

SGI

Sofia Office



2020

Sustainability

Capability brochure



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SGI

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Stephen George International believes that a commitment to sustainable design and sustainability within our own company is an essential part of our business in the 21st century. All aspects of this commitment are formulated and co-ordinated by our sustainability steering group composed of suitably experienced personnel from all our office locations.

Our interest in sustainable design is lifelong; we were commissioned to research passive solar energy collection by the then European Economic Community back in 1978. Recognising the need to adhere strictly to

budgets, we have developed strategies for sustainable design that are cost-effective for our clients to implement. In 2011, our commitment to and understanding of sustainable design resulted in Stephen George + Partners winning several important design awards for our work on the SusCon Building and our Guide to Materials and the Environment.

Stephen George International was invited to join the BRE's CLIMB programme as key stakeholders. The world renowned Building Research Establishment's Centre for Low Impact Materials and Buildings offered us the

opportunity to hold discussions and workshops with other selected professionals on the sustainability of building materials. The results of this forum were recorded by the BRE to provide a basis for ongoing research into reducing the carbon footprint of building projects.

BREEAM (Building Research Establishment Environmental Assessment Method) covers a wide range of environmental issues within a single assessment. It is viewed as being the leading and most widely used system around the world, setting the standard for best practice in sustainable building design.

breeam





OUR COMMITMENT TO SUSTAINABILITY IS LIFE LONG...

Stephen George International Guide to Building Materials and the Environment

Inspired by the extensive research undertaken for various internal projects, this guide is intended to be a practical aid to help designers consider the environmental implications of commonly specified (and some more unusual) building materials.

It comprises three main sections:

- Section 1 - A short overview of sustainable construction;
- Section 2 - An extensive summary of materials used in construction products providing an insight into the environmental impact of their production, use and eventual disposal;
- Section 3 - Contains a range of data sheets for materials and elements with guidance on their advantages and disadvantages, practical considerations and sustainable alternatives.

The guide also contains an extensive bibliography and is fully interactive with many useful links to external sources of further information.

The Stephen George International Guide to Building Materials and the Environment is free to download from www.stephengeorgeint.com

RIBA   **WINNER OF THE RIBA
PRESIDENTS AWARD FOR
OUTSTANDING PRACTICE
LOCATED RESEARCH 2011**





ENVIRONMENT STATEMENT

Stephen George International are Architects and Masterplanners; it is our business to create environments; buildings and spaces that are both pleasing and functional for the people who commission them and equally for all those that experience them. In this we will strive for the removal or at least the reduction of any adverse effects this has on our planet and its people. In support of this statement we have prepared two policy documents. The first covers our activities as designers and the solutions we propose; this is our Sustainable Design Policy. The second deals with our day-to-day business activities: our Internal Operations Policy. These documents together will guide our decision making processes towards a more sustainable future. We are also committed to review these policies periodically, and whenever possible set improvement objectives. We are also committed to a continuing programme of education and development for all employees. This is to ensure we have the widespread and up-to-date knowledge base necessary for us to achieve our environmental goals.

Our Sustainability Policy is available on request and our sustainability portfolio is available for download from our website www.stephengeorgeint.com



GARITAGE
PARK
SOFIA

Sector: Mixed-use
development
Client: Garitage
Parameters: 155000m²
of land, 104000m²
of GEA at Phase 1
Location: Sofia / Bulgaria

FIRST BREEAM
COMMUNITIES PROJECT
FOR SOUTH-EASTERN EUROPE





Garitage Park, Sofia

“There are now a number of green buildings in Bulgaria certified by BREEAM, this shows the rapid rate of change that we are seeing in the country and also the Balkan Region to drive performance and to attract inward investment. But the drive to improve is not stopping at the building level to ensure a higher quality built environment. Stephen George International as Masterplanners and Momerin, BREEAM assessors are now driving a new development which will look to apply BREEAM communities in Sofia for the first time. This passion to improve will ensure that this masterplan will ensure extensive attention is paid to a wide range of issues by undertaking studies which include demographic, ecological, energy and water to set new standards in community design”

Martin Townsend
Sustainability Director
BRE Global

 THE BREEAM FURTHER
EDUCATION AWARD 2012

 THE RIBA EAST MIDLANDS
LOW CARBON DESIGN
AWARD FOR ENVIRONMENTAL
INITIATIVE 2011

 THE LABC NATIONAL
BUILDING EXCELLENCE
AWARD 2011

SusCon
(Sustainable construction training and research center) in Dartford, has been awarded a BREEAM Education 2008 'Outstanding' rating with a score of 89.58% on completion. At the time, this was the highest ever achieved for this category of building. SusCon was delivered for a public/private partnership led by Dartford Borough Council, Prologis UK Ltd. and North West Kent College and is designed to be a learning tool for sustainable construction.





THE FIRST BREEAM
CERTIFIED RESIDENTIAL
BUILDING IN BULGARIA

IZGREV 132 APARTMENTS

Sector: Residential
Client: K&D Developments
Parameters: 3200m²
Location: Sofia, Bulgaria
Status: On site

UNDER BREEAM CERTIFICATION
OFFICE BUILDING
IN BULGARIA, PLOVDIV

KAMENITSA
HILLS
PLOVDIV



Sector: Office - Mixed-use
Parameters: 130 E000m²
Location: Plovdiv / Bulgaria
Status: Developed design

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