Good Practice in Higher Education on Carbon Reduction for Responsible Management and Student Engagement

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Your trusted ICT partner in providing leading Document Communications and Services

Fuji Xerox (Hong Kong) Limited 富士施樂（香港）有限公司

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Fuji Xerox (Hong Kong) Overview

- Joint Venture between FUJIFILM and XEROX
- Established in 1962 (HK: 1964)
- Headquarters in Japan with 15 overseas operating companies
- 45,000 regionally (HK: >900)
- From copier to be trusted ICT partner in providing leading document communications and services

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Our Vision

“Good Company” Concept

- Strong
- Kind
- Interesting

Contribution to our customers and shareholders

Consideration for the environment
Contribution to local and global communities

A workplace where employees can demonstrate their creativity employees can have a sense of growth

Employees
Shareholders/Investors
Environment Future Generations
Business Partners
Local Communities
Sustainability Challenges in Today’s Era

- Barriers to Low Carbon School: Longer operating hours and increased computer / equipment usage (ICT) in modern schools (Ref: UK study done in 2014 by T. Kershaw, S. Simm)
- Besides energy, other environmental issues include paper, waste, information security, health & safety, etc
Our Involvement in UN Global Compact & Commitment

Commencement Declaration

Initiatives based on the principles

Ongoing Initiatives

Joins Global Compact LEAD

2000 Inaugural speech by then UN Secretary General, Kofi Annan

2007
- Toshio Arima, Fuji Xerox Executive Advisor, appointed by Secretary General as a member of the Global Compact Board
- Global Compact principles reflected in the Employee Code of Conduct

2008
- Tadahito Yamamoto, Fuji Xerox President, signs the CEO Declaration

2010
- Fuji Xerox begins activities as a Global Compact LEAD company

Fuji Xerox will assume responsibility for achieving CO\textsubscript{2} mitigation throughout the lifecycle of its products, so as to reduce CO\textsubscript{2} emission by 30% from the 2005 level by 2020.

2002 Fuji Xerox becomes a signatory
Zero Carbon Operations

Eco Solution

- Optimisation of Output
  - Optimise Output Devices
  - Optimise Paper Usage
- Improve Work Process
- Centralise Servers
- Optimisation of IT Devices & Document Management
- Optimisation of Print-On-Demand
  - Efficient Print Process
  - Minimise Wastage

FX: 30% CO₂ emissions reduction by 2020 based on 2005 level
FXHK: Absolute 1% reductions on CO₂ emissions each year irrespective of operational growth in office size and headcount.

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3-Stage Approach to achieve “Print for Less, Print Less”

Stage 1: Assess & Optimize
- Optimization
- Assessment

Stage 2: Secure & Integrate
- Secure Authentication
- Scanning Portal
- Assessment

Stage 3: Automate & Simplify
- Workflow Automation
- BPO

Productivity dashboard:
- 99%
- 55%
- 40%

Report:
- Control & Resource Planning
Green IT Solution

Managed IT
- Consolidated Green dashboard and energy tracking
- State-of-art green server room cooling solutions
- Proactive managed IT support services with SLA

Green Server Solutions
- Computer Room Air Conditioning
- Consistent 30°C to 20°C temperature

Proactive IT Support Services
- FXHK Proactive Alert

IT & Energy Tracking solution
1. Monitoring
2. Analytics
3. Alarms & Reporting
4. Behavior

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Energy-tracking Management & Consultancy

What is En-trak™?
En-trak™ is an award-winning*, real-time energy monitoring system proven to help organizations and schools optimize energy efficiency, reduce utility costs and enhance green efforts.

* 2013 Hong Kong Green Innovation Award

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**Collect**
- Collect electricity consumption data with meters & sensors
- Cloud based storage for easy access anywhere, anytime
- Data is collected in every 60 seconds

**Analyze**
- User friendly, non-technical Interactive dashboard analyses with graphs & charts
- Transform technical information to simple and intuitive units for employees & publics

**Share**
- Cloud-based dashboard for computers, mobile devices or TV displays
- En-trak provides reports at your fingertip that identify the energy saving opportunities

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Key Factors for being an Eco-School

- Conduct energy / carbon audit to understand baseline
- Establish an energy/carbon reduction target
- Engage teachers, students and other stakeholders for carbon reduction initiatives
- Collaborate with real Green partner for green solutions
- On-going tracking
Towards Sustainability

Cherishing the Earth,
Caring for us and next generations!

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