



*We use ICT to Green, We add Green to ICT*

## **Green ICT Consortium Fact Sheet**

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### **A. Background**

Green ICT is regarded as one of the effective strategies, not just for the ICT industry, but for virtually all business sectors to improve operational efficiencies in maintaining market competitiveness, locally and globally. For many firms, the operating costs savings from reduced energy consumption can leave them with more resources for other vital ICT initiatives.

Increasing demand for Green ICT-based innovations will generate global opportunities for Hong Kong's ICT businesses and professionals. Hong Kong's ICT and its linked industries have a wealth of talents that can make a real difference and can achieve recognition and success in developing Green ICT innovations. Necessary infrastructure and incubatory mechanism must be in place for the industry to capitalize on the rapidly expanding global market for ICT-based solutions designed for improving energy efficiency and tackling the climate change issues.

Apart from the economic benefits, embracing Green ICT practices in business operations can tackle climate change issues associated with greenhouse gas emissions. Also, it can play a vital part in helping to promote the low carbon economy in Hong Kong that the Chief Executive pledged in his 2008-09 Policy Address. Green ICT practices can maximize environmental benefits. We invite all environmental and IT professionals in Hong Kong to take part in this effort.

### **B. Vision**

- To enhance a greener sustainable environment in Hong Kong through more efficient and more competitive ICT industry practice.
- To reduce carbon emission and pollution in public and private sectors through the use of green ICT.



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### **C. Mission**

1. To improve the operational efficiency of ICT enterprises;
2. To promote green ICT among ICT industry and enterprises;
3. To create opportunities for the ICT industry; and
4. To enhance the overall and long-term competitiveness of Hong Kong in the global market through green ICT.

### **D. Role**

Green ICT Consortium is set up to promoting Green ICT technologies and measures for improving its operational efficiency as well as promoting an environmentally responsible and sustainable culture to our society. The Consortium will establish a close collaboration with the Government in developing Green ICT strategic plans and be a part of the vanguard in creating a local Green ICT culture.

### **E. Term**

Members of the Advisory Committee, Steering Committee and the Executive Committee shall have a term of two years. Members of the Committee would be reappointed in the next term unless a written withdrawal of membership is submitted to the Consortium two months prior to the expiry of a term.

### **F. Organization Structure**

#### **Founding Organizations**

Green ICT Consortium is founded by the following professional organizations:

- Internet Professional Association (iProA)
- Communications Association of Hong Kong (CAHK)
- Energy Saving Concern Alliance (ESCA)
- Hong Kong Software Industry Association (HMSiCA)
- Monte Jade Science and Technology Association Hong Kong (Monte Jade)
- Hong Kong Computer Society (HKCS) and
- Hong Kong Information Technology Joint Council (HKITJC)



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### **Joint Patron**

**Mrs. Rita Lau Ng Wai-lan, JP**  
Secretary for Commerce and Economic  
Development  
Hong Kong Special Administrative  
Region Government

**Mr. Edward Yau Tang-wah, JP**  
Secretary for the Environment  
Hong Kong Special Administrative  
Region Government

### **Honorary Advisor**

**Mr. Gregory So Kam-Leung, JP**

Under Secretary for Commerce and Economic Development

### **Advisory Committee**

*Distinguished members from the society who would provide invaluable insights to the Consortium would be invited to join the Advisory Committee. The Advisory Committee members would provide guidance and support to the Steering Committee and the Executive Committee. While the Advisory Committee assumed no fixed meeting schedule, the Advisory Committee members would render their advice to members of the Steering and Executive Committee when necessary.*

Founding Chairman:

**Dr. Hubert Chan (CAHK)**

*Chairman of Communications Association of Hong Kong*

*CEO of Hong Kong Communications Co. Ltd*

Founding Members:

**Hon. Samson Tam (ITFC)**

*Council Member (2009 – 2011) of Internet Professional Association*

*Legislative Councilor (Information Technology)*

**Dr. Winnie Tang, JP(iProA)**

*President of Internet Professional Association*

*Chief Executive Officer of ESRI China (Hong Kong) Limited*

**Mr. Duncan Chiu (HMSiCA)**

*Chairman of Hong Kong Software Industry Association*

*Managing Director of Far East Holdings International Limited*



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**Dr. Lee George Lam (Monte Jade)**

*Chairman of Monte Jade Science and Technology Association of  
Hong Kong*

**Mr. Sunny Lee (HKCS)**

*President of Hong Kong Computer Society*

**Prof. Dennis Leung (ESCA)**

*Founding Advisor of Energy Saving Concern Alliance  
Professor of Department of Mechanical Engineering, Hong Kong  
University*

**Prof. Kam-Fai Wong (HKITJC)**

*President of Hong Kong Information Technology Joint Council*

### **Steering Committee**

*Each founding member organization shall appoint one representative to form the Steering Committee. The Steering Committee shall convene biannually to provide steer on key directions and initiatives of the Consortium.*

**Initiator & Founding Chairman: Dr. Elizabeth Quat (iProA & ESCA)**

*Co-Founder & Immediate Past President (00-06) of Internet  
Professional Association  
Founding President of Energy Saving Concern Alliance  
Founder and Director of Portal Health International Limited*

**Vice Chairmen:**

**Mr. Anthony Ip (CAHK)**

*Representative of Communications Association of Hong Kong  
General Manager of Carrier & Corporate Market, Hutchison  
Telecommunications (Hong Kong) Limited*

**Mr. Clement Tong (HMSiCA)**

*Vice-Chairman of Hong Kong Software Industry Association  
General Manager of Sinopay Group Ltd*

**Mr. Dennis Yeung (HKCS)**

*Council Member – Director of Industry Development (2009 – 2010)  
of Hong Kong Computer Society*



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Members:

**Mr. Stephen Lai (Monte Jade)**

*Board Member and Deputy Secretary General of Monte Jade*

*Science and Technology Association of Hong Kong*

**Mr. Gabriel Leung (iProA)**

*Council Member (2009 – 2011) of Internet Professional Association*

*General Manager (Hong Kong) of EMC Computer System (FE)*

*Limited*

**Mr. Laurie Wong (ESCA)**

*Founding Member and Executive Committee Member of Energy*

*Saving Concern Alliance*

*Senior Consultant, Ove Arup & Partners HK Ltd.*

### **Executive Committee**

*All member organizations that are interested to contribute to the initiatives of the Consortium can appoint representatives to join the Executive Committee as well as its sub-committees. The Committee shall convene regularly to take forward the directions and initiatives set out by the Steering Committee and report progress to the Consortium.*

Founding Chairman:

**Mr. Gabriel Leung (iProA)**

Treasurer:

**Mr. Andy Bien (HKCS)**

*Member of Hong Kong Computer Society*

*Principal, VBRAN & Co*

Members:

**Ms. Rossana Ho (ESCA)**

*Founding Member and Executive Committee Member of Energy*

*Saving Concern Alliance*

*Service Principal of Technology Services, Technology Solutions*

*Group, Hewlett-Packard HK SAR Limited*

**Mr. Johnny Ip (HMSiCA)**

*Chief Executive Officer of Hong Kong Software Industry*

*Association*

*Business Development Manager of Far East Holdings International*

*Limited*



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Mr. Happy Lee (iProA)

*Co-Chairmen - SIG in ICT in Sustainable Development of Internet*

*Professional Association*

*CEO of Ascentn Corporation*

Ms. Kathlin Liao (CAHK)

*Manager of Communications Association of Hong Kong*

Dr. Alexandra Luo (Monte Jade)

*Board Member of Monte Jade Science and Technology Association*

*Hong Kong*

### **Technical Advisor**

Hong Kong Productivity Council

### **G. Contact Information**

#### **Secretariat**

Mr. Gary Chao

Chief Executive

Internet Professional Association

Address : 27<sup>th</sup> Floor, 9 Wing Hong Street, Cheung Sha Wan, Hong Kong

Tel : +852 2778 0040

Fax : +852 2778 0032

Email : [info@iproa.org](mailto:info@iproa.org)



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Press Release – FOR IMMEDIATE RELEASE

To: Editors/Reporters – IT/Local news

**The Founding of Green ICT Consortium – Tackle Climate Change Through the Use of ICT**

(Hong Kong, 26 November 2009) **Internet Professional Association (iProA), Communications Association of Hong Kong (CAHK), Energy Saving Concern Alliance (ESCA), Hong Kong Software Industry Association (HMSiCA), Monte Jade Science and Technology Association Hong Kong (Monte Jade), Hong Kong Computer Society (HKCS) and Hong Kong Information Technology Joint Council (HKITJC)** are pleased to announce the establishment of the **Green ICT Consortium** (“Consortium”) today.

The Consortium received strong support and endorsement from the government. **Mrs. Rita Lau, Secretary for Commerce and Economic Development** and **Mr. Edward Yau, Secretary for the Environment** of the HKSAR Government are the Consortium’s Joint Patron, and **Mr. Gregory So, Under Secretary for Commerce and Economic Development**, the Consortium’s Honorary Advisor attended the Consortium Inauguration Ceremony as the Officiating Guest of Honour today.

**Mr. Gregory So** acknowledged the importance of Green ICT in his keynote speech that, “The potential of ICT to help the industry is significant and limited only by imagination. But the most important thing is to start reaping the benefits of Green ICT. Today’s occasion marks yet another milestone in building a more sustainable Hong Kong. I look forward to working with the Consortium to achieve our mutual goal – a greener Hong Kong.”

Speaking at the Inauguration Ceremony, **Dr. Elizabeth Quat**, Initiator & Founding Chairman of the Steering Committee of the Consortium and Co-Founder & Immediate Past President (00-06) of Internet Professional Association, stressed the increasing significance of Green ICT, “Climate change is a concerned and global issue that affects the existence of mankind. There is no doubt that ICT can contribute to the reduction of greenhouse gas emission. And our initiative in founding the Green ICT Consortium is just a small step taken to tackle the larger problem.”



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In the thank you note by **Dr. Hubert Chan**, Founding Chairman of the Advisory Committee of the Consortium and Chairman of Communications Association of Hong Kong, highlighted that, “it is essential to have more educational movement in Hong Kong to promote the importance and application of Green ICT.”

The Consortium released key findings from a survey conducted in October 2009 with 303 company samples. One overarching conclusion from the survey is that the Hong Kong market is still in the development stage towards Green ICT, while the US and Canada market is far ahead of us. It is essential to have more educational activities and awareness programmes in the Hong Kong for a better understanding on the importance or application of Green ICT. With a better understanding of Green ICT, more Hong Kong companies will be willing to invest more on energy efficient technologies.

The 2009 Green ICT Survey Report for Hong Kong is enclosed for information. The report is showing not only the findings of the green environment of the ICT industry in local area, but also taking US and Canada as a benchmark for comparison.

In fact, Green ICT acts as part of the cure for today’s economic crisis. The creation and utilization of information and communication technologies, products, and services can reduce energy and resources, optimizes operational efficiency and achieve savings while serving the purpose of reducing greenhouse gas emissions. Greener ICT technologies, products, or services will undoubtedly become mainstream in the wake of increasing global concerns on climate change and environmental deterioration.

The Consortium recommends the following strategies to be considered as starting points for the Government to explore opportunities for the implementation of Green ICT to meet the economical and environmental challenges:

- Include “Green ICT” in the Digital 21 Strategy;
- Implement polices and measures to encourage the use of Green ICT technologies and practices;
- Take the lead as a Green ICT User;
- Implement “Paperless Government” immediately;



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- Deploy Government-wide Green ICT audit to identify opportunities for reducing greenhouse gas emissions;
- Allocate specific budget out of the Innovation and Technology Fund and the Environment and Conservation Fund to support Green ICT technology promotion, and research and development;
- Facilitate joint efforts between the Mainland and Hong Kong's ICT industries in Green ICT research and development;
- Establish mechanism to channel locally developed Green ICT solutions or technologies to potential mainland and global users;
- Establish mechanism to recognize or certify ICT products or services that achieve prescribed green standards;
- Offer funding or subsidies for SMEs to conducting Green ICT audit to identify opportunities for cost savings and reduction in greenhouse gas emissions;
- Provide funding, subsidies or loans for SMEs to upgrade their systems to Green ICT alternatives;
- Strengthen Green ICT contents in local ICT education to meet the need of the future; and
- Encourage the development of professional training programmes and offer recognized qualifications to Green ICT professionals.

The Consortium is planning to launch a series of programmes to promote Green ICT in Hong Kong including but not limited to: Awareness Promotion Activities; Solution Focus Workshops; Pilot Studies on Green ICT Audit Standard; Promotion of Green ICT Best Practices; and Technical Training for ICT Professionals.

- End -

Photos can be downloaded here:

<http://picasaweb.google.com/iproaalbum/GreenICTConsortiumHighlights#>

For media enquiries and more information:

Dr. Elizabeth Quat, Email: [eq@iproa.org](mailto:eq@iproa.org), Mobile: 90317995

Mr. Gary Chao, Email: [gary@iproa.org](mailto:gary@iproa.org), Tel: 2778 0040

Internet Professional Association: [www.iproa.org](http://www.iproa.org)



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即時發佈

資訊科技/港聞版

致：編輯/採訪主任 -

### 「綠色科技聯盟」成立 - 以科技推動低碳經濟

(香港, 2009年11月26日) 互聯網專業協會、香港通訊業聯會、節能關注聯盟、香港軟件行業協會、香港玉山科技協會、香港電腦學會及香港資訊科技聯會, 七個非牟利機構今天正式宣佈成立「綠色科技聯盟」(下稱「聯盟」)。

「聯盟」獲香港特別行政區政府支持及重視。商務及經濟發展局局長劉吳惠蘭太平紳士及環境局局長邱騰華太平紳士為聯合贊助人。而商務及經濟發展局副局長蘇錦樑太平紳士亦擔當「聯盟」的榮譽顧問及出席了「聯盟」今天舉行的成立典禮。

蘇局長在成立典禮的致詞中肯定了綠色科技的重要性:「資訊通信科技的應用能夠幫助業界的地方很多, 當中我們應該開始懂得利用綠色科技帶來的好處。

『綠色科技聯盟』的成立標誌著香港邁向可持續發展的一個重要里程碑。我期望與『聯盟』緊密合作, 去達到共同目標, 使香港變得更『綠』。」

「聯盟」發起人及創會督導委員會主席兼互聯網專業協會永遠榮譽會長, 創辦人及前會長 (2000-2006) 葛珮帆博士在成立典禮中亦強調了綠色科技的影響力:「氣候變化是全球關注的嚴峻問題, 直接威脅我們以及下一代人的生存。綠色科技已確知能減低溫室氣體排放。我們期望『綠色科技聯盟』的成立能夠加強本地整體的能源效益, 打造香港成爲一個低碳排放的環保城市作出貢獻。」

「聯盟」創會顧問委員會主席兼香港通訊業聯會主席陳重義博士在成立典禮答謝詞中指出:「香港有必要增加教育活動推廣綠色科技的應用。」

「聯盟」公佈了於今年十月以問卷形式就綠色科技應用情況向本地 303 間公司進行調查的結果。數據顯示香港在綠色科技的發展和美加方面比較下仍有一段距離。「聯盟」相信舉辦更多的教育推廣活動對綠色科技普及化有很大的幫助。當本地公司對綠色科技的認識加深, 對這方面所投放的資源亦會相繼增多。有關更多本調查之詳情可參閱附件。

資訊通訊科技產品及服務能改善能源效益, 促進營商效率, 減低成本, 同時能夠減少溫室氣體的排放。綠色科技在推動環保方面將扮演一個舉足輕重的角色, 爲我們的低碳經濟帶來新契機, 並創造就業機會。



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「聯盟」建議政府採納以下措施作為實踐綠色科技的一個起點，探索綠色科技可帶來的機遇去面對未來的經濟及環境挑戰：

- 將「綠色科技」納入數碼21資訊科技策略;
- 落實政策去鼓勵綠色科技的使用;
- 政府牽頭成為綠色科技的使用者;
- 立即實踐「無紙張政府」;
- 在政府部門間展開綠色科技審查，進一步節能及減少溫室氣體排放;
- 在創新及科技基金以及環境及自然保育基金中撥出特定預算給予支持綠色科技的推廣、研究及發展;
- 支援內地及本科技業界間在綠色科技研究及發展的合作;
- 協助本地研發的綠色科技推廣至內地及其他國家;
- 為通訊資訊科技產品及服務制訂「綠色標準認證機制」;
- 撥款支援中小企進行綠色科技審查，從而減低成本及節能減排;
- 撥款、資助或借貸予中小企以提昇其綠色科技系統;
- 加強本地的綠色資訊科技教育以應付未來的需要; 及
- 鼓勵專業培訓課程的發展及給予綠色科技專才認可資格。

「聯盟」計劃舉行一連串活動去推廣綠色科技，包括推廣活動、工作坊、講座、研究及訓練等，從而協助企業及中小企更有效採用綠色科技，以減低碳排放、改善能源效益及減低營商成本。

相片下載:

<http://picasaweb.google.com/iproalbum/GreenICTConsortiumHighlights#>

如有查詢，請聯絡:

葛珮帆博士，電郵: [eq@iproa.org](mailto:eq@iproa.org)，電話: 9031 7995

趙鈺銘先生，電郵: [gary@iproa.org](mailto:gary@iproa.org)，電話: 2778 0040

互聯網專業協會: [www.iproa.org](http://www.iproa.org)