

Sustainable Solutions for People, Property and the Planet





**Nuplanet
Sustainable
Solutions is
an innovative
consultancy service
offering sustainable
solutions for
buildings and the
people who
use them.**

The built environment accounts for about 50% of the UK's carbon dioxide emissions and it's increasingly clear that we have to change the way we design, construct and use buildings.

In recognition of this, Nuplanet Sustainable Solutions offers a wide range of client design advisory services for all aspects of environmental and sustainable design solutions for both new build and retrofit projects.

By using our knowledge and skills in this specialist field, our strong construction background, and our passion for developing energy efficient buildings, we can offer design advice on how to develop practical and cost effective solutions to meet the needs for low and zero carbon sustainable developments.

We promote the efficient use of world resources, and the recognition to develop more sustainable living through carbon reduction, the reduction of energy consumption, the use of clean technologies, and the selection of suitable materials by using management systems like the Code for Sustainable Homes, and PassivHaus Standards. We are trained in energy efficient tools such as SAP and PHPP, which offers assurance to our clients of our professional high quality service.

About Us

Our consultancy is based in Hove, East Sussex, and was formed on the back of our desire to improve the way we build our properties and live our lives through the necessity to make the environment we live in a healthier and a more sustainable place.

We believe that this can be achieved through our understanding of the physics of developing energy efficient buildings, and our knowledge of how to create comfortable living and work spaces which are very cost effective to run, whilst being sympathetic to the environment.

Our Clients

We understand that each client will require a new level of service, so we have made ourselves adaptable to flex with our clients needs.

Our services are offered to individual clients as well as larger house builders, developers, Housing associations, Architects, and planning consultants.

We offer advice to facility and building managers, educational establishments, environmental policy makers, local authorities, as well as private clients. Whatever the scale or type of the project, we can offer the right sustainable solution to your requirements.

Other Services



SUSTAINABLE BUILDING DESIGN

- Code for Sustainable Homes Assessment
- PassivHaus design Consultancy
- On Construction SAP assessment
- Sustainability statement design
- Retrofit consultancy
- Super E consultants



ENERGY

- Energy Strategies
- Part L Energy Assessments (SAP's, SBEM's, EPC's, DEC's)
- Energy audits
- Energy management
- Built asset management
- LZC (Low Carbon and Zero Carbon) feasibility reports
- Sustainable Community consultants



WASTE AND WATER MANAGEMENT

- Waste reduction and management advice
- Water saving and water management advice
- Water use calculations
- Rainwater and Grey water Harvesting advice



ENVIRONMENTAL CONSULTANCY SERVICES

- Policies and statement design
- Marketing Strategies
- Design Stage calculations and building analysis
- Daylight calculations
- U-value calculations
- Thermal bridging assessment and calculations
- Modern Methods of Construction (MMC) consultancy
- Sustainability consultants
- CPD's and training
- Green roof consultancy



The Code

Nuplanet is qualified to assess new residential buildings through the Code for Sustainable Homes.

Through pre-planning we can help the client and project team to identify where credits can be easily targeted to help achieve their sustainable goals.

We can develop a sustainable design strategy to assist in meeting the sustainable conditions at the different code levels. In the post planning phase of the project we can advise on how the project can achieve both design and post construction stage certification.

PassivHaus

PassivHaus buildings achieve an 80% reduction in space heating requirements, when compared to standard practice for new build projects in the United Kingdom.

Nuplanet are trained in using the PassivHaus Planning Package, which is a powerful tool used in the design process to help achieve the required standards set by PassivHaus.

SAP

Nuplanet offer On Construction Energy Assessment (OCEA), which is a requirement in satisfying approval of Building Regulations Part L Approved document L1A, which cover the energy performance of any new build residential development.

This is in the form of a SAP assessment. We are able to offer the required two part 'Design Stage' and 'As Build' assessment for building control approval. We also produce the Predicted Energy Assessments (PEA) and Energy Performance Certificate at the end of the relevant stages. Additional related services offered by Nuplanet are SAP workshops to help the project team design the building to a specific performance, and U-value calculations.



Energy Strategies

Nuplanet can develop an energy strategy for your project which can be used as evidence for Code for Sustainable Homes pre-assessment, planning submission, planning condition discharge, and renewable energy feasibility study, which is a requirement in achieving credits in category ENE in the Code for Sustainable Homes.

Energy strategies are required at all levels for all types of building from residential units, to commercial developments. The energy strategy will consider the energy efficiency of the building fabric, the carbon emissions from the building, and the provision of energy through on-site renewable technologies. By utilising our knowledge and the use of modelling tools such as SAP and SBEM, we are able to carry assessment of the expected performance of different scenarios, which can help determine the most cost effective and practical solutions.

Accreditations



Retrofits

With 60% of building stock in 2050 already built, and nearly half of them built before 1985 when Part L was first introduced, it is looking an up hill task for the UK to meet its 80% Greenhouse gas emission targets.

The solution to this is to undertake a Retrofit programme to bring existing buildings into line with new standards. Nuplanet offer a low carbon refurbishments consultancy service. By assessing the existing building performance using modelling tools such as SAP, SBEM and PHPP, we can identify the areas that need addressing. Our robust approach and experience enables us to offer cost effective and practical solutions to all types of construction.



Contact us for further information...



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