logistics process and integrates seamlessly into our other corporate systems and processes".

"Developing a single GIS, that can be easily customised for individual country requirements, will potentially save HeidelbergCement hundreds of thousands of dollars on each additional country installation, shortening project delivery periods from 18 months to as little as just three months".

Esri Australia's GIS solution is used by Hanson's order processing and truck allocation teams to co-ordinate building materials deliveries. It enables staff to select the most efficient dispatch point in relation to the customer's address. Trucks often need to come from many different depots and the GIS calculates duration and travel time for the most efficient routes, taking into consideration road restrictions, such as no right hand turns or smaller roads that cannot be accessed by large trucks.

A large percentage of Hanson Australia's deliveries are made to new housing and commercial development sites, where road systems are only just being built. One of the key advantages of Esri Australia's GIS solution is that it enables Hanson's staff to edit and update the road network maps, saving processing time for future site deliveries.

In the future, Hanson and HeidelbergCement plan to use the technology to analyse delivery locations compared to its existing plant footprint and ensure future expansion is targeted to meet their customers' needs.

Hanson's CIO, Rob Downing adds, "Esri Australia has been an important partner since 1999. The Esri GIS system provides time and distance calculations for our truck deliveries. It is essential to get our product to site on-time, given the two hour shelf life of wet concrete, as well as pay our drivers and charge our customers correctly".

"Hanson is an excellent example of how organisations can use GIS to deliver really powerful business insights and reap significant cost benefits from doing so," comments Chris Hogan, Manager, Professional Services, Esri Australia

"A recent study we conducted of 397 geo-enabled businesses revealed IT professionals believe GIS delivers greatest return on investment when leveraged across an entire organisation. The Hanson and HeidelbergCement international roll-out of our GIS solution demonstrates an impressive understanding of the additional business value that can be achieved by enterprise-wide GIS."

The Esri Australia system is a server based technology which is being integrated with Hanson's other ERP (Enterprise Resource Planning) systems, such as SAP, to deliver comprehensive business insights and analytics around fleet use.

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About Esri Australia

Esri Australia has a 33 year history of providing location intelligence and data mapping solutions that help organisations make smart business decisions. The combination of local expertise and world-leading Esri GIS technology has helped thousands of government departments and commercial organisations to turn their data, information and knowledge into collective insight to reveal opportunity.

About GIS

A Geographic Information System is a key piece of technology used in thousands of organisations Australia-wide from the military and government, to the insurance and mining sector. Australia's GIS industry currently stands at over \$2.1 billion and more than 300,000 organisations across the world use Esri GIS.

GIS Research

Location intelligence specialists Esri Australia's research among 397 Australian businesses reveals 93 per cent of professionals who use the sophisticated data mapping technology known as Geographic Information Systems (GIS) identify it as being an important tool to achieve key business objectives. To find out more about the Research, contact astumm@esriaustralia.com.au

About Hanson

Hanson is an Australian company that is part of the HeidelbergCement Group which employs 57,000 people globally. As one of the world's leading heavy building materials companies, Hanson offers an extensive range of construction materials, including aggregate and concrete.

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