

The Centre applies an action-orientated approach to research and training, based on monitoring and understanding business and other stakeholder needs.

This unique interface management approach brings together specialist expertise to tackle real world opportunities and problems.

#### Opportunities for collaboration

##### Corporate partnership

Alliances can be established to provide a portfolio of services designed around organisational needs.

##### Research

Surveys and research projects can be completed.

##### Consultancy

Projects can be undertaken and advise given based on experience.

##### Events

In-house conferences, workshops or seminars can be organised for companies, governments or other organisations.

##### Training

Customised training programmes can be produced covering sustainable innovation and eco-design utilising the Centre's network of expert trainers worldwide. A portfolio of training materials can be developed according to customers' needs.



#### For more information:

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#### Clients

CfSD has completed a range of research, consultancy and training projects for a number of public and private sector clients since its launch in 1995. These include:

- ▣ AEA Technology (UK)
- ▣ Business Council for Sustainable Development (Taiwan)
- ▣ Centrica (UK)
- ▣ Commonwealth Science Council (UK)
- ▣ Department of Trade & Industry (UK)
- ▣ Design Council (UK)
- ▣ Hong Kong Productivity Council (Hong Kong)
- ▣ EPSRC (UK)
- ▣ ETC (Taiwan)
- ▣ European Commission (Belgium)
- ▣ Fundacion Entorno (Spain)
- ▣ Government Office of the South-East (UK)
- ▣ Ministry of Economy Trade and Industry (Japan)
- ▣ Nordic Council of Ministers (Sweden)
- ▣ Johnson & Johnson (US)

- ▣ South-East England Development Agency (UK)
- ▣ TNO (Netherlands)
- ▣ United Nations Environment Programme (France)
- ▣ Waste & Resources Action Plan (UK).

#### CfSD achievements

CfSD has been involved in a range of high profile initiatives and projects worldwide. These include:

- ▣ Advisory and judging panel member for DesignSense (Sustainable Design Award)
- ▣ Judging panel for Hong Kong Eco-Products Awards
- ▣ Judging panel member for ACCA Sustainability Reporting Awards
- ▣ Member of ISO and BSI working groups on ISOTR14062.
- ▣ Member of Sustainability advisory boards for InterfaceFlor and P&G
- ▣ Regular invited speaker at international conferences in Asia, Europe and North America

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An introduction to...

# The Centre for Sustainable Design



The Centre for Sustainable Design



university college  
for the creative arts  
at canterbury, epsom, farnham  
maidstone and rochester

An initiative of the University College of the Creative Arts

The Centre for Sustainable Design (CfSD) was established in 1995, building on an original regional initiative established in the early 90s.

CfSD develops and disseminates understanding and knowledge of present and future impacts of sustainability on innovation, products, services and systems.

### Competence

CfSD has two areas of core competence:

#### Sustainable innovation

Understanding the policy and business dimensions of innovation for 'triple bottom line' sustainability (environmental, social and financial).

#### Eco-design management

Understanding the organisational and management implications of eco-product development.

CfSD have worked in various industry:

#### Sectors

CfSD have developed considerable experience in the global manufacturing industry especially in electronics and are now diversifying into low carbon and sustainable building technologies.

#### Services

CfSD provides six core services:

- 01 Research
- 02 Consultancy
- 03 Events
- 04 Networks
- 05 Training
- 06 Information



### 01 Research

CfSD has completed product-related environmental research in a range of areas including eco-design, design for remanufacturing, eco(packaging)design, marketing, supply chain management, product-service-systems (PSS), new business models, product policy and sustainable consumption and production (SCP). Projects have been funded from various regional, national and EC sources. CfSD has also led missions to Japan, China, Hong Kong and Taiwan to explore the 'state of the art' in eco-design (see [www.cfsd.org.uk/aede/reports](http://www.cfsd.org.uk/aede/reports)). For details of selected research reports see [www.cfsd.org.uk/research](http://www.cfsd.org.uk/research)

CfSD has directed or been a partner in a range of major research and training projects.

- ▣ Centre of Excellence in Sustainable Innovation & Design [www.cfsd.org.uk/coe-sid](http://www.cfsd.org.uk/coe-sid)
- ▣ AEDE (Asia Eco-Design Electronics) [www.cfsd.org.uk/aede](http://www.cfsd.org.uk/aede)
- ▣ SCORE (Sustainable Consumption Research Exchanges) [www.score-network.org](http://www.score-network.org)
- ▣ SusProNet (Sustainable Products & Services Network) [www.supronet.org](http://www.supronet.org)
- ▣ ECOLIFE 1 & 2 (Closing the Loop on Electronic Products and Domestic Appliances) [www.sat-research.at](http://www.sat-research.at) [www.ihrt.tuwien.ac.at/ecolife](http://www.ihrt.tuwien.ac.at/ecolife)
- ▣ ETMUEL (Eco-design and Training for Manufacture, Use and 'End of Life' for SMEs) [www.cfsd.org.uk/general/tools.htm](http://www.cfsd.org.uk/general/tools.htm)
- ▣ IPP-EPD project (Integrated Product Policy and Eco-Product Development) [www.cfsd.org.uk/ipp-epd](http://www.cfsd.org.uk/ipp-epd)

### 02 Consultancy

CfSD offers consultancy services based on its core competences and has undertaken projects for both private and public sector clients. Considerable expertise has been built in eco-design in the electronics sector, especially in South-East Asia.

### 03 Events

#### Conferences

CfSD has organised and co-organised conferences in Europe, North America and South-East Asia covering sustainable innovation and eco-design. CfSD runs the internationally recognised 'Sustainable Innovation' series of conferences which is in its 12th year (2007) and has attracted over 1,300 delegates from over 40 countries. In addition, events have been organised with partners on new or emerging issues e.g. major European conferences on Sustainable Consumption & Production (SCP) and Product-Service-Systems (PSS).

#### Workshops

CfSD has organised many leading-edge and expert workshops on a wide range of product-related environmental issues including green electronics, packaging, sustainable marketing, corporate social responsibility (CSR), electronic environmental reporting, 'producer responsibility' legislation and product policy.



### 04 Networks

CfSD has developed a range of knowledge transfer networks covering eco-design, green electronics, environmental management and building technologies since the early 90's.

In 2007, CfSD launched eco-i net, a network aimed at bringing together stakeholders in the eco-innovation process with a particular focus on low carbon and sustainable building technologies ([www.cfsd.org.uk/eco-i-net](http://www.cfsd.org.uk/eco-i-net)). This includes organisation of events and an online community: [eco-innovation\\_network@yahoo.co.uk](mailto:eco-innovation_network@yahoo.co.uk)

A unique added-value element of eco-i net is the *Green Think!Lab* that provides a range of eco-innovation services to support inventors, entrepreneurs and companies from R&D through to commercialisation.

### 05 Training

CfSD organises the Smart ecoDesign training programme. Organisations can customise 1, 3 and 5 day courses by choosing from a flexible series of 10 x 3 hour modules (see [www.cfsd.org.uk/seeba/training/training.htm](http://www.cfsd.org.uk/seeba/training/training.htm)). In addition, CfSD has produced a range of distance learning material.



### 06 Information

CfSD's website receives over 5 million hits per year and is recognised as a key global resource on sustainable innovation and eco-design. A range of high quality resource materials can be downloaded from [www.cfsd.org.uk](http://www.cfsd.org.uk). These include:

- ▣ Research reports
- ▣ Conference abstracts
- ▣ Tools

CfSD has also developed dedicated website areas catering for specific interests:

- ▣ A focused area covering sustainable innovation has been built and can be downloaded from [www.cfsd.org.uk/Sustainable%20Innovation.index.html](http://www.cfsd.org.uk/Sustainable%20Innovation.index.html)
- ▣ A global eco-design resource for the electronics industry is available through [www.cfsd.org.uk/seeba](http://www.cfsd.org.uk/seeba)
- ▣ A specific area has been designed for marketeers and can be accessed via [www.cfsd.org.uk/smart-know-net](http://www.cfsd.org.uk/smart-know-net)

CfSD previously edited and published Journal of Sustainable Design (JSPD) – a quarterly refereed publication covering eco-product development and sustainable design. The initial ten issues of JSPD can be freely downloaded from: [www.cfsd.org.uk/journal](http://www.cfsd.org.uk/journal)

