



- ▶ World-class knowledge and experience of sustainable innovation and product sustainability
- ▶ Working with business, policymaking and research communities for two decades

The Centre for Sustainable Design®
www.cfsd.org.uk

“We cannot solve our problems with the same thinking we used when we created them.”

Albert Einstein

“Change is the law of life. And those who look only to the past or present are certain to miss the future.”

John F. Kennedy



The Centre for Sustainable Design® is an initiative of the University for the Creative Arts



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Recognised worldwide for its knowledge and expertise on sustainable innovation and product sustainability

Researches, develops and transfers knowledge and understanding of present and future impacts of sustainability related to products, technologies, services and systems

Competence

The Centre for Sustainable Design® (CfSD) has two areas of core competence:

- ▶ Sustainable innovation:
 - Understanding the policy and business implications of sustainable innovation;
 - Working with companies to create, develop and commercialise sustainable solutions;
- ▶ Product sustainability:
 - Understanding the organisational, management, development and design implications of product sustainability;
 - Working with companies to develop and deliver programmes.

CfSD has worked in various industry sectors:

Sectors

CfSD has developed considerable experience in global manufacturing industries e.g. electronics, information and communication technologies (ICT) and sustainable building products working with partners in Europe, North America and Asia.

Services

CfSD provides six core services:

01 Research

02 Projects

03 Training

04 Events

05 Networks

06 Resources

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01 Research

The Centre for Sustainable Design® (CfSD) has completed leading-edge research on sustainable innovation and product sustainability since 1995. This includes research into: sustainable consumption and production (SCP), 'producer responsibility', product policy, eco-innovation, eco-design, design for remanufacturing, eco(packaging) design, marketing, procurement, supply chain management, product-service-systems (PSS), new business models, and SMEs. CfSD has also led overseas missions to Japan, China, Hong Kong and Taiwan to explore the 'state-of-the-art' in sustainable innovation and product sustainability.

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

For more information, see www.cfsd.org.uk/research

02 Projects

CfSD has directed or been a partner in a range of European and UK-funded research and knowledge transfer projects focused on sustainable innovation and product sustainability. These include:

- ▶ Sustainable Supply Chains Through Innovation (SUSCIN);
- ▶ Environmental Market and Innovation Development (ECOMIND);
- ▶ Centre of Excellence in Sustainable Innovation & Design;
- ▶ Asia Eco-Design Electronics (AEDE);
- ▶ Sustainable Consumption Research Exchanges (SCORE);
- ▶ Sustainable Products & Services Network (SusProNet);
- ▶ Towards Zero Waste In Industrial Networks (ZEROWIN);
- ▶ Closing the Loop on Electronic Products and Domestic Appliances (ECOLIFE 1 & 2);
- ▶ Eco-design and Training for Manufacture, Use and 'End of Life' for SMEs (ETMUEL).

For more information, see www.cfsd.org.uk/projects

03 Training

CfSD has designed training programmes for public and private sector organisations based on over two decades of research and practical experience. The centre's training programmes have been delivered in Europe, North America and Asia.

Training is delivered in three areas:

- ▶ Sustainable innovation;
- ▶ Sustainable product development and design;
- ▶ Sustainability and marketing.

A unique feature of the courses are the GreenThink!® and OpenGreen® training processes developed by Martin Charter.

CfSD designs and delivers courses over one, two, three and five days, dependent on organisations' needs. Distance learning material can also be produced and delivered.

For more information, see www.cfsd.org.uk/training

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04 Events

CfSD organises the internationally recognised 'Sustainable Innovation' series of conferences, which is in its 18th year (2013) and has attracted over 2,000 delegates from over 50 countries.

CfSD has organised and co-organised conferences in Europe, North America and Asia covering sustainable innovation and product sustainability. In addition, events have been organised with partners on new or emerging issues e.g. major European and Asian conferences on sustainable consumption & production (SCP), eco-design and product-service-systems (PSS).

CfSD has also set up and facilitated a range of expert workshops related to sustainable innovation and product sustainability with a particular focus on green electronics, packaging, marketing, corporate social responsibility, electronic reporting, 'producer responsibility' legislation and product policy.

For more information, see www.cfsd.org.uk/events

05 Networks

CfSD has launched a range of Knowledge Transfer Networks (KTNs) covering eco-design, green electronics, environmental management and eco-innovation (eco-i net).

eco-i net brings together stakeholders in the eco-innovation system with a particular focus on low carbon and sustainable building technologies www.cfsd.org.uk/eco-i-net. This includes organisation of events and an online community that can be accessed via eco-innovation_network@yahoo.co.uk

A unique added-value element of eco-i net is the GreenThink© Lab, which provides a range of eco-innovation services to support inventors, entrepreneurs and companies from idea generation through R&D to commercialisation.

For more information, see www.cfsd.org.uk/networks

06 Resources

CfSD website is recognised as a key global resource on sustainable innovation and product sustainability. A range of high-quality content can be freely downloaded from www.cfsd.org.uk

These include:

- ▶ Research and projects reports;
- ▶ Conference abstracts and proceedings;
- ▶ Videos and presentations;
- ▶ Tools and checklists;
- ▶ Back issues of the Journal of Sustainable Product Design.

CfSD has also dedicated website content focused on specific interests:

- ▶ Eco-innovation – www.cfsd.org.uk/eco-i-net;
- ▶ Eco-design – www.cfsd.org.uk/seeba;
- ▶ Marketing and sustainability – www.cfsd.org.uk/smart-know-net.

For more information, see www.cfsd.org.uk/resources

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Action-orientated

The Centre for Sustainable Design® (CfSD) applies an action-orientated approach to research, consultancy and training based on understanding business and other stakeholder needs.

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

Leadership

Martin Charter, Director of the Centre, has been involved in a range of high-profile initiatives worldwide:

- ▶ Member of Sustainable Innovation Advisory Boards for P&G and InterfaceFlor;
- ▶ Chaired ISO 14006 (eco-design management) and was UK expert to ISO TR 14062 (eco-design);
- ▶ Judging and advisory board member of sustainable innovation and product sustainability awards, competitions and conferences worldwide;
- ▶ Authored and edited a number of books and reports on sustainability, innovation, product development and marketing;
- ▶ Regular speaker at international conferences in Europe, North America and Asia.

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 advice given based on experience.

Training

Customised training programmes can be produced covering sustainable innovation and product sustainability utilising the centre's staff and its network of expert trainers worldwide.

Events

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



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Clients

The Centre for Sustainable Design® (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);
- ▶ BBI (Belgium);
- ▶ Bentley Motors (UK);
- ▶ Blue Coat (US);
- ▶ Business Council for Sustainable Development (Taiwan);
- ▶ Centrica (UK);
- ▶ China Productivity Center (Taiwan);
- ▶ Commonwealth Science Council (UK/India);
- ▶ Connaught Electronics Ltd (Eire);
- ▶ Department of Trade & Industry (UK);
- ▶ Design Council (UK);
- ▶ Hewlett Packard (UK/Israel);
- ▶ 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 (UK/Netherlands/US);
- ▶ Kvarken Global Business (Finland/Sweden);
- ▶ La Salle (Spain);
- ▶ O2 (UK);
- ▶ Sanmina (US);
- ▶ South East England Development Agency (UK);
- ▶ Spirax Sarco UK (UK);
- ▶ Technopolis (Belgium);
- ▶ Tellabs (US);
- ▶ TNO (Netherlands);
- ▶ United Nations Environment Programme (France);
- ▶ WRAP (UK).

Contact

To discuss the CfSD's services or opportunities for collaboration call:

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research + enterprise



Creative Challenge
setting the pace for the future



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