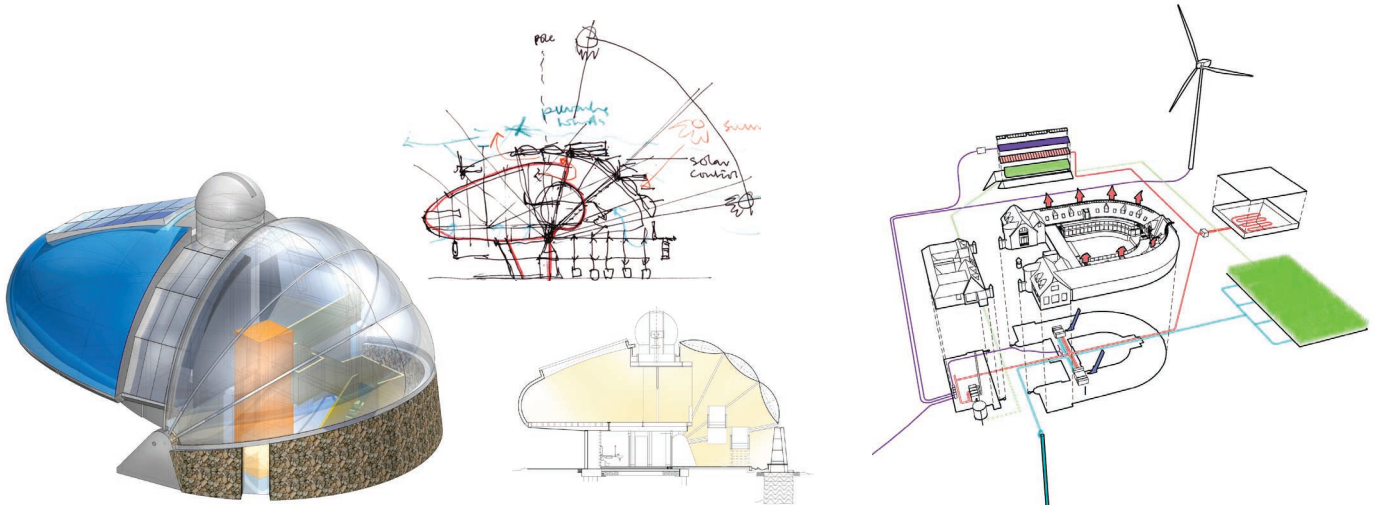


Research & Development Projects



Student & Community Engagement in School Building

The development and implementation of student engagement procedures initiated by the Sorrell Foundation in the context of the design and constructing of The City Academy, Hackney.

BIPV Buildings Workshop | BIPV Projects

Organisation of a workshop at the Science Museum; preparation and production of review of PV projects in the UK. PV in Buildings

Renewable Energy Centre Research and Development Programme | EU Framework 5 / DTI

The development and installation of renewable energy systems together with those of passive solar design.

Beaufort Court Zero Emissions Building Phase 2 | Renewable Energy Systems

The development and refinement of the Beaufort Court energy systems in the context of a new 1300m² extension.

21st Century Classroom | BBC

A demonstration classroom to research and promote future ICT learning and teaching.

Classroom of the Future | DfEE / RB of Kensington & Chelsea

A demonstration classroom which anticipates teaching and learning conditions in 10 years' time.

Orange at Home | Orange Plc

The transformation of a 19th century farmhouse into a home of the future for monitoring the 6 month stay of volunteer families.

Orange at Work | Orange Plc

A demonstration office setting anticipating work conditions in 10 years' time.

IEA TASK VII Programme: Photovoltaic Power in the Built Environment | IEA

An international programme for development and assessment of all aspects of photovoltaics in the built environment.

SanaSina, Gulf of Aqaba, Egypt | EU MEDCAMPUS / Frederich Ebert Foundation

Formulation of sustainable principles for resort development in Egypt, with application as a case study.

Photovoltaics in Buildings Programme | EU ALTERNER

Development and dissemination of BIPV principles.

Solar Boarding House, Haileybury College | EU Framework 5 / DTI

Development of proposals for a PV/T powered and heated version of the Girls' Boarding House at Haileybury College.

CABE Case Study Project

Review of sustainable attributes of all CABE web based case study projects.

Survey Tools for the Design of Photovoltaic Power Systems | ETSU / DTI

Preparation of a report surveying computer based programmes intended to assist the design of BIPV buildings.

Design Guide for Energy Efficient Atria in Office Buildings | BRECSU / DETR

Preparation of a guide for the design of atria in office buildings.

Solar Office Doxford International | ERDF / Dept Trade & Industry

The development, installation and monitoring of a building integrated photovoltaic array and passive solar measures.

Evaluation Criteria for PV Integrated Buildings | ETSU / DTI

The formulation of evaluation criteria for assessing the performances of BIPV buildings.

Limited Facility Flyovers | Highways Agency / UK Dept of Transport

Development as a tool for traffic management in cities.

Mixed Mode Building | BRECSU / DETR

Preparation of a brochure explaining the principles of mixed mode design and its environmental benefits.

Progetto P.A.R.C.O. Rome | EU / ECDGX – Program Raphael Archeo

Preparation of low energy proposals for renovating and converting a derelict historic castle.

REFRAME | EU Framework

The development of a window with the thermal properties of Part L cavity construction.