



CREATING A BRAND NEW COVENT GARDEN MARKET ▲

The redevelopment of the world renowned New Covent Garden Market is being undertaken by VINCI St. Modwen (VSM) as part of the regeneration of Nine Elms, a previously run-down area on the south Bank of the River Thames that lies between Battersea and Vauxhall.

The fruit, vegetable and flower market is managed by Covent Garden Market Authority and has occupied the 57-acre site since it moved from its central London location in the mid 1970s.

The new market will be delivered across 37 acres of the existing site and will be funded through the release of 20 acres of surplus land to VSM.

The land will then be redeveloped to create a new high quality residential-led mixed-use scheme, providing up to 3000 new homes and 115,000 sq ft of commercial accommodation plus leisure and community facilities.

Key to the success of the project is a complex and logistically challenging programme of construction and demolition being undertaken by VINCI Construction UK.

Work on site started last summer with the construction of a temporary car park to facilitate the refurbishment of the existing multi-storey car park. Now complete, the temporary car park has been demolished and has become the site of the interim flower market.

The interim flower market will provide temporary accommodation for the wholesale flower businesses while the old premises are being demolished and new facilities built.

The use of steel frame construction allows the creation of a modern building with large, clear spans. The other advantage is that it can be recycled and reused when the interim building is demolished six years from now.

The recycling centre is being constructed to the south of the interim market. Two parallel steel trusses will create an open ground floor space for the recycling centre, at the same time supporting two decks of five-a-side football pitches, three of which will be situated within the depths of the trusses and three at roof level.

The market represents an important component of the local economy and, as such has to remain operational throughout the life of the seven-year contract. A phased programme of construction and demolition will ensure business continuity for the market traders and will ultimately deliver a world class development that will contribute to the cultural and economic regeneration of Nine Elms.

ENERGY

Bradwell Power Station



The construction of the weather envelope at Bradwell Power Station in Essex is drawing to a close.

It has been a complex project with nuclear waste continuing to be processed throughout the construction process.

Now in its final stages, the envelope will keep two 45m high nuclear reactors waterproof for the next 40 years.

Allerton Waste Recovery Park



This project involves the design and build of a state-of-the-art integrated waste management facility which will process up to 350,000 tons of waste per year using mechanical-biological sorting.

A major milestone has been reached with the installation of the final boiler. With both boilers in position, the team are able to close the roof above the building so that the more sensitive trades can commence preparation for commissioning the plant in 2017.

HEALTH

Burnley General Hospital

Integrated Health Projects has been appointed preferred bidder on East Lancashire Hospital NHS Trust's £17m redevelopment at Burnley General Hospital.

Medway Maritime Hospital

The Building division has been awarded a £12m contract for the construction of a new emergency department at Medway Maritime Hospital in Gillingham, Kent. The new facility will start on site in September 2016.

LEISURE

The Royal Parks



VINCI Facilities has been re-awarded the five year facilities management contract to maintain the assets of the Royal Parks (TRP) in and around London. Covering 4,863 acres of parkland across eight of the world's most recognised and heavily used parks, VINCI Facilities will be helping to preserve the heritage of some of the nation's most iconic outdoor facilities and monuments.

Luxury Hotel and Spa

Work is underway on Buxton Crescent Hotel and Spa to restore the derelict building to a five-star luxury hotel. The Grade 1 listed building is one of the most architecturally significant buildings in the country.

COMMERCIAL

Illumina Centre, Granta Park



The Building division has secured a second contract from BioMed Realty at Granta Park, a science, technology and biopharmaceutical park in Cambridge.

The £70m contract comprises a 19,700m² purpose built European Headquarters for Illumina.

Illumina has a key role with Genomics England in a Government sponsored partnership to deliver the 100,000 Genomes Project.

PUBLIC BUILDINGS & INFRASTRUCTURE

Pagabo National Framework

The Building division has a strong track record of securing places on frameworks including the North West Construction Hub, Local Government Shared Services (Northampton & Cambridge), Cambridge Design & Build, UPP as well as Cardiff University, University of Reading and Girls Day School Trust (in partnership with VINCI Facilities).

Pagabo is the latest framework the Building division has been successful with. It is targeted at all government funded clients including universities, blue light services, rail, highways, housing associations, local authorities and charities.

The Building division has a place on the framework which has a pipeline of building and civil engineering projects totalling just over £1bn, with more to follow.

Local Government Shared Services Framework



As part of the Local Government Shared Services Framework, the Building division has just been awarded a £27m contract by Northampton County Council to deliver Northampton International Academy. This involves the refit of an existing building and conversion of a secondary and primary school.

Summer Works Programme at Institution of Civil Engineers

VINCI Facilities is involved in a programme of external and internal refurbishment works taking place during the summer at the Institution of Civil Engineers in London.



Old Oak Common Crossrail Depot



Taylor Woodrow's Old Oak Common project involves redeveloping railway land in west London as part of the regeneration of the area which will create 25,000 homes and 55,000 jobs over the next 15 years.

The Crossrail depot currently under construction will provide maintenance, stabling and office accommodation which will enable Bombardier and Crossrail to maintain and operate the new fleet of trains for the next 32 years once the railway opens in 2018.

Energy at the depot will be generated and stored using a hybrid renewable 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 hybrid energy system that Taylor Woodrow, GI Energy and NG Bailey came up with will see an increase of 50% of renewable energy provision and a 65% reduction in CO₂, saving approximately 17,000 tonnes of CO₂ over the 32-year life of the project. The system is also expected to significantly reduce operational costs.

The team were recognised for their achievement earlier this year at the UK Rail Industry Award ceremony where they won both the Cost Base Reduction and Environmental and Sustainability categories. Now the lessons learnt will be used as best practice to deliver the same benefits to future projects.

The programme includes upgrade and improvement works to the Grade II listed building incorporating repairs, additions and alterations.

Included in the programme is the internal library space which will house the new state-of-the-art ICE learning and exhibition centre devoted to infrastructure.

VINCI Construction UK is one of the founding partners of the learning and exhibition centre which, when it opens in November, will feature an interactive presentation tool for the Taylor Woodrow M4 Corridor around Newport project. The tool enables the user to navigate around a high definition photorealistic 3D modelled environment in real time.

Office for National Statistics

VINCI Facilities has been awarded a five year facilities management contract by the Office for National Statistics. The contract will cover all ONS sites and will include responsibility for reception, security and mailroom services as well as maintenance, energy management, cleaning, office moves and catering. In addition, a Project Management Service will deliver a number of strategically important programmes to enable ONS to continue to be a world leading statistical analysis facility.

HIGHWAYS

M4 Corridor Around Newport

The M4 Corridor around Newport scheme will provide a new 23km stretch of three-lane motorway between junctions 23 and 29, including a 2.5km bridge across the River Usk.



The team's recent CEEQUAL assessment for the interim stage of the project has been confirmed as Excellent, with a score of 78.7%. CEEQUAL is an evidence-based sustainability assessment, rating and awards scheme for civil engineering, infrastructure, landscaping and public realm projects.

Bexhill to Hastings Link Road



Members of the Bexhill to Hastings Link Road team recently attended the Institution of Civil Engineers (ICE) South East England Engineering Excellence Awards.

The project received recognition in both the Urbanisation Award and the Engineering Excellence Award, where they were highly commended.

The submissions included details of how the project has been a catalyst for sustainable development in a highly deprived area of the South East, and its positive impact on wildlife and public enjoyment of the natural environment.

RAIL

Crossrail West Stations

The Crossrail West Stations project involves modifying 14 sites between Acton and Maidenhead to accommodate the operation of the new 10-car, 205m long Crossrail trains.



In May, the Ealing Broadway team successfully installed Crossrail West's first complete bridge during a standard 12-hour shift. This is both a significant milestone for the project, and demonstrates that a full line possession is not needed for future bridge installations.

C512 Whitechapel Station



The Whitechapel team are constructing a new station in the heart of East London to provide an interchange between the Underground, Overground and Crossrail stations.

In July, the project was announced winner of the Ground Engineering Award in the category of UK Project with a Geotechnical Value of up to £1m.

The award was in recognition of the project's West Lift Lobby propped excavation scheme.

This is one of the smaller but most technically complex elements of ground engineering being undertaken on the project, with the excavation located in disused roads between the east and westbound Hammersmith, City and District line platforms within the station. A tower crane located 1.5m from the shaft further added to the challenge.

Filton Bank 4-Tracking



The Filton Bank project involves increasing a 2-line railway track into a 4-line track between Dr Day's Junction and Filton Abbey Wood Station in Bristol. The bank holiday at the end of May saw the team successfully undertake a 76-hour possession, which was their longest possession to date.

Works included ground investigations to inform outline design of the foundations, drainage surveys plus demolition and reconstruction of a bridge deck.

Victoria Station Upgrade



Tunnelling is a major feature of this project, with approximately 300m of sprayed concrete lined tunnels having been constructed in an area where previous tunnelling projects have resulted in ground collapses.

The success of the tunnelling works has been recognised with a number of awards including the Complex Infrastructure Award at the 2016 ICE London Civil Engineering Awards; Sub Agent Howard Sayers winning the British Tunnelling Society's Harding Prize; and the team being Highly Commended for UK Project with a Geotechnical Value of over £3m at the Ground Engineering Awards.

Nottingham Express Transit 2

The Nottingham Express Transit 2 team have scooped the Major Projects Award at the ICE East Midlands Merit Awards ceremony.

The panel of judges awarded the prize citing that NET 2 was now an excellent benefit to those living in and travelling to Nottingham; there was an excellent use of local suppliers and contractors; the design was integrated with the local landscape; it provided apprenticeships, internships and work experience for local people; there were innovative bridge solutions, for example, the launch of the Karlsruhe Friendship Bridge over rail tracks at Nottingham station; use of an existing bridge structure, the Wilford Bridge; and the project website kept local and interested people informed.



SPECIALIST EXPERTISE

Specialist Concrete Training



Dr Martin O'Farrell, Building Pathology Team Leader at the VINCI Technology Centre UK, recently presented a specialist training session on concrete degradation and corrosion within concrete to the Civil Engineering and External Hazards Specialism group of the Office of Nuclear Regulation (ONR).

The presentation was arranged by sister company, Nuvia.

The full day of training covered many aspects of concrete degradation and reinforcement corrosion, serving as a refresher to inspectors familiar with concrete. Other areas covered were corrosion mechanisms, investigative techniques and repair methods.

Attendees on the course included 17 ONR inspectors from civil engineering, external hazards, mechanical engineering and structural integrity plus eight engineers from both EDF Energy and Sellafield.

The training session provided inspectors and engineers with guidance on modern techniques and good practice within the nuclear and wider construction sectors.

Conren Launches Product Range on the National BIM Library

Building Information Modelling (BIM) will change the way in which buildings are designed, constructed and maintained.

So, in conjunction with NBS (part of RIBA Enterprises Ltd) Conren have now launched a range of products on the NBS National BIM Library.

By applying manufacturers' BIM objects at specification stage, it allows greater integration of the product whilst detailing the impact of individual elements.



Gatwick Airport Launches New Pier 1



VINCI Construction UK has delivered Gatwick Airport's new Pier 1, replacing the previous Pier 1 which was opened by the Queen in 1958.

The £100m facility is one of largest projects the airport has ever undertaken and houses an entirely new baggage system for the South Terminal that can accommodate over 4,250 bags per hour.

The new Pier also contains the airport's first early bag store. The bag store allows up to 2600 bags to be checked in up to 18 hours before departure – an initiative that improves convenience for passengers and also reduces queues by spreading out check-in times.

State-of-the-art passenger gate rooms with views across the runway include a family area and interactive spaces to keep children entertained.

A new lounge for premium passengers has panoramic views across the airfield from its location on top of the new Pier. Four new taxiways have also been constructed to reduce delays on the airfield and dual boarding facilities will reduce queues at the passenger gates.

VINCI Technology Centre UK Opens New Office in Cumbria

VINCI Technology Centre UK has opened a new office at Westlakes Science & Technology Park on the west coast of Cumbria.

Westlakes is populated with firms working in the nuclear, energy, science and technologies industries, making it a befitting north west base for VINCI Technology Centre UK.



EDUCATION

Eastbourne College Sports and Teaching Facility



The new basement swimming pool and gymnasium are taking shape on this £22m contract after the team had to control an unexpected underground stream within the site. The pumps were diverting up to 25 litres of water a second in order to allow the 5000m² basement to be constructed.

Liberty Point Student Accommodation

This £11m project in Southampton will be handed over in time for the return of students in September 2016.

The contract involved the refurbishment of 233 existing rooms and the construction of 269 new rooms within the concrete shell of a former office building.



Swansea University – Phase 1C



Good progress is being made on the latest phase of the UK's largest new build University Campus project.

Situated on a 65 acre former BP Transit site in Neath, Port Talbot, the Building division is mid-way through delivering the latest phase which comprises five residential blocks totalling 543 student bedrooms. The £35m project also includes connections to infrastructure services, including drainage, data, electricity, gas, water, CCTV, building mounted external lighting along with hard and soft landscaping.

Works are expected to be complete by September 2017 with overall development of the campus expected to continue up until 2020. To date, VINCI Construction UK has completed £94.5m of work on the site, providing academic, student accommodation and research space.

Howard Gardens Student Accommodation



The Building division has been awarded a £35m contract by Fusion Students to design and build an accommodation complex for 686 students at Howard Gardens, the former site of Cardiff Metropolitan University.

Following demolition of the existing buildings, two new accommodation blocks will be constructed along with community facilities including a library, gym and cinema.

Work on the project is due to be completed in time for the 2017 academic year.

VALUING OUR DIFFERENCES

by Emma McNab,
Business Excellence Director,
Taylor Woodrow

Through its Women in Construction initiative, Taylor Woodrow takes a proactive approach to encouraging women to consider a career in engineering. This is important and necessary in an industry where women account for less than 10 per cent of the workforce. But for me, addressing the skills shortages we face goes beyond bringing more women into the industry.

Construction is an industry that relies on good relations; the ability to work as a team is key to the successful outcome of a project.

By valuing our people and having a more positive attitude to all their differences, not just their gender, we can create a working environment that attracts new talent as well as retaining our more experienced team members.

We all have a part to play in making this happen. We all have the ability to encourage and support behaviours that will lead to positive attitudes towards our differences. We wouldn't think twice about challenging unsafe behaviour – in the same way we can all challenge inappropriate behaviour.

By being unbiased and valuing the different skills that people have, regardless of background and belief, we will widen the talent pool of people available to us.

Not only will we enhance the reputation of the industry amongst the younger generation as they consider their career choices, we will attract people with existing skill sets that are transferable to construction or that can be shaped through training and mentoring.

By addressing the issue of diversity, ultimately we will attract and retain the best people for the job and the gender gap will sort itself out.



Cardiff to Paris Cycle Challenge



Members of the Costain - VINCI Construction Grands Projets - Taylor Woodrow joint venture team recently completed a cycling challenge from Cardiff to Paris. The team raised almost £6,000 to help develop a memorial garden for the Ty Hafan Children's Hospice and to help the Cystic Fibrosis charity continue their cutting-edge research.

Lake District Seven Peak Challenge



A team from the Building division North West region recently completed the Lake District Seven Peak Challenge, raising £1,782 for Cancer Research UK. The team successfully completed the 17 mile challenge in 7 hours 35 minutes, well in advance of the 10-hour target.

This is the third fundraising event the team have completed, raising £5,000 to date for various charitable organisations.

Charity Skydive



On 18 June, Tottenham Court Road's Abbey Reid jumped out of a plane at 10,000 feet - dropping at a peak speed of 165ft per second, in aid of the Make-a-Wish charity which grants magical wishes to children and young people who are fighting life-threatening conditions.

Usually donations to a charity skydive go towards the cost of the person jumping as well but Abbey paid this herself so that 100% of every donation went towards the charity's work. Her jump raised over £500 via a bake sale at the project and online donations.

Edible Avenue Comes to New Covent Garden Market



Scores of youngsters local to our New Covent Garden Market site recently helped horticultural experts, The Edible Bus Stop, sow seeds and seedlings that will bloom into edible flowers and herbs to be used as part of a new community garden running along one of the site boundary walls.

Developer VINCI St. Modwen (VSM) is supporting the venture in response to residents' feedback which indicated that greening the area and making the wall more attractive was a priority for the community.

The Edible Bus Stop is a London-based collective which aims to improve the experience of inner city living in a creative, playful way using teams of landscape architects, garden designers and horticulturists.

Apprentice of the Year Award



The Building division recently sponsored The North West Construction Development Alliance's Young Apprentice in Construction Award.

VINCI Construction UK presented the award to Accrington & Rossendale College Student, Franchesca Hurn. Having also won the BATJIC (Building & Allied Trades Joint Industrial Council) Apprentice of the Year Award, Franchesca is now set to attend the Prince's Foundation Heritage Course to develop her heritage skills further.

Building division's Toby Rowe was also commended for his outstanding performance on site combined with his educational achievements which include writing an academic research paper based around behavioural health and safety with links to reporting of close calls. The paper was also accepted to be published and presented at the World Building Congress 2016 in Tampere, Finland.

Scrambled Legs

The Filton Bank Scrambled Legs team successfully conquered the Three Peaks Challenge in June, climbing Ben Nevis, Scafell Pike and Snowdon. The team overcame several complications along the route with some suffering heat stroke, disintegrating shoes, pulled muscles and the heatwave that had hit the UK making conditions even harder. Nevertheless, they powered through and were able to climb the three peaks in 28.5 hours.

They completed the challenge in aid of the Jessie May charity which provides nursing care at home for children with terminal illnesses, along with bereavement services for families. The team raised over £2000, which will provide a bereavement session (about 2-3 hours long) for eight families.



Stand Out! Make a Difference

VINCI Construction UK supports employees who wish to volunteer within the community by allowing them an additional day's paid leave to do so. The company initiative is called STAND OUT! MAKE A DIFFERENCE.

A team of Taylor Woodrow employees from the Tottenham Court Road Station Upgrade project recently took part in a volunteer day at the Barnsbury Estate near King's Cross Station as part of a community garden project run by charitable organisation, Newlon Fusion.

A large proportion of the residents on the estate are on low incomes and over half of the young adults live below the poverty line. Further statistics show that 91% of residents do not exercise regularly and 64% do not eat healthily.

With just £5,000 to completely transform the garden into a space that the whole community could use, the volunteers set to work building benches out of donated wooden pallets, planting in the newly constructed flower beds, hanging and planting wall planters, planting trees and levelling an area of ground ready for a large flower bed.

**STAND
OUT!
MAKE A
DIFFERENCE**

ENVIRONMENTAL WEEK AT COVENTRY UNIVERSITY HOSPITAL

Before



VINCI Facilities site team at Coventry University Hospital have engaged with the hospital and its users in a fun and interactive way, organising a VINCI Facilities Environmental Week.

During the week the site team and volunteers participated in a wide range of initiatives, including a re-invigoration of the communal garden on the hospital grounds to enable the children from the hospital wards to use and enjoy that space.

The team also gave talks to the children on subjects ranging from fishing to falconry, whilst the on-site environment talks explained what swales, meadows and animals you can spot in the hospital grounds.

An Environmental Week poster competition was held and two children received tablets for their winning contributions. In addition, VINCI Facilities donated £500 to each of the three wards from which children took part.

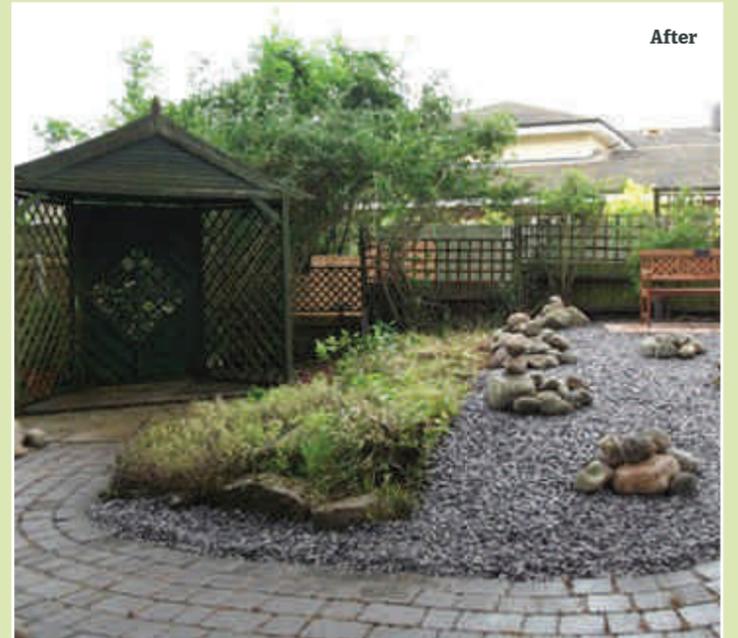
"It has been heart-warming to see the smiles of the children actively participating in the competitions and talks. It really reminds us of how much we can achieve when we decide to deliver more than the hard FM service expected, by people who really care."

David Lawson, Project Director, VINCI Facilities

"The work the VINCI Facilities team are doing is impressive."

David Powell, Soft Services Performance Manager, Coventry University Hospital

After



**VINCI UK
FOUNDATION**



VINCI UK FOUNDATION

The VINCI UK Foundation provides a framework that enables our employees to become personally involved in initiatives by using their experience and skills to benefit the local community.

The original VINCI Foundation was launched in France in 2002 and since then has supported 1,650 projects tackling social exclusion by providing opportunities for access to employment, increased mobility, integration through housing and strengthening social cohesion.

The VINCI UK Foundation was launched in February 2016 and received 26 applications of which 19 were successful.

The next call for grants will be in early 2017.

www.vinci-uk-foundation.co.uk