



Green Gown  
Awards

Webinars

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## Not Too Many Irons in the Fire – creative approaches to saving energy

**18 November 2015, 12:00-13:00**

### **Speakers:**

**Victoria Johnsen**, LCF Sustainability Coordinator

**Rachel Clowes**, LCF Embroidery Technician

**Kristina Pulejkova**, Multimedia Artist and CSM Alum

Contact Nina: [nbartlett@eauc.org.uk](mailto:nbartlett@eauc.org.uk) / 01242 71 4321

## **Green Gown Technical Innovation Winner 2014:**

### **Not too Many Irons in the Fire**

Victoria Johnsen, LCF Sustainability Coordinator

Rachel Clowes, LCF Embroidery Technician

Kristina Pulejkova, Multimedia Artist and CSM Alum

# Better Lives

London College of Fashion

Community

Curriculum

Culture

Campus

Widening Participation

Better Lives is a term we use here at London College of Fashion to describe the work we do that uses fashion, as a discipline, to drive change, build a sustainable future and improve the way we live.

Through a wide agenda we encourage dialogue between staff, students and the wider community to develop an understanding and definition of what sustainability means to us.

Here are a number of our projects, initiatives and collaborations that reflect our belief in using fashion as a catalyst for change.



The Noble Art of the Sword project with The Wallace Collection



iSustain project by C&F and iQ Magazine

## COMMUNITY

Better Lives: Community is about how and why we work with external partners, using fashion to address the challenges of ethical responsibility and sustainability.

## CURRICULUM

Better Lives: Curriculum is about how we build sustainability into our curriculum.



Lof Loves You - a street cast model at the BA2012 show



Creating an urban orchard at LCF's Mare Street campus

## CULTURE

Better Lives: Culture is about LCF's values and our way of thinking; what we stand for.

## CAMPUS

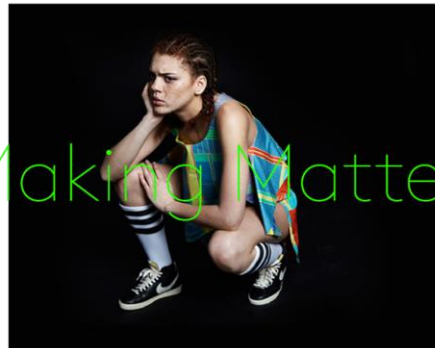
Better Lives: Campus is about our commitment to working hard to protect our natural resources.

# Centre for Sustainable Fashion

*Projects* - Our projects evolve from a variety of starting points, sometimes we work to a brief set by another organisation or individual and some times an idea is nurtured and incubated by a member of our team.



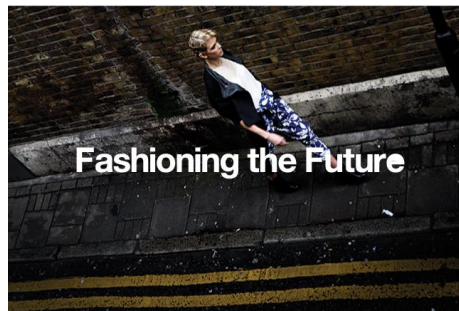
shared talent



Making Matters



LOCAL WISDOM



Fashioning the Future

# Sustainability at LCF

- Green Spaces
- Time To Think
- Recycling and WARP-IT
- Meet The Tide
- Green Week
- Carbon Dashboard



meet  
the  
tide

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Home

All Categories e.g. chairs, stationery, storage

Your login area

Email

Password

Register Now

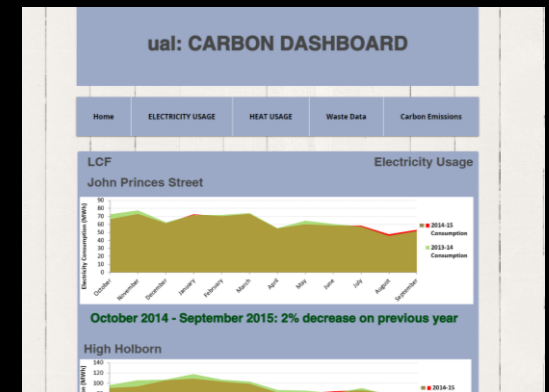
Sign in

CO2 (KG) SAVED: 0004731

WASTE AVOIDED (KG): 0001389

TIME SAVED (MINS): 0000000

TOTAL SAVINGS (£): 0005955





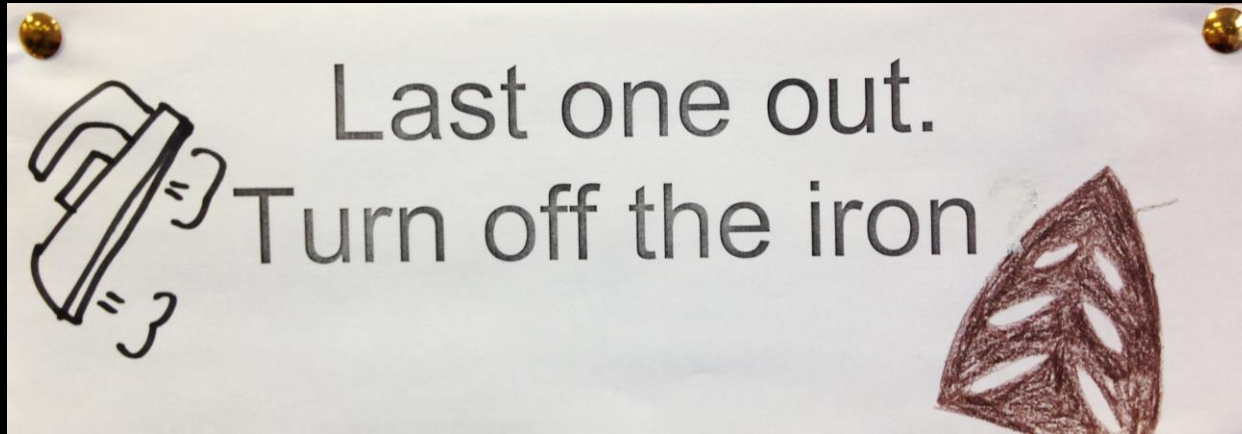
# Irons at London College of Fashion



# Iron usage



# Health, Safety and Sustainability



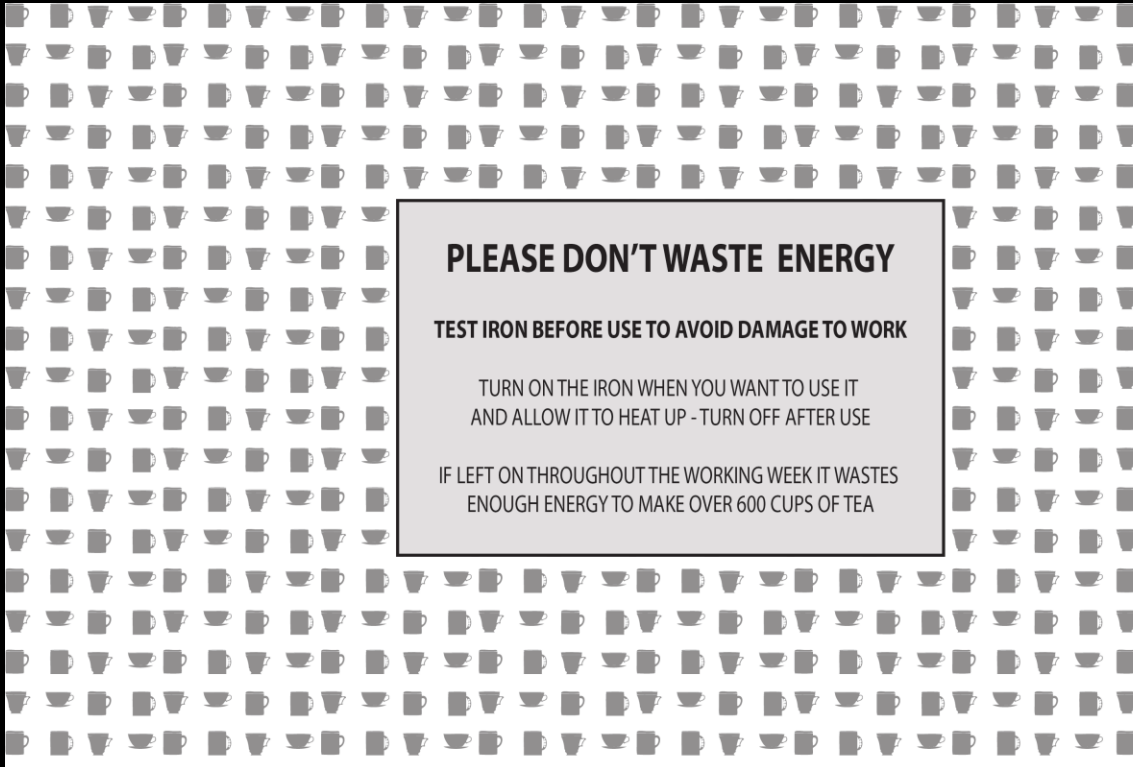
## SAFE WORKING PRACTICE IRONS

PLEASE READ ALL INSTRUCTIONS BEFORE USING  
THE EQUIPMENT.

- ◆ Locate emergency stops.
- ◆ Check water level, if in doubt consult a member of **staff**
- ◆ “Danger” hot appliance, use with caution.
- ◆ Take care when using steam.



# Automating irons

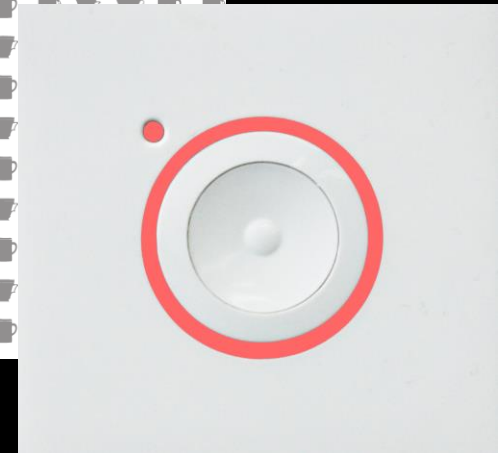


## PLEASE DON'T WASTE ENERGY

### TEST IRON BEFORE USE TO AVOID DAMAGE TO WORK

TURN ON THE IRON WHEN YOU WANT TO USE IT  
AND ALLOW IT TO HEAT UP - TURN OFF AFTER USE

IF LEFT ON THROUGHOUT THE WORKING WEEK IT WASTES  
ENOUGH ENERGY TO MAKE OVER 600 CUPS OF TEA



## Detailed measurements

- 1 iron = 3 kWh per day = 400 kWh a year
- Saving = 200kg CO<sub>2</sub> = £40
- Reduced maintenance = saves £150 a visit
  
- 60 irons / boilers across college
- 1 year = 24,000 kWh = 12,000 kg CO<sub>2</sub> = £2,400
  
- Potential for other equipment = fusing presses / heat presses / and ?

# Communicating the change



# Feedback

**LCF:**  
**GREEN**  
**WEEK**  
**9<sup>TH</sup>-13<sup>TH</sup>**  
**FEB**  
**#URBANWILDERNESS**

**LCF:**  
**Green**  
**spaces**  
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ual: university of the arts london

**reduce** **Recycle+** **rethink**

- + Plastic bottles
- + Tins
- + Cans
- + Tetra Pak
- + Glass bottles
- + Clean food items
- + Card
- + Magazines
- + Paper
- + Newspapers

[www.meetthetide.com](http://www.meetthetide.com)

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**reduce** **fW** **rethink**

**Energy from Waste+**

- + Crisp packets
- + Food
- + Plastic cutlery
- + Polystyrene
- + Serviettes
- + Dirty food items
- + Bubble wrap
- + Tea bags
- + Tissues
- + Yoghurt pots

[www.meetthetide.com](http://www.meetthetide.com)



# Communicating using video

WE HAVE INSTALLED  
**TIMER SWITCH**  
an innovative new



This reduces wasted  
energy and health  
and safety risks



TURNING THE  OFF WHEN NOT IN USE

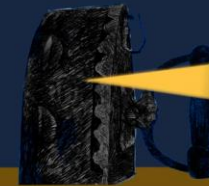


COULD SAVE ENOUGH ENERGY



**NOW**

USERS CAN SEE WHETHER IT IS ON/OFF FROM A DISTANCE



# Wider energy use communications



# Next Steps....

- Roll out project across LCF – UAL
  - Work with technicians
  - Identify equipment
  - Monitor energy savings
- Encourage more staff engagement and ideas
- Green Impact Workshops Trial

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london  
london college  
of fashion

**green impact workshops trial**  
*with Kingston University and NUS*

**workshop awarded**  
**WORKING TOWARDS BRONZE**  
July 2015

**We will be working on:**

- Turning equipment off
- Reducing use of air con
- Improving bin labelling
- Traid bin for fabrics
- Switching lights off
- More energy efficient new machines

**What do you think?**  
If you have ideas on ways to improve the sustainability of our workshops or other areas of LCF, please contact the Sustainability Coordinator at [r.willatt@fashion.arts.ac.uk](mailto:r.willatt@fashion.arts.ac.uk) or ext. 7846.