



## **Green DnA**

### **BREEAM Services**

Sustainability technical lead, advice, and assessments on residential & non-residential projects in the U.K., Europe and the Middle East. Selection of clients include **Vinci Construction UK, Wates Construction, Savills UK, Scott White and Hookins, Norman Disney & Young, Atelier Ten, Sweett Group, LOCI Architecture, Henderson UK Property, Dalen Strategies, RES Group, Alpin, Kier.**

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**11 Burford Road, Stratford, London (John Cirmaci Builders Ltd):** Sustainability, BREEAM AP and BREEAM expert advice to the Contractor's team for BREEAM 2018 New Construction and BREEAM 2014 RFO assessments for part refurb and part new office building being undertaken by another consultant.

**Children and Young Persons (CYP) Building, SLAM, London (Currie & Brown):** BREEAM AP services for BREEAM 2018 New Construction assessment for a centre that will include inpatient and outpatient departments, small school, office and research areas and space for diagnostic devices.

**Crossrail Whitechapel Station, London (Vinci Construction UK):** Sustainability and BREEAM advice and assessment services for the construction of Crossrail's new station at Whitechapel. The project is targeting Excellent rating for post construction and was awarded BREEAM Bespoke 2008 Excellent rating at design stage.

**St Ann's Healthcare Campus, London (Vinci Construction UK):** Sustainability and BREEAM advice and assessment services for the construction of new healthcare hospital. The project is targeting Excellent rating for post construction and was awarded BREEAM Healthcare 2014 Excellent rating at design stage.

**The Copyright Building, London (Norman, Disney & Young):** Lead BREEAM assessor to provide consultancy services and advice for BREEAM New Construction 2014 assessment to office building. The building was awarded BREEAM Excellent rating.

**73-89 Oxford Street (Norman, Disney & Young):** Lead BREEAM assessor to provide consultancy services and advice for BREEAM New Construction 2011 assessment to office building. The building is targeting BREEAM Excellent rating.

**Stonehenge Visitors Centre, Amesbury (Norman, Disney & Young):** Lead BREEAM assessor to provide consultancy services and advice for BREEAM Bespoke 2008 assessment. The building was awarded BREEAM Very Good rating.

**Block M8 Gymbox, Stratford, London (Norman, Disney & Young):** Lead BREEAM assessor to provide consultancy services and advice for BREEAM Bespoke 2011 assessment. The building was awarded BREEAM Very Good rating.

**WWF-UK Living Planet Centre, Woking (Atelier Ten):** Sustainability and BREEAM advice and assessor services for the construction of WWF headquarters building designed to meet the highest sustainability standards. The building was awarded BREEAM Bespoke 2008 Outstanding rating.

**South Hampstead High School, London (Atelier Ten):** Sustainability and BREEAM advice and assessor services for the construction and extension of the existing listed and Victorian school buildings being developed by Girls Day School Trust. The school was awarded BREEAM Education 2008 Very Good rating.

**Westfield, Milan (Norman Disney & Young):** Lead BREEAM assessor and AP to provide consultancy services and advice for BREEAM International 2013 assessment for Westfield Milan shopping centre. The office area is approximately 10403 sq.ft., located on the 10<sup>th</sup> floor. The building is targeting BREEAM Excellent rating.

**Ghaf Hills, Middle East (Alpin Ltd):** Lead BREEAM assessor and AP consultancy services and advice at concept design for BREEAM International 2016 assessment for 4-, 5- and 6-bedroom units. The building is targeting BREEAM Very Good rating.

**Garden Apartments, Al Zahia Development, Sharjah (Alpin Ltd):** Lead BREEAM assessor and AP to provide consultancy services and advice for BREEAM International 2013 assessment for 3 blocks of apartments. The Garden Apartments will include studio flats, and 1- and 2-bed apartments to be developed in three phases. Each building is expected to be G+3 to G+5 floors. The Garden Apartments will also have access to a dedicated shared leisure facility including an outdoor pool, small exercise room, and dedicated on grade car park spaces. The building is targeting BREEAM Very Good rating.

**1st floor 62 Cornhill, London (The Real Estate):** Lead BREEAM assessor to provide consultancy services and advice for BREEAM Offices (Fit-out) 2008 assessment.

**Lewisham Southwark College Phases 1 and 2, London (Scott, White and Hookins):** Lead BREEAM assessor to provide consultancy services and advice for BREEAM Education 2011 assessments.

**Students' Centre, London Southbank University (Scott, White and Hookins):** Lead BREEAM assessor to provide consultancy services and advice for BREEAM Higher Education 2011 assessment.

**Lowestoft College, Lowestoft (Scott, White and Hookins):** Lead BREEAM assessor to provide consultancy services and advice for BREEAM Further Education 2008 assessment.

**Yerevan Airport Arrival and Departures Terminal, Armenia (Carbon Conscious):** Sustainability and BREEAM International advice to the design team for the extension of the existing airport.

**Bayliss Road, Lambeth, London:** BREEAM 2011 and Code for Sustainable Homes pre-assessment service for a mixed-use development with 1-, 2- and 3-bed apartments and offices and retail space.

**Sir Harry Smith and Cromwell Community College, Cambridgeshire (Carbon Conscious):** BREEAM Education 2008 assessment and advice for two schools.

**Hamworth Park Hotel, Feltham (Carbon Conscious):** Sustainability and BREEAM advice to refurbishment of the Grade II listed Georgian and Victorian house into a luxury hotel, conference facilities and function venues.

#### **Savills UK**

**Sedley Place, London:** BREEAM In-Use assessment advice and support.

**One Southampton Row, London:** BREEAM In-Use assessment advice and support.

**Kings Place, 90 York Way, London:** BREEAM In-Use assessment advice and support.

#### **Atelier Ten**

**WWF-UK Living Planet Centre, Woking:** WWF headquarters design proposal for the redevelopment of the Brewery Road car park site in Woking is for a building that is sympathetic to its natural surrounding and complements it whilst meeting the highest sustainability standards. Services included consultancy, guidance and assistance to the design teams and the client to meet BREEAM Bespoke 2008 Outstanding rating for the environmentally friendly and energy efficient HQ office building.

**South Hampstead High School, London:** Sustainability and BREEAM advice for planning and design of extension, refurbishment and demolition to the existing listed and Victorian school buildings being developed by Girls Day School Trust.

**Rutherglen Low Carbon Zone, Glasgow:** Clyde Gateway is developing a masterplan for low carbon mixed used development in Glasgow. The client and the design team are undertaking BREEAM

Communities assessment for the development. Services included design advice and consultancy to meet BREEAM Communities 'Excellent' rating.

**Sulgrave Gardens, London W6:** Octavia have developed flats, maisonettes and houses in W6 designed to the stringent Passivhaus principles. Services included design advice and consultancy to meet Code for Sustainable Homes Level 4 rating.

**Pattern House, Longlands Mill, Stalybridge:** Urban Splash undertook EcoHomes 2006 assessment for the development and refurbishment of Longlands Mill into 1- and 2-bed residential flats. The development achieved a 'Good' rating under EcoHomes 2006.

#### **AECOM (previously URS and Scott Wilson Ltd)**

**East India Regeneration, London:** Tower Hamlets Council have undertaken to refurbish and newly built parts of EIE. Undertaken analysis of the likely impacts of the proposed development on daylight and sunlight availability to the adjacent properties and open spaces. This was realised through building a site model used for master planning in IES software of the pre and post development scenarios, analysis and calculation of overshadowing, Vertical Sky Components (VSC) and Annual Probable Sunlight Hours (APSH). Alternative design solutions recommended to minimise the impacts of overshadowing and daylight availability to the existing and proposed buildings.

**Woodberry Down, Hackney Borough, London:** Sustainable Regeneration for approximately 5000 developments along with commercial, retail, educational facilities and open spaces. Microclimatic analysis of the likely impacts undertaken as above. Based on the results, worst case scenarios were selected to ensure if daylight factors and view of sky parameters will be met throughout the development, as was mandatory for Planning Permission.

**Stratford City Zones 3-6, London:** Scott Wilson has been appointed by the Olympic Authority to review various studies undertaken by consultants for the design of Olympics Village. Undertook review of microclimatic studies for Stratford City Zones undertaken by other consultants.

**Leicester BSF:** Involves 10 new build & 3 refurbished schools distributed in 4 phases around Leicestershire. All new builds to be designed to achieve a BREEAM 'Excellent' rating. Design excellence is a key feature of the programme, while the local ambition for the new schools to provide a minimum of 10% of their energy needs from sustainable sources has been exceeded.

**The Epic Project, Lincolnshire:** The Epic project is an exhibition centre and a multi purpose building for the Lincolnshire Agricultural Society being built at the Lincoln showground. The project involved undertaking a design charrette to provide the design team with sustainable and passive energy solutions for the competition in 2006-7. This was followed by appointment as a BREEAM Bespoke Assessor, and providing ongoing guidance and advice for the Bespoke Assessment.

**East London Line:** Part of the sustainability team developing and delivering sustainability workshops with various sets of disciplines e.g. railway engineers (mechanical, electrical, acoustics), architects, client (Balfour Beatty & Carillion Joint Venture), etc. for development of East London Line. Presented and conducted workshops to recognise realistic initiatives to enhance sustainability performance of the ELL scheme. The workshops were divided into four main categories namely, Bridges & Structures, Railway Works, Stations & Buildings and JV the objectives being, identifying initiatives, objectives, targets, outcomes, dependencies, risks and opportunities.

**Coalhouse Fort, East Tilbury, Thurrock:** Sustainability Initiatives study included within the Scoping Study to assess sustainable, environmental friendly future use of the historic fort.

**Gladman Office Modules:** Sustainability Strategy and sustainability shopping list along with architectural and M&E material specification review for Gladman's standard office block modules.

**The King's Observatory, Richmond:** The King's Observatory in Richmond upon Thames is a Grade-I listed Observatory Building to be refurbished within the permissible limits. Services included planning advice and Sustainability Statement to improve sustainability initiatives within the scheme and improve the quality of life for the community, maximise social and economic value and minimise environmental impacts.

## Other

- Corby Rail Station - Bespoke
- Glasshouse College Refurbishment - Education
- St Pauls Academy, Greenwich - Schools
- Walthamstow Fire Station - Bespoke
- CUC Falmouth, Phase 2 (Zone A) Development - Further Education
- Kingshurst Junior & Infants School - Schools
- Guildford Civic Centre - Bespoke
- Hendon Magistrates Court - Bespoke