**PRESS RELEASE: DOKA MIDDLE EAST**

01st June 2015 (for immediate publication)

**Headline:**

Doka debut green concrete sensor to Dubai Municipality

**Stand first:**

‘Concremote’ product set to support green construction legislation in Dubai

**Body Copy:**

Doka officially debuted its latest innovation via a technical presentation at the Dubai Central Laboratory on Thursday 14th May 2015, which was attended by contractors, consultants and engineers from Dubai Municipality, illustrating the benefits of its latest product, Concremote.

Designed and manufactured by the Austrian formwork operator, Concremote measures the compressive strength and durability parameters of green concrete, leading to improvements in quality and safety, while reducing cost and time.

The introduction of Concremote coincides with recent legislation announced by the Dubai Municipality, which mandates the usage of green cements, such as Fly Ash or GGBFS (Ground Granulated Blast Furnace Slag), at all new construction projects as of 1st April 2015, helping to support the Dubai 2020 environmental objectives.

During the seminar, Doka’s Concremote managing director, Wilko van der Meer explained to an audience of Municipality engineers and construction experts the functionality and inherent benefits of the product and how it can be implemented in practical terms.

* Concremote sensors utilise new innovative technology and are placed directly in a concrete structure after pouring to measure nonstop compressive strength evolution. All sensors have a real-time connection to the Internet and notify stakeholders such as job-site staff and consultants via text message or email when concrete is hardened enough to proceed with subsequent construction works.

Providing a time saving of 47%, a cost saving of 32%, a quality improvement of 55% and a total business value increase of 40%, Concremote’s implementation could offer benefits that extend beyond reducing the environmental impact to the Dubai construction market, which is estimated to be worth AED 155 billion in 2015.

Acknowledged as the most widely used material in the construction market, concrete is the second largest producer of CO2 emissions after the energy sector, with one tonne of

Portland cement yielding 1.1 tonne of carbon dioxide and 164kgs of dust. Recent estimates have indicated that the mandatory switch to using green cement will add an extra forty years lifespan to buildings that use it and offer a cost saving of AED 192 billion for the Dubai construction sector.

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**ABOUT DOKA GROUP (GmbH) – “The formwork experts”**

Founded in 1958, the Doka Group was established in Amstetten, Austria where it supplied formwork and engineering solutions to the numerous infrastructure projects.

In 1961, the company expanded its operations to Germany and further to Brazil and Kuwait in 1977. With more than 160 sales and logistics facilities in over 70 countries, the Doka Group has a highly efficient distribution network which ensures that equipment and technical support are provided swiftly and professionally.

Supplying a range of products, systems and design services, including formwork panels, slab formwork, wall formwork, one-sided wall formwork, climbing formwork, tunnel formwork, dam formwork, bridge formwork, shoring/false work, tie systems and filed support, software and training, Concremote, Doka’s business includes production, equipment sale & rental, engineering and maintenance.

An enterprise forming part of the Umdasch Group, the Doka Group employs a worldwide workforce of more than 6000.

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**Captions:**

**Doka\_2015\_Concremote.jpg**

Doka’s Concremote product set to support green construction legislation in Dubai

Photo: Doka