



**kira** supplies Ltd

# Sustainability Report

## Contents

About Kira Supplies .....	2
Sustainability .....	2
Kira Supplies: Sustainability in Growth .....	3
1996-2000 .....	3
2000-2010 .....	3
2011- Present Day .....	3
Ecoware.....	4
What is Ecoware?.....	4
How Ecoware Improves Sustainability.....	4
Kira House .....	5
Extra Insulation .....	5
Efficient Heating.....	5
Using Ecoware! .....	5
Saving Electricity .....	5
Energy Efficient Lighting .....	5
Other Ways In Which We Improve Our Sustainability.....	6
Recycling .....	6
Printing.....	6
Mileage .....	6
Planting Trees .....	6
Ethical Sustainability .....	6
Future Plans .....	7
Reduce Carbon Foot Print.....	7
Supporting Local Businesses .....	8

## About Kira Supplies

At Kira Supplies we aim to provide you with any IT solution that you require. We cater for nearly every aspect of IT, from ink cartridges right through to a complete network installation, and everything that plugs into it!

We will always strive to make sure that you are happy with every product that we supply. Our customer service is second to none; we aim to give you the best after-sales service possible, and make sure that if any problems arise, we deal with them quickly and efficiently.

Kira Supplies is based in Lea, just ten minutes' drive from Matlock, and has strong ties with the Derbyshire and Nottinghamshire Chamber of Commerce.

## Sustainability

At Kira Supplies we recognise that technology is crucial to business; however we also recognise the need to take care of our planet for future generations. We are aware of our impact on the environment, and are committed to preventing pollution and to improving our environmental performance.

We aim to achieve this by:

- Promoting the Ecoware multi-user system to enable our customers to reduce their need for electricity and computer hardware
- Minimising our waste to landfill through recycling
- Avoiding the waste of energy and fuel
- Investing in the development of new products with a lower impact on the environment than the ones that they replace
- Ensuring that we meet and, where possible, exceed the requirements of environmental legislation
- Setting and reviewing environmental objectives and targets

## Kira Supplies: Sustainability in Growth

### 1996-2000

Roger Anscombe started trading as Kira Supplies in 1996, initially on a part time basis from his home in Watford.

### 2000-2010

In 2000 Kira Supplies relocated to a purpose-built office in Lea in Derbyshire that was designed to be as energy efficient as possible. (See **Kira House** for more details)

In 2003 Kira Supplies became a limited company.

In 2007 Kira Supplies started to develop Ecoware multi-seat computer systems. Ecoware was immediately installed within the company to increase its green credentials and became the main focus of the company. (See Ecoware for more details)

The company grew rapidly, and, while the Lea office was being expanded, opened a second office a few miles away in Tansley.

### 2011- Present Day

In 2011 Kira Supplies finished the development of its Lea Office and merged its two offices back into one.

Basing the entire company at one location reduced its overall carbon footprint by reducing its demand for heating and electricity and by reducing - by 50% - the distance its staff had to travel to and from work.

## Ecoware

*“Right now, office equipment accounts for 15% of energy use and is expected to reach 30% by 2020. Using more office equipment doesn't just raise energy consumption; it can make work areas uncomfortably hot — increasing the need for air conditioning. It's a vicious circle.”*

*Carbon Trust. (2012). Energy Saving Fact Sheet. Office Equipment.*

### What is Ecoware?

A modern computer is so powerful that a single user only uses a very small proportion of its processing power.

The multi-award winning Ecoware systems combined with SoftXpand™ multiseat software offers the greenest eco-friendly computer solution around enabling up to six users to share the same PC; it has slots for three dual-head graphics cards, each supporting two users. Each user has a screen, keyboard and mouse as usual, and his or her own virtual workspace including applications, settings, files and preferences. Users normally do not even notice that they are sharing a PC.

Ecoware is the first solution that provides true PC performance to multiple workstations, whilst reducing costs and carbon footprint.

*Tony Roberts, Managing Director for MNT Call Centre in Nottingham, gave probably his most significant endorsement of Ecoware by saying, “It's that good we don't notice it!”*

### How Ecoware Improves Sustainability

By enabling several users to share the otherwise unused power of a PC, Ecoware also enables them to share its cost – and its carbon footprint.

The cost per Ecoware workstation is about half of the cost of an individual PC, and its running costs are even lower; a six-user Ecoware system consumes about 15W per user – about a quarter of the power consumption and carbon footprint of a single desktop PC.

With lower power consumption comes lower heat output, reducing the power required for air conditioning and its associated carbon footprint.

A shared PC contains less embodied carbon per workstation than a standalone PC, and at the end of its working life, composes less electronic waste to dispose of. Overall, the carbon footprint of an Ecoware workstation over its whole lifecycle is 83% lower than that of a PC.

Ecoware systems are built for long life; they use high quality components selected for:

- Maximum Reliability
- High Speed Processing
- Low Energy Consumption

*On seeing Ecoware, Scott Knowles, the ICT Director for the Derbyshire & Nottinghamshire Chamber of Commerce, said, “This is the best IT innovation I have seen for over two years.”*

## **Kira House**

Kira House is the Lea Office of Kira Supplies Ltd. The Director of Kira Supplies, Roger Anscombe, developed the site to be as energy efficient as possible.

### **Extra Insulation**

To ensure heat loss is at a minimum, the external walls, roof and flooring of Kira House have been designed with additional insulation, beyond the requirements of building regulations.

### **Efficient Heating**

The entire building has energy-efficient under-floor heating.

The ventilation system in Kira House uses a heat exchanger to extract the heat from expelled air to warm incoming air.

The internal walls are solid concrete and their heat mass acts as a storage radiator.

### **Using Ecoware!**

All of the PCs in the administration office of Kira Supplies are Ecoware Systems.

### **Saving Electricity**

Intelliplugs switch monitors off automatically when PCs are turned off.

### **Energy Efficient Lighting**

To minimise energy consumption, Kira House has energy efficient lighting throughout.

## Other Ways In Which We Improve Our Sustainability

### Recycling

We reduce waste to landfill by recycling:

- Paper
- Card
- Plastic
- Metal
- Compostable items

### Printing

To make any printing as eco-friendly as possible, we use Ecosys printers set to duplex printing by default.

We use email to send 99% of our invoices, eliminating the paper and energy for printing and envelopes for posting paper invoices.

We also subscribe to the Mailing Preference Service and Fax Preference Service to reduce unwanted incoming mail.

### Mileage

We use direct deliveries from suppliers to reduce delivery mileage.

The location of our office in Lea, Derbyshire offers ready access the rest of the country, reducing fuel consumption and the carbon footprint of travel.

### Planting Trees

To help offset our carbon footprint, we have planted trees in the grounds of our office in Lea.

### Ethical Sustainability

We aim to be ethically as well as environmentally sustainable by dedicating time and money to charities as well as minimising our carbon footprint. The charities that we support include:

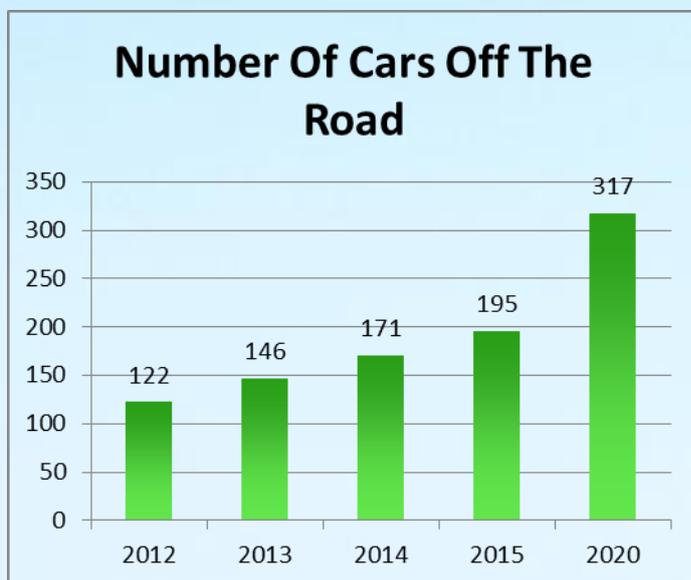
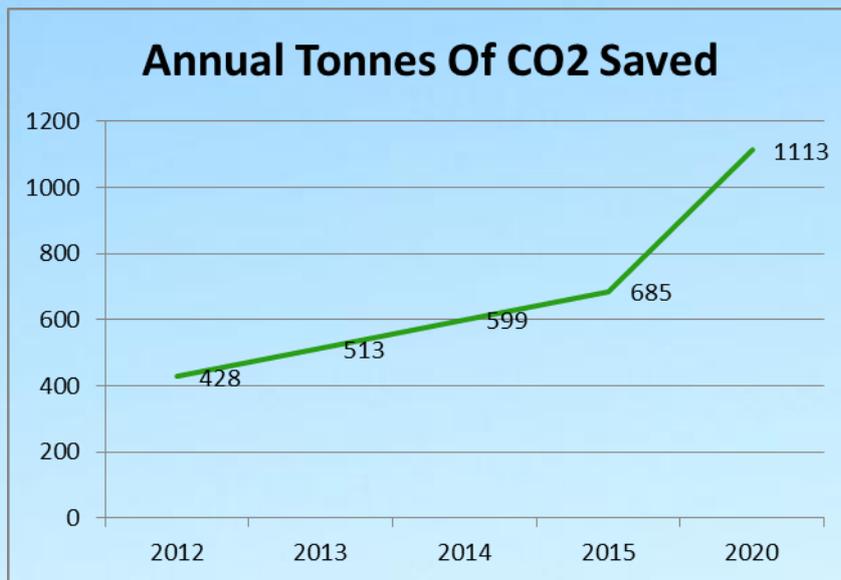
- People In Need Worldwide (PIN)
- Seventh Day Adventist Church, Sutton In Ashfield
- Adventist Development and Relief Agency (ADRA)

## Future Plans

### Reduce Carbon Foot Print

Each Ecoware PC can eliminate 5 of every 6 standard standalone PCs; by January 2012 Ecoware PCs were saving up to 428 tonnes of CO<sub>2</sub> each year, the equivalent of taking 122 cars off the road.

At the current rate of Ecoware sales, this saving will increase to about 685 tonnes of CO<sub>2</sub> each year (195 cars off the road) by 2015 and 1,113 tonnes of CO<sub>2</sub> each year (317 cars off the road) by 2020.



## **Supporting Local Businesses**

We are in discussion with local manufacturers to supply our products. This will allow us to help support local businesses and at the same time reduce transport mileage.

# kira supplies ltd

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