



### October 2018

#### London Build 2018 on October 23<sup>rd</sup> -24<sup>th</sup> at the Olympia



David Jones. MIConstM. our Director of Education & Training has been Offered to speak at the Skills Hub a 45-minute workshop slot and will be chairman of the whole Skills Hub event on the first day 23 October, that will also give him the opportunity to open and close the event with appropriate remarks too

#### ICM CDM Competence Registry

It Is located on the Home page of our WEBSITE Click the ICM CDM competence registry and follow the directions.

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#### France

Grand Paris Express: the biggest infrastructure project in Europe



With 200 km of new metro lines – the equivalent of the existing network – forming a ring around the capital, the Grand Paris Express will bring Paris into the 21st century by transforming residents’ mobility and reshaping the different areas. For VINCI, and for all the players in the sector, it offers considerable opportunities: in the near term with the underground and civil engineering works and in the longer term with the urban renewal projects around the new stations.

It’s the worksite of the century in the Paris region, and a project to give the Paris conurbation a transport system commensurate with its growth momentum and ambitions. Under the name of the Grand Paris Express, more than 200 km of new metro lines (see map) will be built between now and 2030, 85% of them underground, together with 68 new stations, interconnected with existing transport networks.

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#### China

\$176 MILLION: Shanghai Synchrotron Radiation Laboratory conducts China's major scientific projects. It's the country's most expensive research facility.



While China's economic expansion has slowed, investors are optimistic that this is a result of the nation maturing. There is a





shrinking productivity gap in China compared to advanced economies, leading to a natural decrease in growth. President Xi Jin PIng calls this lower growth the new normal There currently are 1,455 large-scale infrastructure construction projects in China.

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**Willmott Dixon workers see through concrete with smartphones**



Willmott Dixon is trialling new software which allows site staff to see through walls using their smartphones. The Dalux Field App software has been imported from Denmark and used on four Willmott Dixon sites ranging in value from £4m – £25m. It shows 3D construction models with augmented reality on smartphones. Users simply point their phones at a part of the project and it will show a mix of reality and the 3D model. Willmott Dixon digital manager Andrew Gamblen said: “The technology is absolutely brilliant. It is very easy to use and can be accessed on a large number of devices – making it much easier for everyone on-site to visualize exactly what we are building. “The workers on-site are excited. Even though not all are using it every day, they still check each time something has been installed and see if there are any issues. “They no longer have to run back and forth to the office.”

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**Health & Safety UK**

Thirty-eight construction fatalities last year in Construction continues to be the industry that accounts for the most workplace fatalities although agriculture and the waste sector remain more dangerous environments. Latest statistics from the Health & Safety Executive show that there were 38 fatal injuries to construction workers recorded in the year to 31<sup>st</sup> March 2018, accounting for the largest share of any industry.

This was in line with recent trends: over the past five years the average number of construction fatalities has been 39. This is around four-times as high as the all-industry rate, but it is considerably less than the rate in either agriculture or waste & recycling, despite accounting for a greater number of cases than these sectors. Across all industries, the provisional annual data for work-related fatal injuries revealed that 144 workers were fatally injured between April 2017 and March 2018 (a rate of 0.45 per 100,000 workers).

The three most common causes of fatal injuries across all industries continue to be: workers falling from height (35); being struck by a moving vehicle (26); and being struck by a moving object (23). Together these account for nearly 60% of workplace fatal injuries in 2017/18. Mesothelioma, contracted through past exposure to asbestos and one of the few work-related diseases where deaths can be counted directly, killed 2,595 in Great Britain in 2016.

The current figures are largely a consequence of occupational asbestos exposures that occurred before 1980, the HSE said.

**For further details, see [www.hse.gov.uk/statistics/fatals.htm](http://www.hse.gov.uk/statistics/fatals.htm)**

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