

Communiqué.

THE QUARTERLY NEWSLETTER OF VINCI CONSTRUCTION UK

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The new entrance to Tottenham Court Road Station is open and has been described as looking "pretty slick" by *Time Out* magazine.

GOING UNDERGROUND ▲

Tottenham Court Road is one of London's busiest underground stations, with around 150,000 passengers passing through its ticket hall and pedestrian tunnels each day. But with the arrival of Crossrail, this figure is expected to rise to 200,000 by 2018. In order to boost capacity and prepare for the dramatic increase in footfall, London Underground is expanding and upgrading the station. This complex project presents a host of technical and operational challenges requiring all of Taylor Woodrow's civil engineering expertise.

DEVELOPMENT WITHOUT DISRUPTION

Following the completion of the new ticket hall in January, the demolition of the old ticket hall and refurbishment of the rest of the old station can begin – all without a moment's closure or cessation of service. The upgrade involves a total of three new station entrances and eight new escalators, new access routes to Northern and Central line platforms as well as additional concourse tunnels. In addition, a new subterranean ticket hall, five storeys deep, and an escalator link are to be constructed for Crossrail. To avoid disruption to train services and minimise the hazards of working alongside live railways, significant elements of the project will have to be carried out during night-time engineering hours and weekend possessions.

CENTRAL LOCATION, CONFINED SPACE

The station sits at the heart of St Giles Circus – the intersection of some of the

busiest roads in central London including Oxford Street, New Oxford Street and Charing Cross Road. Surrounded by residential buildings, retail outlets, office blocks and tourist hotspots, it is a hub of activity day and night. This presents limited windows of opportunity in which key works can be carried out and major safety considerations given the proximity of the travelling public.

In addition to heavy passenger and transport flows, Tottenham Court Road station also presents the challenge of a confined on-site space and congested surrounding area. Road congestion makes it extremely difficult to secure a smooth supply of materials to the main area of operations. This is particularly problematic for a project requiring a constant flow of wet concrete. The Taylor Woodrow team need to deploy all their logistical expertise and experience to ensure the project runs smoothly. During 36 months of project work at Tottenham Court Road, the Taylor Woodrow/Bam Nuttall joint venture has not overrun a single possession.

EDUCATION

£19.5M Student Accommodation Project Underway

Froomsgate House, an existing 1970s 15-storey building in the city centre of Bristol, will provide 480 student bedrooms with ground floor shops, gymnasium, cinema room and other student facilities. The scheme will also include a new public square and landscaping.



ARTS & LEISURE

Olympic Park Stadium

VINCI Facilities is to maintain London's Olympic Park stadium as part of a 25 year concessions contract awarded to VINCI Stadium. This is the first stadium concession to be awarded to VINCI outside France. The 25-year contract covers operation and maintenance of the stadium and managing the stadium during events.



£30M Contract Awarded for Construction of Ten-screen Cinema

The new development in Bournemouth encompasses a multiplex cinema with ten fully digital auditoria and twenty new restaurants. Leisure facilities will be on the lower and upper floors with restaurants overlooking the renowned Lower Gardens.



RETAIL

Ralph Lauren Flagship Store at Cheshire Oaks



The Building division has been awarded a contract to design and build the new flagship Polo / Ralph Lauren store at Cheshire Oaks Retail Park. The project will consist of a new 25,000 sq ft retail store featuring traditional zinc roofing and cladding, in combination with timber cladding and structural glazing. High quality external landscaping will make a feature of the innovative store within the Cheshire Oaks complex.

SUSTAINABILITY

VINCI Technology Centre at Ecobuild 2015

The VINCI Technology Centre team supported The Zero Carbon Hub at Ecobuild 2015, a world-leading event for sustainable design, construction, energy and the built environment. Held at London's Excel centre from 3rd to 5th March, Ecobuild attracted over 40,000 visitors.

The Technology Centre have been working with The Zero Carbon Hub for many years, originally providing expertise on air tightness. More recently they have been part of a working group engaged in closing the gap between design and "as-built".

Supply Chain Sustainability School



The Supply Chain Sustainability School was launched in 2012 in response to the need for a construction supply chain capable of meeting sustainability aspirations of main contractors and clients. It provides online learning resources and networking opportunities.

VINCI Construction UK are partners of the school, and the VINCI Academy is working with the school to incorporate free sustainability e-learning modules into our system. Schools specific to FM and infrastructure have recently been launched at events supported by both VINCI Facilities and Taylor Woodrow.

Eamonn Costello, Sector Commercial Director, helped to launch the new Infrastructure Supply Chain Sustainability School saying: "It is no coincidence that with major infrastructure build programmes on the horizon there is an increasing demand for awareness and training through a readily-available sustainability learning platform. Whilst the school is free to users, partners have invested considerable resource, which not only demonstrates commitment, but the significance of the sustainability message to industry."

Rory Murphy, Commercial Director at VINCI Facilities, explained: "The Supply Chain Sustainability School has a wealth of information and is a platform to share innovations and ideas. We would like to see more of our suppliers participate in the School and use its free resources and networking opportunities to explore the many opportunities of more sustainable business practices."

TRANSPORT

Piling Work Underway at Crossrail's Old Oak Common Depot

Work is well underway at Old Oak Common to design and construct Crossrail's new maintenance depot for its Bombardier train fleet.

Piling has started on the £142m contract which includes overnight stabling sidings for 33 trains and a state of the art nine-track maintenance building. There will be approximately 250 piles going into the ground for the main building and this should be complete by May.

To comply with TfL's strict environmental requirements, energy at the depot will be generated and stored using a hybrid renewables energy system comprising photovoltaic cells and solar heated water. Ground source heat pumps will control heating and cooling originating from a combined heat and power plant.

The depot will become operational in stages between May 2017 and May 2018.



Volkswagen staff move into Milton Keynes Headquarters



Volkswagen Financial Services have moved into a new £24m headquarters in Milton Keynes. Located on Delaware Drive, the building provides 100,000 sq ft of office accommodation spread over four floors.

The flexible space includes a three storey atrium, restaurant and coffee shop, theatre style conference suites and a large car park with sustainable urban drainage system and bike storage.

VINCI Construction UK's team used a concrete post-tensioned frame with a curved façade, designed to pay homage to the shape of the manufacturer's vehicles.

Taylor Woodrow Wins £33M Infrastructure Contract

As well as doubling the capacity of the rail line between Dr Day's Junction and Filton Abbey Wood station, the team will replace and enhance 17 structures along the 15km route.

Cllr Brian Allinson, chair of the regional transport board, said the improvements are: "vital for our MetroWest plans to improve the local rail services and it's a real milestone getting it started."



VINCI Secures a Place on Highways Agency's Collaborative Delivery Framework

VINCI is one of six companies appointed to Lot 3A that will deliver highway schemes between the values of £25m and £100m, and potentially £300m. The framework has allocated £1.35bn to Lot 3A over the next four years, with the possibility of a two year extension.

The VINCI joint venture is between Taylor Woodrow, the civil engineering division of VINCI Construction UK, and VINCI Construction Grands Projets, the entity responsible for delivering major civil engineering structures around the world.



Victoria Station Upgrade Scoops International Tunnelling Award



The ceremony was held at the Grosvenor House Hotel, Park Lane, and celebrated the most innovative and successful projects, companies and individuals from across the global tunnelling industry.

The team were shortlisted against companies such as Arup, CH2M Hill and HOCHTIEF Murphy JV and scooped the prize for their northern tunnels in recognition of the complexity and challenges that they have overcome throughout the construction process.

Craig Prangle, Project Director, said: "This is not just an achievement by the tunnels team, but the whole VSU team. It confirms that the technical challenges, energy, enthusiasm, procedures and processes that we consider as the norm and deal with on a daily basis across the VSU project are world class."

Official Opening for Nottingham Hub



Following its redesign, the station will now enhance the passenger experience, improve the city's connectivity and encourage greater opportunities for regeneration, investment and growth.

The Edwardian Grade 2* listed frontage has been transformed to create a modern passenger environment that is sympathetic to the building's history. Original features have been restored, existing facilities have been modernised

and new shops and cafés have been provided in the attractive vehicle-free porte cochère.

The new glass-fronted Southern concourse has a full lift and escalator access and has been designed to enhance interchange with connecting trains, the 950-space multi-storey car park, and Nottingham's tram network.

Government Minister Praises Bexhill to Hastings Link Road



"The team obviously worked very hard through last winter's challenging wet weather and I was very pleased to see the good progress being made in the construction of this vital new road between Bexhill and Hastings which will improve journey times along the south coast and open up much needed opportunities for building new homes and business growth," said Greg Barker, the MP for Bexhill and Battle, and Minister of State for Energy and Climate.

"This is not a simple road construction project and I saw first-hand just how much work is being done to protect the environment and public rights of way across the valley. As well as the obvious economic benefits to our area, I think people will be pleasantly surprised by the environmentally sensitive recreational opportunities this project will create along the new cycling and walking Greenway," he added.

Mr Barker was shown around the site by Bob Pape, the project manager for East Sussex County Council and Mike Spisto, the structures agent for the Hochtief Taylor Woodrow Joint Venture.

When the Link Road opens next year it is expected to provide a major economic boost to the area, bringing in around

£1bn of investment, 2,000 new homes and 3,000 jobs, along with the development of 42 acres of land in north east Bexhill, including a 50,000 sq m business park.

The new road is also expected to significantly reduce traffic congestion along the A259, as well as improving conditions on the A2036 in eastern Bexhill, rural roads north of the town and routes through Crowhurst and Battle.

Nottingham Hub Receives National Railway Heritage Award

The awards recognise achievement in protecting, preserving, adapting and enhancing the UK's amazing railway heritage.

This is the second successive year that a Taylor Woodrow Network Rail project has been successful at this important industry occasion following an award for King's Cross Station last year.

Fred Garner, Rail Sector Director was joined by Taylor Woodrow's project partners (Network Rail, East Midland Trains and Nottingham City Council) in receiving the award from Howard Smith, the Crossrail Operations Director and Sir Peter Hendy, the Transport Commissioner for London.

The project was also a finalist in the Engineering Business Excellence category of the Rail Business Awards in February.



HEALTHCARE

Building Better Healthcare Awards

Integrated Health Projects (IHP) the joint venture between VINCI Construction UK and Sir Robert McAlpine, recently achieved strong recognition at the prestigious Building Better Healthcare Awards.

The awards are held each year to celebrate innovation and improvement in the categories of the built environment, medical devices and people working in the healthcare industry.

IHP were recognised in the following categories:

Building Design Class
Awarded for Best Mental Health Development
The winners were Gilling Dod Architects working for IHP for Junction 17, Tier 4 CAMHS Unit at Prestwich.
People Class
The Working Together Award - Highly commended: IHP and Lister Macmillan
Client of the Year Award - Highly commended: Kerri Instance - Trust project manager at St Ann's Hospital, Poole with IHP.
Innovations in ProCure21+
Highly commended: IHP for Bridgewater Community Hospital
Additionally and significantly for the Kent Institute of Medicine & Surgery delivered by VINCI Construction UK, David Morley Architects were winners of the Best Acute Hospital Development under the Building Design Class.

A Blueprint for the Future of Endoscopy Decontamination



Integrated Health Projects (IHP) has successfully delivered a two-storey facility to provide new ICU and Endoscopy facilities for Countess of Chester Hospital NHS Foundation Trust.

The new endoscopy reprocessing suite is spacious, with plenty of natural light and will represent a state-of-the-art solution for quite a few years to come. Part of a larger project delivered by IHP through the ProCure21+ national framework, it has delivered a dramatic transformation in working conditions, practice and service.

Kevin Eccles, Trust Project Director, said: *"The design team at Integrated Health Projects, our principal supply chain partner, took the trouble to ensure it was designed with the patient in mind and to give environmental benefit to patients and staff."*

Princess Alexander Hospital, Essex



A £9.8m contract has been awarded for the construction of a 2000m² extension at the Princess Alexander Hospital in Harlow, Essex.

Following the demolition of the existing building, work will include the construction of a new shell and core extension over three levels, plus the fit-out of the shell and core at ground and first floor levels. Several other areas will be refurbished as part of the contract.

Additional works include the installation of a new boiler system, new lifts and associated landscaping.

The 160 week scheme is phased and will take place within a live healthcare environment.

The North West's Largest Mental Health Unit has been Completed

The Harbour is located on the Whyndyke Farm site, just off the M55 in Blackpool, and will provide a total of 154 beds. The development is part of the Trust's ongoing commitment to provide modernised inpatient mental health services and improving the quality of care it delivers. The new unit will achieve a more therapeutic environment for the people who use the service and better working conditions for staff.

Alongside the Psychological Intensive Care Units, Advanced Care and Acute Care wards, there will be specialist care and accommodation for those affected by Dementia.



The building is mainly single storey with administration services located on the first floor.

Alistair Rose, Project Director for The Harbour at Lancashire Care NHS Foundation Trust said: *"It has been a pleasure working with the construction team on the development of The Harbour and we couldn't be happier with the results."*

Preferred bidder for £42M Institute of Immunity and Transplantation Building



The £42m building, to be known as the Pears Building, will be constructed adjacent to the existing Royal Free Hospital in Hampstead Heath, London. As well as research facilities, it will include patient accommodation, the Royal Free Charity's offices and a 56 place car park for patients and visitors.

Scientists at the IIT will carry out research into immune-related conditions such as leukaemia, type 1 diabetes and HIV as well as clinical trials. Scientific breakthroughs have already been made by IIT researchers and their work could bring benefits to thousands, if not millions, of patients across the world. The new facility will be the first of its kind in the UK. Construction work is expected to begin in the spring and to finish in 2017.

Junction 17 Wins Prestigious Design Award

A mental health unit for young people built by Integrated Health Projects (IHP) in Greater Manchester, has been awarded Design Project of the Year at the first Design in Mental Health Network National Awards (DIMHN).

The awards event was part of the annual DIMHN Conference which showcases outstanding mental health design from around the world whilst bringing together those involved in mental health environments to collaborate and improve outcomes.

The two-storey centre has 20 bedrooms with en-suite bathrooms, an art room, activity areas and outside spaces including courtyards and gardens as well as a college with a sports and recreational hall and bespoke learning environments for inpatients to attend.

The centre, which opened in April last year, provides specialist treatment for young people with severe mental health problems including eating disorders, self-harming behaviour, mood disorders, psychosis and poor coping skills such as misusing substances.



Foundation Stone Laid for New Oxfordshire Care Home

The Rt Hon the Lord Remnant, CVO, representing the Venerable Order of St John, has unveiled the Foundation Stone of The Orders of St John Care Trust's (OSJCT) new, state-of-the-art care centre in Henley-on-Thames.

Set for completion in Spring 2016, the new 64-bed care centre being delivered by VINCI Construction UK, will include three floors dedicated to providing specialist dementia care and will incorporate a number of features to promote reminiscence as therapy.

The property's outdoor area will provide a safe and secure garden for residents to access and will include a fully landscaped sensory garden with raised planters, vegetable patches and water feature.



ENERGY FROM WASTE

Allerton, North Yorkshire



VINCI Environment UK, a 50/50 subsidiary between VINCI Construction UK and VINCI Environnement, has been awarded a contract by AmeyCespa to design and build the energy from waste unit in Allerton, North Yorkshire.

Taylor Woodrow will be responsible for overall site development and the civil engineering element of the facility. VINCI Environnement will be responsible for designing and commissioning the processes.

Residual household waste received at Allerton Park will first be mechanically sorted. Some of the waste will then be anaerobically digested to recover energy in the form of biogas. The remainder, about 320,000 tonnes per year, will be incinerated in two lines, each with a capacity of 20 tonnes per hour, to generate 25 MW of electricity for export to the grid.

The plant will thus be able to provide power from renewables for some 40,000 households located near the site. To date, 55% of the 520,000 tonnes of waste produced each year by the 760,000 inhabitants of the County of North Yorkshire and the City of York is sent to landfill. The locally set objective is to reduce the volume of waste going to landfill by 90% and to increase the recycling rate using sustainable waste treatment processes. Making a significant contribution towards achieving this objective, the Allerton Waste Recovery Park will treat 50% of the household waste generated in the area by 2020.

SPECIALIST EXPERTISE

The Technology Centre team are providing expertise to an historical preservation project in the Thames estuary.

Working on behalf of the Project Redsand initiative, the team were commissioned to survey the Red Sand towers; the best-surviving examples of the Maunsell Sea Forts built in 1942 to defend Britain against aerial and naval assault during World War 2.

Code-named Uncle 6 during the war, the towers were decommissioned in the 1950s and have at times served as an operational base for pirate radio stations.

The Technology Centre's involvement in the project stretches back over a decade and earlier in the month, Senior Engineer Michael Thorne braved the elements to visit the site. Michael will shortly provide a high-level concrete condition and general corrosion survey, the results of which will determine what is required to improve and maintain the integrity of the structures.

A spokesperson for Project Redsand said: *"Thanks to VINCI Technology Centre UK for their continued support. The inspection involved a high level concrete and general corrosion survey. [The team have] provided valuable, professional advice to Project Redsand from the very start in 2004."*



DELIVERING SUSTAINABLE PROJECTS

by Dr Russell Matthews,
Managing Director,
VINCI Technology Centre UK Limited

In February this year I was invited to make a presentation at an event organised by Sweett Group on the theme of sustainability. The opportunity had come through VINCI Construction UK's involvement with ProCure 21+. Aptly named the New Year Healthy Breakfast, the audience was made up of representatives of NHS Trusts as well as architects and consultants operating in the health sector.

My particular focus was on helping to deliver sustainable projects.

Starting early in the design process is key. BREEAM assessments carried out by the Technology Centre's environment team prove time and again that difficulties in achieving the target number of credits originate from the design as well as the construction stage.

Also, it usually costs more to achieve BREEAM credits later in the development because the opportunity to 'design them in' has been missed. Our experience is that everyone finds BREEAM difficult and this sentiment was echoed around the room.

I don't think it's appreciated sufficiently that BREEAM credits have multiple detailed compliance points which will be rigidly interpreted by BRE when an assessment is submitted. Also the degree of rigidity they apply is gradually increasing with time; i.e. something that was accepted last year may not be now. My key messages for success are therefore to take BREEAM seriously, focus on credits as early as possible and remember detail, detail, detail!

I also recommended for organisations to follow ISO 50001; energy management standard. In 2009 the Technology Centre was one of the first companies in the construction sector to become accredited for energy management, initially to BS EN 16001 which later became ISO 50001.

Since then we have reduced our energy use by over 43% and have achieved cost savings of many times more than the costs of accreditation. And if you have to comply with the energy savings opportunity scheme (ESOS), it's a much smaller step from there to 50001 which is an automatic route to compliance. I believe the introduction of ESOS may lead to an increased take up of ISO 50001.

You might like to find out more about how the Technology Centre is helping to deliver sustainable projects by visiting our web site.

<http://www.technology-centre.co.uk/Capability/Sustainability.html>



Finance Department Raise £2.9K for Charity

Throughout 2014, the Finance department took part in various fundraising events and raised £2,927 for a number of charitable organisations.

The charities supported through walking, running, cycling or swimming events included Jeans for Genes, Macmillan Cancer Support, Breast Cancer Campaign, Children in Need, Save the Children, Movember and the Duke of Edinburgh Awards scheme.

The total target was 1,448 miles. After everyone's spectacular efforts, 3,047 miles were actually achieved – more than double the original target!



Becky King Named Women's Engineering Role Model



A London-based senior engineer has been selected as an industry role model by the Women's Engineering Society (WES).

Becky King, currently working on Taylor Woodrow's Crossrail West Stations project, will have the chance to promote her profession, on behalf of the WES, at school visits and science fairs.

The Women's Engineering Society is a professional, not-for-profit network of women engineers, scientists and technologists offering inspiration, support and professional development.

Speaking of her new position, Becky said: "I met [WES president] Dawn Bonfield at an event at the Institution of Civil Engineers. We got chatting and she liked my story."

Becky believes that many young women miss the opportunity to enter the trade due to a lack of access to civil engineering at school. She now looks forward to encouraging others to join her profession.

Crossrail Celebrates 400 Apprenticeships



Some of the apprentices who have joined Taylor Woodrow and our suppliers on the Crossrail project recently attended the celebration to mark the milestone of 400 new apprenticeships having been created across the entire Crossrail project.

The event was held at the Bond Street station site and was attended by Terry Morgan, Chairman of Crossrail, and Patrick McLoughlin, Secretary of State for Transport. Taylor Woodrow and our suppliers' apprentices were represented by Darren Woodhams, Charlie Wojzswillo, Paul Edmonds, Jonathan Tucker and Chris Cameron.

MoD Employer Recognition Scheme

VINCI PLC has received a silver award as part of the Ministry of Defence Recognition Scheme for demonstrating support for reservist employees.

The scheme was recently launched by the Prime Minister as part of Defence's commitment to recognise and reward employers who support Defence personnel. Gary Nunn (pictured right) accepted the award on behalf of VINCI PLC from the Vice Lord-Lieutenant for Hertfordshire, Richard Beazley Esq DL, at an Awards Dinner held on 15th January 2015.



Milton Keynes College Employability Week

As a regular supporter of Milton Keynes College, the Building division was asked to support their latest initiative by providing a perspective of life working in the construction industry.

Nyasha Drinkwater, Faculty Administrator Manager, at the college said:

"Thank you very much for supporting our Employability Week at Milton Keynes College last week. We appreciate the time you took to speak to our Construction and Engineering students, sharing your experiences and advice to better equip them for the steps post college. Our students feel encouraged and inspired that the available opportunities within your organisation and in the industry are in fact attainable if they not only work hard but if they do the leg work and seek the opportunities themselves."

Technical Apprenticeship Scheme Update

In October 2014, the company launched a Technical Apprenticeship Scheme to offer opportunities for young people to get into building and civil engineering.

As a result, eighteen young people were taken on in partnership with Stephenson College. They are now doing the two year Technical Construction Apprenticeship, where they will gain a BTEC level 3 Diploma in Construction and the Built Environment and an NVQ level 3 in Construction Contracting Operations.



£120,000 Raised for MedEquip4Kids

The company has raised a staggering £120,000 for MedEquip4Kids in the past five years. MedEquip4Kids improves the health of children and babies by providing equipment not available from limited NHS resources.

The money has been raised through challenge events, runs, treks, golf days, a charity ball and a quiz night. The whole company has got behind the cause and has pulled together to make this achievement possible.



Open Doors Weekend is an annual event aimed at giving the general public a unique opportunity to have a behind the scenes look at major construction sites across the country and to promote the variety of careers available in the industry.

Participating sites from VINCI Construction UK this year included the student accommodation project at Walmgate in York, Taylor Woodrow's Victoria Dock Portal and Old Oak Common projects, plus the VINCI Technology Centre UK.

Almost 200 people, most of whom were young people interested in careers, visited our sites and these are some of the comments we have received.

"I just wanted to say thanks for a very enjoyable visit to Old Oak Common Depot yesterday afternoon. I took my six year old son Finn, who is mad about Crossrail, building sites and anything engineering!"

"We were hosted by a gentleman called Christopher who was very informative and made a huge effort to involve Finn. In fact the whole team were so lovely to him - he really enjoyed his afternoon out, especially wearing his hard hat and his high vis jacket!"

"Thanks for your help. This is an amazing engineering project right on our doorstep and it's a great opportunity to show our children how things work. They spend so much time at school looking at things in books or on TV - to be able to see it close up is a fabulous experience!"

"Please pass on our thanks to Christopher and his team at Old Oak Common Depot."

"Good insight into career opportunities."

"I was very impressed - it gave me a good idea of the careers available and what I might do in the future."

"Excellent presentation - enjoyed the slides."

"My son and I greatly appreciated your time on Saturday. We both took a great deal from the day. Even got me thinking for when I have completed my NEBOSH studies."



NEW FORMAT, NEW WEBSITE

The new format of Communiqué reflects feedback from our readers for a more concise round-up of news from the company. It coincides with the launch of our new website which dedicates its home page to company news, customer feedback and a film that showcases some of our principal projects.

Visit the site to find out the latest news. You can also follow us on Twitter and Linked In.

www.vinciconstruction.co.uk

VINCI CONSTRUCTION UK

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REAL SUCCESS IS THE SUCCESS YOU SHARE

We design, build and manage the facilities that improve everyday life.

Preferred Bidder for £42m Institute of Immunity and Transplantation Building

Rising to the challenge - watch our film