An eventful year of Remarkable Achievements

Annual Report 2011/12

Hong Kong Science & Technology Parks
# CONTENTS

<table>
<thead>
<tr>
<th>Page</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Milestones</td>
</tr>
<tr>
<td>02</td>
<td>Corporate Profile</td>
</tr>
<tr>
<td></td>
<td><strong>THE CORPORATION</strong></td>
</tr>
<tr>
<td>04</td>
<td>Chairman’s Statement</td>
</tr>
<tr>
<td>08</td>
<td>Chief Executive Officer’s Chat Room</td>
</tr>
<tr>
<td>12</td>
<td>2011/2012 Highlights</td>
</tr>
<tr>
<td>17</td>
<td>Board of Directors</td>
</tr>
<tr>
<td>24</td>
<td>Committee Members</td>
</tr>
<tr>
<td>26</td>
<td>Corporate Structure</td>
</tr>
<tr>
<td>27</td>
<td>Corporate Information</td>
</tr>
<tr>
<td></td>
<td><strong>PERFORMANCE</strong></td>
</tr>
<tr>
<td>28</td>
<td>Hong Kong Science Park</td>
</tr>
<tr>
<td>30</td>
<td>Industrial Estates</td>
</tr>
<tr>
<td>31</td>
<td>InnoCentre</td>
</tr>
<tr>
<td></td>
<td><strong>SERVICES</strong></td>
</tr>
<tr>
<td>32</td>
<td>Incubation Programmes</td>
</tr>
<tr>
<td>36</td>
<td>Laboratories/Technology Centres &amp; Technical Support Services</td>
</tr>
<tr>
<td>42</td>
<td>Industry and University Collaboration</td>
</tr>
<tr>
<td></td>
<td><strong>SOCIAL RESPONSIBILITY</strong></td>
</tr>
<tr>
<td>44</td>
<td>Sustainable Development</td>
</tr>
<tr>
<td>50</td>
<td>Future Plans</td>
</tr>
<tr>
<td>54</td>
<td>Corporate Governance Report</td>
</tr>
</tbody>
</table>
2001 Establishment of Hong Kong Science and Technology Parks Corporation

2002 Opening of Hong Kong Science Park

2003 Opening of Innovation Centre (now named IC Development Centre) and Photonics Centre

2004 Official completion of Science Park Phase 1 and opening of Bio-Informatics Centre

2005 Opening of Photonics Development Support Centre

2006 Opening of InnoCentre in Kowloon Tong

2007 Opening of Science Park Phase 2


2009 Opening of Solar Energy Technology Support Centre and Biotech Centre

2010 Naming of the Auditorium in honour of Professor Charles K. Kao

2011 HKSTPC 10th Anniversary Groundbreaking of Science Park Phase 3

2012 Launch of Incu-App Technology Business Incubation Programme

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2011 HKSTPC 10th Anniversary Groundbreaking of Science Park Phase 3

2012 Launch of Incu-App Technology Business Incubation Programme
Hong Kong Science and Technology Parks Corporation (HKSTPC) is a statutory body dedicated to fostering innovation and technology advancement in Hong Kong, through the provision of state-of-the-art facilities and high calibre end-to-end services. Since its establishment in 2001, HKSTPC has also been entrusted with strengthening Hong Kong’s position as a regional technology hub by promoting innovation, technology development and commercialisation of five technology clusters: Electronics, Information Technology and Telecommunications, Precision Engineering, Biotechnology and Green Technology.

HKSTPC manages Hong Kong Science Park, InnoCentre and three Industrial Estates, located in Tai Po, Yuen Long, and Tseung Kwan O. Hong Kong Science Park, the core property of HKSTPC, contains three phases (Phase 3 is currently under development and construction) and provides purpose-built R&D office space, advanced laboratories and technical support services to technology companies with the aim of bolstering the SAR’s stature to rival the best R&D centres in the region. InnoCentre is tailored for design talents to hone their skills, spurring development of high value-adding design and creative industries in the process. The Industrial Estates provide proven advantages as well as extensive floor area with essential infrastructure for skill-intensive industries or data centres to compete in today's knowledge-based economy.

HKSTPC further enhanced its full-service incubation programmes in 2012. In addition to the existing Incu-Tech Programme and Incu-Bio Programme for general technology and biotechnology start-ups respectively, a new Incu-App Programme was launched specifically to support mobile/web application-related new ventures. The incubation programmes enable innovative ideas to mature into practical, market-oriented products and services. The Corporation acts as a crucial bridge linking academia and industry to enable the commercialisation of applied research. Major partnerships have been established with research institutions, universities and leading technology companies from around the world for project collaboration, technology and knowledge transfer, as well as generating business opportunities across a spectrum of industries.

As of March 2012, Hong Kong Science Park has attracted over 380 technology companies, both local and international, which employ a workforce of almost 9,400.
<table>
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<tr>
<th>Name of Property</th>
<th>Location</th>
<th>Year of Commencement</th>
<th>Area</th>
<th>Occupation Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hong Kong Science Park (Phase 1)</td>
<td>Sha Tin, New Territories</td>
<td>2002</td>
<td>120,000 m² (Gross floor area)</td>
<td>98.6%</td>
</tr>
<tr>
<td>Hong Kong Science Park (Phase 2)</td>
<td>Sha Tin, New Territories</td>
<td>2007</td>
<td>105,000 m² (Gross floor area)</td>
<td>89.7%</td>
</tr>
<tr>
<td>InnoCentre</td>
<td>Kowloon Tong, Kowloon</td>
<td>2006</td>
<td>14,233 m² (Gross floor area)</td>
<td>96%</td>
</tr>
<tr>
<td>Tai Po Industrial Estate</td>
<td>Tai Po, New Territories</td>
<td>1978</td>
<td>75.44 ha (Industrial land for leasing)</td>
<td>100%</td>
</tr>
<tr>
<td>Tseung Kwan O Industrial Estate</td>
<td>Tseung Kwan O, Kowloon</td>
<td>1994</td>
<td>74.85 ha (Industrial land for leasing)</td>
<td>89%</td>
</tr>
<tr>
<td>Yuen Long Industrial Estate</td>
<td>Yuen Long, New Territories</td>
<td>1980</td>
<td>66.53 ha (Industrial land for leasing)</td>
<td>95%</td>
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</tbody>
</table>
Building links and relationships with our peers on the Mainland will also be part of our agenda. Helping to drive our progress will be green technologies, which will not only represent an important area of expertise that the Corporation aims to advance, but will also help bind us with our counterparts in the Pearl River Delta (PRD). Having been designated by The Ministry of Science and Technology (MOST) of the PRC as a National High-tech Industrialisation (Partner) Base for Green Technology in November 2011, we will leverage this new status to promote further cooperation.

Nicholas Brooke, SBS, JP, PPRICS
Chairman
Dear Stakeholders,

At this important juncture in our history, having recently celebrated our 10th anniversary, it is worth examining the achievements that have marked our journey over the past decade, as well as how we can best prepare for the road ahead.

I believe it is fair to say that the Corporation has successfully realised its mission of propelling Hong Kong towards becoming a centre for innovation and technology, by providing the necessary hard and soft infrastructure that have enabled companies to nurture ideas, innovate and grow. Few would have foreseen the transformation of a barren site in Shatin into what is presently the home to nearly 400 technology companies and 9,400 people working here, including scientists, engineers and technicians. However, we are not resting on our laurels as work has now commenced on the construction of Phase 3, with a further phase in planning. With Hong Kong Science Park having reached critical mass, we have converted many sceptics into believers, while more importantly, we have helped raise public consciousness of the importance of science and technology, an awareness also shared by the Government.

Prior to the founding of the Park, there was no dedicated location for technology companies to settle; no base to comfortably develop innovations; and no centre to realise creative dreams. Through Hong Kong Science Park, we have provided a sanctuary for the Territory’s technology SMEs and a plethora of companies specialising in one of the five cluster technologies promoted by the Corporation. What is more, our incubation programmes have helped address the needs of start-ups and entrepreneurs, and have been expanded this year to include those seeking to enter the mobile and web applications industry. Hence, we have truly provided an effective eco-system for companies great and small to transform innovations into reality.

It is worth noting that since the founding of Hong Kong Science Park, a range of associated benefits have also been seen, including total investment in R&D having doubled in the Territory since the establishment of Phase 1. It has been estimated that for every job created at the Park, five jobs are indirectly created outside of it. Furthermore, in respect of Phase 3, the development will accommodate approximately 150 additional companies, creating a further 4,000 R&D related and another 5,000 construction jobs. The development will contribute approximately HK$5.35 billion to Hong Kong’s GDP from 2014 to 2019, and HK$1.9 billion per year from 2020 onwards.

Certainly, the journey that the Corporation has embarked upon will continue, and among the objectives that it will seek to fulfil in the future is providing an enhanced service offer. While we have performed admirably in the capacity as intermediary, the Corporation must now transition into
becoming a facilitator and coordinator as well. In particular, we should enhance our ability to assist partner companies in accessing the Mainland market, and to do so calls for help to develop business ties, identify business opportunities and assess market conditions. We need to be more proactive as our partner companies and those considering locating in Hong Kong will look to us to provide such value-added services. It is an area that we are addressing, and will continue to do so, by such means as establishing links with other science parks and nurturing ties with municipal governments, as well as strengthening our human resources.

Building links and relationships with our peers on the Mainland will also be part of our agenda. Helping to drive our progress will be green technologies, which will not only represent an important area of expertise that the Corporation aims to advance, but will also help bind us with our counterparts in the Pearl River Delta (PRD). Having been designated by the Ministry of Science and Technology (MOST) of the PRC as a National High-tech Industrialisation (Partner) Base for Green Technology in November 2011, we will leverage this new status to promote further cooperation. Among the first activities after earning recognition from MOST was our partnering with the Baoding National Hi-Tech Industrial Development Zone, whereby resources and expertise on renewable energy technologies will be shared between the two parties. We have also extended our reach to Foshan, Nanhai, which will facilitate development of a Guangdong-Hong Kong Innovation Circle. With our immediate proximity to Guangdong Province, Hong Kong companies can capitalise on the manufacturing capacity of its neighbour to expedite research, development and commercialisation. By combining the strengths and competitive advantages of Hong Kong and the pan-PRD region, we will in turn be establishing a Technology Innovation Corridor of world-class stature – an objective to which the Corporation is strongly committed.

While the PRD will be our major focus, moving beyond the immediate vicinity to the rest of the country is our objective over the longer term with collaborative relationships being sought and created with most major cities across the Mainland. Already, we have people in the field, specifically in Beijing and Shanghai, who have been tasked with enhancing our infrastructure in their regions. With Hong Kong Science Park viewed as an exemplar of a nurturing ground for innovation, our expertise in developing and successfully operating such environments and being a living laboratory of technology is highly valued. Taking on an advisory position would also be consistent with our wider vision and mission of helping Mainland cities to develop their capacity to realise advancements in innovation and technology given the evolution of the Chinese economy to a more service orientated model. The ties that we forge will in turn enhance the appeal of Hong Kong Science Park to Mainland companies as they seek to develop international links and alliances.
The development of sustainable and green technologies in Phase 3 of the Park will be one means by which Hong Kong Science Park can contribute to the improvement of the quality of life in Hong Kong and deliver on its wider vision and mission. Greater collaboration between the Corporation and partner companies can be expected in the future. With the addition of green solution providers to our community of partner companies, we look forward to working with these new partners and helping them to respond to the needs of local, regional and international markets while adding the weight of the Science Park’s growing reputation to their efforts. We have already gained support from both the public and private sectors and trust that by working together, we will establish Hong Kong as a true innovator and adopter of green solutions.

Despite all of the Corporation’s achievements, its success would be incomplete if there was no appreciation in the community of science and technology. Recognising this, we have directed energies over the years towards community engagement. More recently, this has included the introduction of Science Explorer, which is an educational tour of Hong Kong Science Park; the strengthening of ties with The Hong Kong Federation of Youth Groups; the offering of venue sponsorships to NGOs; and increased cooperation with all of the local universities. Like innovation and technology, ongoing investment is necessary as only by creating an inclusive environment can we hope to inspire future generations of scientists and engineers to provide talent for a sustainable and diverse economy.

While the Corporation has achieved numerous milestones, it would be imprudent to believe that our mission is complete. Far from it, new frontiers await us, and whether these involve expanding our reach across Mainland China or weaving science and technology into the urban fabric, our efforts must continue unabated. It is, however, good to know that we now have a solid foundation on which to build – the product of ten years of passion, determination and foresight.

At this time, I wish to extend my gratitude to the Corporation’s leadership and management team for their unequivocal support during the past year. I would also like to offer appreciation and my thanks to the Board members for their commitment to the long-term development of the Corporation, which was fittingly recognised by the recent receipt of the Directors of the Year Awards 2011 made by the Hong Kong Institute of Directors.

Nicholas Brooke
Chairman
I trust that the coming ten years will be decidedly ‘green’ as well, thanks to our green technology cluster for acting as the catalyst to transform Hong Kong into a green technology base for selected technologies, such as smart buildings, waste management, LED technology and electric vehicles. Given that the Territory has an immense entrepreneurial drive, which combined with green-related opportunities will translate into significant benefits for Hong Kong.

E. Anthony Tan, MH
Chief Executive Officer
1. How would you summarise HKSTPC’s achievements over the past decade? What will be the Corporation’s objectives moving forward?

Looking back at the past decade, I think we have reached our targets in many respects. For one, Hong Kong Science Park now boasts an occupancy rate of approximately 95%, which amounts to the tenancy of 400 companies that are involved in our five technology clusters. Biotechnology, an industry that some people had questioned its viability in Hong Kong, presently represents our third largest cluster, with 55 companies in the Park specialising in this area alone. With respect to the Industrial Estates, we have substantially improved the utilisation of the facilities and sites, and welcomed ten data centres, thus putting Hong Kong squarely on the map in terms of being a key international data centre hub, which is quite an accomplishment.

For the immediate future, our target will obviously involve Phase 3 of Hong Kong Science Park, which will be coming on stream at the close of next year. Hence, it is paramount for us to attract anchor partner companies that share a common commitment to creating a green ecosystem, which constitutes a key motivation behind the new development. Another important goal will be to promote closer cooperation with our counterparts in the Pearl River Delta leading to the creation of a Technology Innovation Corridor. This corridor will pull together the enormous strengths of Hong Kong and the pan-PRD region, leading to a new era of research, development and commercialisation.

2. How many new companies have joined Hong Kong Science Park as of 2011-12? Which of the technology clusters is HKSTPC focusing on, and how is the Corporation nurturing their development?

In the past year alone, I am pleased to report that the Park has welcomed 32 new partner companies of which 19 are involved in the Green Technology and Biotechnology sectors. With Electronics and Information Technology and Telecommunications being the two largest clusters currently at the Park, and both are already well established, our focus has logically turned to Green Technology and Biotechnology.

To advance the former, which possesses immense opportunities and would significantly contribute to Hong Kong’s knowledge-based economy, the Corporation will seek to fully leverage the aforementioned Phase 3 development. In strengthening our green offer, we will in turn be able to better advance the Territory’s role as an ideal testbed and living laboratory owing to its compact urban environment yet diverse physical geography, as well as a wealth of human resources.

To specifically promote development of biotechnology, we have continued to build alliances with local universities. In the past year, we were able to establish ties with Hong Kong Baptist University and Hong Kong University of Science and Technology, as well as The University of Hong Kong where we now have direct access to valuable equipment at their research centres and laboratories. We also continued to support the Life Science Acceleration Programme (LAP), acquiring state-of-the-art equipment for assisting partner companies in the biotechnology industry.

Recognising that our soft infrastructure is equally important as our hard infrastructure, an external consultant was employed to thoroughly review our services, and we have begun enhancing the Corporation’s offerings, including bolstering networking opportunities for partner companies - one of our major priorities - so that they can better liaise with such parties as trade and business associations in Mainland China.
3. Kindly provide an update on the incubation programmes and their development. How and in what specific ways can this area of service be improved to better serve incubatees?

As we are constantly examining market developments, we realised that it was imperative for the Corporation to introduce an incubation programme for entrepreneurs and start-ups seeking to enter the mobile and web applications industry, hence the creation of the Incu-App Technology Business Incubation Programme (Incu-App). With the launch of Incu-App in January this year, HKSTPC now has incubation programmes that range in duration from 18 months to four years.

In an effort to bolster our incubation programmes even further, we also sought collaboration with Taiwan and nine major Mainland China cities (“9+2” co-incubation network). With such unique attributes as IP protection and rigorous legal framework, outstanding logistics support and ability to deliver high-quality, innovative after-sale services, and working closely with the Pearl River Delta region which offers a large manufacturing base and abundant supply of labour and resources, the Territory is the perfect place for innovation and technology businesses to grow and develop throughout the typical cycle of product design, manufacturing, distribution and servicing. Already, HKSTPC is working with other technology parks in the Pearl River Delta, including Nanhai where we have reached a collaborative agreement that allows their incubatees to access Hong Kong Science Park facilities as a means of promoting cross incubation. It is worth noting that by incubating here, non-local companies will in fact be establishing a business presence in Hong Kong, the benefits of which include local job creation, and for those seeking to align with Chinese incubatees, gain potential access to Mainland China funding, and easier market penetration.

4. How will the Corporation advance sustainable development of Hong Kong Science Park, both in terms of hard and soft infrastructure? Has HKSTPC established any sustainable development policy or initiative?

As part of our commitment to sustainable development, we will seek to achieve a low-carbon operation, and this will be personified by Phase 3, where our target is to realise a zero carbon footprint over the long term. All buildings in the development will employ efficient energy management systems, including at least 14 core green practical technologies. Through such efforts, we will reduce energy consumption of Phase 3 by at least 40% lower than the benchmark set by the Electrical and Mechanical Services Department. Our goal is by no means limited to developing efficient infrastructure, however. Raising awareness, changing behavioural patterns and eliminating apathy are all part of achieving sustainability, and the Corporation is just as committed to addressing such concerns. Indicative of this commitment, we will be introducing green leases and encouraging environmental conscious practices which will enable us to reduce energy consumption even more. HKSTPC also has a Green Technology Sustainability Task Force that promotes sustainability within the Corporation itself, as well as a sustainability charter to facilitate innovation and technological advancement in the most responsible manner.

Yet another initiative that we have whole-heartedly embraced is the conversion of the Park into an LED hub. As part of this goal, we will be installing more than 1,000 LED lights in common areas, lavatories and even street lamps, thus truly serving as a beacon of inspiration for others to follow.

Sustainable development also implies being one with the community, and HKSTPC will step up its social responsibility in collaborating with service organisations, encouraging community support, especially within the Shatin and Tai Po districts, establishing a Volunteer Team and organising quarterly visits for welfare organisations and charities so that they can enjoy our Science Explorer guided tour programme.
5. You mentioned in last year’s annual report that entering HKSTPC’s 10th anniversary meant the start of the most energetic and creative era for the Corporation, what are your goals and aspirations in the coming decade?

We will certainly look forward to making the next decade the best years yet for the Corporation. Our goal will be to assist Hong Kong reach critical mass in terms of innovation and technology development. We wish to help Hong Kong technology companies establish themselves not only locally but also globally - a leap forward that has been long overdue but most definitely can be achieved. To help realise both objectives, we are starting to look into the development of Phase 4 of Science Park, which aims to provide an even more ambitious hardware and software proposition to our partner companies.

I trust that the coming ten years will be decidedly ‘green’ as well, thanks to our green technology cluster for acting as the catalyst for transforming Hong Kong into a green technology base for selected technologies, such as smart buildings, waste management, LED technology and electric vehicles. Given that the Territory has an immense entrepreneurial drive, which combined with green-related opportunities will translate into significant benefits for Hong Kong.

With respect to the Industrial Estates, our goal will be to continue working closely with the Government on identifying and securing sites, which are much needed for both attracting corporations to establish operation centres in Hong Kong and for tying the gap between the high-tech and manufacturing industries. While seeking to meet current and expected future requirements, we will be particularly mindful of the need for accommodating data centres, clean manufacturing, environmental industries, and testing and certification facilities. Already, the Yuen Long Industrial Estate is focused more towards pharmaceutical manufacturing whereas its counterpart in Tsueng Kwan O is for accommodating data centres.

Through our efforts on various fronts, I think it is fair to say that the coming decade will most definitely be exciting times for the Corporation!
2011/2012 HIGHLIGHTS

“2011 was noteworthy for HKSTPC as we celebrated our 10th anniversary, which was analogous to advancing from childhood to adolescence as a science and technology organisation. While our achievements have been significant, attracting increasingly wide recognition both locally and overseas over the decade, more still remains to be done to further foster the development of science and technology in Hong Kong to support a diverse and sustainable knowledge-based economy. HKSTPC has successfully created an ecosystem for start-ups and industry players to conduct R&D and to create and commercialise innovative technology, as well as a platform to exchange ideas and collaborate at Hong Kong Science Park.

We are pleased to have commenced the construction of Phase 3 during the year, which will embrace green technology and target zero carbon emission – our new focus of development aimed at protecting the environment and bringing a better life to future generations. In addition, a series of events have been organised to promote green technology in the community, and our efforts will continue in the years ahead to increase public awareness and support, as we continue with our mission to provide state-of-the-art facilities and support services for technology companies in Hong Kong.”

Mr E. Anthony Tan
Chief Executive Officer of HKSTPC

HKSTPC ushered in its 10th anniversary with a grand celebration ceremony themed “Sparkling Technovation” on 24 May 2011, officiated by the guest of honour Mr John Tsang, Financial Secretary of the Hong Kong SAR. Over the past decade, HKSTPC’s world-class facilities and high-calibre support services have acted as a catalyst for advancing the five chosen technology clusters and bolstering the competitiveness of Hong Kong industry in a global economy. Coincident with the celebration event, HKSTPC officially opened Green 18, an eight-storey state-of-the-art environmentally friendly and operationally efficient building located in Phase 2 of Hong Kong Science Park. Embracing a whole host of the latest green features and technologies, the new building serves as a functional prototype for the development of Phase 3, which is currently under construction and is targeted to be a home for green technology companies when completed.
GOLDEN EGG HUNT ONLINE COMPETITION

As part of its 10th anniversary celebration to help cultivate an appreciation among the general public of how closely technology is related to people’s everyday lives, HKSTPC introduced the Golden Egg Hunt Online Competition. Participants were required to find concealed golden eggs in the tailor-made interactive online game within a limited time and correctly answer questions about science and Hong Kong Science Park. The entertaining and educational competition attracted an overwhelming response of more than 6,000 entries within just one month. The finale was held at the Park on 27 August 2011 where the three finalists demonstrated their extensive knowledge of science and technology in the face of keen competition.

PHOTO CONTEST 2011 AND LAUNCH OF SCIENCE EXPLORER

Building on the success of competitions organised in the past two years, the 2011 Photo Contest took on added significance to welcome HKSTPC’s 10th anniversary with the theme “Snap Away! Capture 10 Years of Sparkling Technovation.” Participants were invited to visit the Park to capture unique snap shots with the element of “10,” and submit their best image along with a creative congratulatory message in the form of an e-greeting card. More than 500 entries were received and more than 1,000 votes were cast online by the public to select their favourite photo. During the Award Ceremony on 22 October 2011, HKSTPC also launched Science Explorer, a guided visit to a range of facilities in the Park tailored for the public’s exploration of fascinating technological innovation through interactive multimedia presentation of the latest technologies. To show visitors how to get around the Park, HKSTPC has also developed the “Hong Kong Science Park Mobile App” to provide visitors with comprehensive information of the Park, from spots to visit to transportation details and dining delights.
The mission to enhance Hong Kong’s role as a high-tech centre starts at home. With the focus on “Energy Efficiency, Sustainable Future,” HKSTPC’s flagship event InnoAsia 2011 held between 15 to 17 November 2011, entered its seventh year attracting experts from around the world to exchange views about energy efficient technologies, the exciting opportunities they create and implementation of advanced green technologies. In the opening ceremony, it was announced that Hong Kong Science Park had been designated by The Ministry of Science and Technology (MOST) of The People’s Republic of China as a National High-tech Industrialisation (Partner) Base for Green Technology. This designation was part of a Memorandum of Understanding signed by HKSTPC and the High Technology Research Development Centre of MOST. This major initiative will foster even closer collaboration between Hong Kong enterprises with their counterparts in Mainland China which is crucial to create a diversified and competitive economy in Hong Kong as stated in China’s Twelfth Five-year Plan. Another highlight of the conference was the new Chairmen’s Forum on Day 1 which aimed at examining green issues on a macro level, as well as how strategies on sustainability and innovation in Hong Kong should develop to maximise the city’s competitiveness in the future. InnoAsia 2011 also served as the launching pad for the Hong Kong Business Angel Network (HKBAN) to aid the nurturing of start-ups and the commercialisation of technologies.

HONG KONG SCIENCE PARK PHASE 3 GROUNDBREAKING CEREMONY

With the giant green robot as the ceremony icon signifying HKSTPC’s commitment to help big green ideas take flight in Hong Kong, the groundbreaking ceremony of Hong Kong Science Park Phase 3 held on 15 December 2011 was officiated by Mr John Tsang, Financial Secretary of the Hong Kong SAR. Offering advanced and customised R&D buildings designed to create a green technology hub and propel green technologies, Phase 3 will embrace a host of practical green features aimed at achieving carbon neutrality in the long run. The design-related energy savings are expected to be at least 40% lower than the baseline simulated by the Electrical and Mechanical Services Department. All buildings are targeted to meet the strict Hong Kong Building Environmental Assessment Method (HKBEAM) Plus Platinum rating, and at least one building will target the Leadership in Energy and Environmental Design (LEED) Platinum rating.
2011

DIRECTORS OF THE YEAR AWARDS 2011

The efforts of the Board of Directors to govern and lead HKSTPC in a responsible and effective manner have been rewarded with an honour in the Directors of The Year Awards 2011 by The Hong Kong Institute of Directors. The annual award is highly regarded by the business community, and represents important recognition for the boards and directors of listed and non-listed companies in their commitment to implementing high standards of corporate governance. Their substantial efforts in practising good corporate governance while contributing to the development of a world-class technology hub earned the Board of HKSTPC this distinction.

JAN

LAUNCH OF INCU-APP TECHNOLOGY BUSINESS INCUBATION PROGRAMME

In response to the significant growth of the mobile and web applications (apps) industry in Hong Kong, HKSTPC has expanded its incubation programmes by launching the Incu-App Programme (Incu-App) in January 2012. Incu-App is an intensive 18-month programme that provides services tailored to facilitate technology development and business growth of apps start-ups during their inception period. Similar to other HKSTPC incubation programmes, Incu-App offers a financial aid package of up to HK$300,000 for each incubatee and support from leading industry players in strategic partnerships with HKSTPC, covering platform development tools, smartphone models for testing/development, data/cloud hosting and distribution channels. Incu-App incubatees can also benefit from HKSTPC's ancillary support such as business matching with angel or venture capital investors, consultation on business plans and marketing support services, thus allowing them to achieve sustained growth over the long term.
INCUBATION GRADUATION DAY

On 1 March 2012, a significant moment in Hong Kong’s technology development occurred as 33 start-ups officially graduated from the incubation programmes of HKSTPC. With 22 from the Incu-Tech Programme and 11 from the Incu-Design Programme, 16 of the new graduates had already obtained a total of 21 awards at industry competitions or recognition within industry while they were in the Programmes. To acknowledge the achievements of incubatees and partner companies, and underscore the world-class capabilities of Hong Kong innovators, HKSTPC also launched the Award Showcase in Hong Kong Science Park with the ultimate goal of inspiring future generations to make their mark in innovation and technology. Since 1992, the incubation programmes have nurtured some 300 incubatees who have successfully filed for over 500 patents, trademarks and registered designs, graphically illustrating the effectiveness of these Programmes.

RECRUITMENT DAY

HKSTPC has concluded another successful Recruitment Day on 24 March 2012. With an aim to present to the graduates and young people the immense opportunities that a technology career can offer, more than 410 job opportunities from 41 companies operating in Hong Kong Science Park and the three Industrial Estates were introduced on the day. More than 2,000 job seekers and students participated in the event which was a perfect occasion to meet employers during walk-in interviews. A diverse breadth of professional positions were available, ranging from software and design engineers, mobile device and cloud computing developers to biotech product consultants and specialists, and management trainees. A career forum was held which addressed the concerns of generation Y, together with a number of talks covering the various technology fields, career prospects and training programmes.
MR. NICHOLAS BROOKE  SBS, JP, PPRICS, FHKIS (Chairman)

Mr. Nicholas Brooke is a Chartered Surveyor. He is the Chairman of Professional Property Services Limited, a specialist real estate consultancy group providing advisory services across the Asia Pacific Region and a former President of the Royal Institution of Chartered Surveyors (RICS), the largest grouping of property professionals worldwide. He is a Trustee of the International Valuation Standards Council (IVSC) which is responsible for setting global valuation standards. He is also the Chairman of the Hong Kong Harbourfront Commission.

Mr. Brooke is a member of the General Committee of the Hong Kong General Chamber of Commerce and a member of the Steering Committee on Innovation and Technology and of the Steering Committee on the Promotion of Electric Vehicles in Hong Kong. He is also an active member of Vision 2047, a group of long term Hong Kong residents dedicated to supporting and promoting Hong Kong. He is an Honorary Professor at the University of Hong Kong and similarly at Chongqing University and he is also a Freeman of the City of London.

In addition, Mr. Brooke is the Chairman of VinaLand Limited, the first Vietnam property fund listed on the AIM Board of the London Stock Exchange and he also sits on the Board of Top Spring International Holdings Limited, one of the leading developers of urban communities in the Mainland China.

PROFESSOR JOHN CHAI YAT CHIU

Professor John Chai is the Managing Director of Fook Tin Group Holdings Ltd. and the Chairman of Business Environment Council and the Hong Kong Medical and Healthcare Industries Association.

Professor Chai received the degrees of Master of Jurisprudence and Doctor of Laws from Loyola University Chicago, Master of Science from Northwestern University, Bachelor of Dental Surgery (HKU). As a qualified medical health care professional, he has also been awarded fellowship to several professional organisations. Professor Chai is presently a Professor Emeritus of Northwestern University.

DR. ELIZA CHAN CHING HAR  LLD (Hon), BBS, JP

Dr. Eliza Chan is the Senior Consultant of Boughton Peterson Yang Anderson. Dr. Chan is a Member of the National Chinese People’s Political Consultative Conference (CPPCC), a Standing Member of the CPPCC Tianjin Committee, the Executive Vice-President of the Hong Kong CPPCC (Provincial) Members Association, and Honorary President of The Hong Kong China Chamber of Commerce.

Dr. Chan has held a number of Hong Kong Government appointments, notably as a member of the Board of Hospital Authority, member of the Board of Education, member of Hong Kong Examinations and Assessment Authority, member of Hong Kong Public Service Commission, Council Member of the Hong Kong University of Science and Technology and adjudicator of the Hong Kong Immigration Tribunal. She is currently the Chairman of Kowloon Hospital, Chairman of Hong Kong Eye Hospital, member of Hospital Governing Committee of Queen Elizabeth Hospital, Chairman of Pension Appeals Board, member of the Hong Kong Medical Council, member of Administration Appeals Board and Investigation Panel Member of the Hong Kong Institute of Certified Public Accountants. She was the Chairman of The University of Victoria Foundation (Hong Kong) Limited, and the past Chairman and President of The Canadian Chamber of Commerce in Hong Kong.
MR. HUMPHREY CHOI CHOR CHING JP
(Retired on 30 June 2012)

Mr. Humphrey Choi is a partner of PricewaterhouseCoopers and has been with PricewaterhouseCoopers for 25 years. Humphrey Choi is the Hong Kong Markets Leader and is also the Hong Kong and Southern China Assurance Leader. He is a member of PricewaterhouseCoopers’ Hong Kong and China Management Board.

Mr. Choi has many years of audit experience, and works with a wide range of international and local clients, many of which are within the technology and telecommunication industry sectors. He also has considerable experience in helping companies list on the HKSE (Main Board and GEM) and overseas stock exchanges.

Mr. Choi is currently a Member of the Administrative Appeals Board and Board Member and Treasurer of The Community Chest.

MR. TONY CHOI SIU CHOW

Mr. Tony Choi is an Executive Director of Hong Kong Garment Manufacturing Co. Ltd., Co-Chairman of Chung Nam Electronics Co. Ltd., and a director of other private companies in various industries. He is a Council Member of Lingnan University, Supervisor of Yan Chai Hospital Choi Hin To Primary School, a director of Hong Kong Chiu Chow Chamber of Commerce, and the Chairman of the USC Alumni Association (H.K.).

Mr. Choi served on various official committees, including the Standing Committee on Language Education and Research, Solicitors Disciplinary Tribunal Panel, and Steering Committee on Task Force on Language Support. He graduated from University of Southern California with a B. Sc. degree in Business Administration, and obtained his MBA degree from UCLA.

MR. DAVID M.H. FONG BBS, JP

Mr. David Fong is the Managing Director of Hip Shing Hong Group and Vice Chairman of Fong’s Family Foundation. Mr. Fong obtained a Bachelor degree in Economics from the University of Simon Fraser in Canada and a Master degree in Business Administration by the University of Hong Kong. Mr. Fong is currently a Member of the 10th Guangdong Provincial Committee of Chinese People’s Political Consultative Conference, a Member of Standing Committee of All-China Federation of Industry and Commerce, a Member of Standing Committee of China Overseas Friendship Association, an Honorary Trustee of Peking University and a Board of Trustee of Jinan University.

Mr. Fong is also the Vice Chairman of Hong Kong Chinese General Chamber of Commerce, Chairman of Hong Kong Strategy, a Member of Advisory Committee on Revitalization of Historic Buildings, a Director of Hong Kong Real Estates Developers Association, a Director of Friends of Hong Kong Association, a Council Member of City University of Hong Kong, a Member of Social Welfare Advisory Committee, a Member of Independent Police Complaints Council, a Member of The Greater Pearl River Delta Business Council and a Council Member of Hong Kong Committee for UNICEF.
BoFIRD
the Corporation

Hong Kong Science and Technology Parks Corporation  •  Annual Report 2011/12

Miss Nisa Leung is a Partner of Qiming Ventures leading its health care investments. Qiming is one of the most active funds in China and has won numerous awards including most recently The Best Venture Firm in China at Top Capital Summit in 2011, 2011 Top 10 China VC Funds by Zero2Ipo and Best Health Care Investment Firm in China in 2011.

Miss Leung currently sits on the board of Gan & Lee Pharmaceutical Co. Ltd, Crown Bioscience, Novast Pharmaceuticals, Sangon Biotech, Nurotron, Goodwill Information Technology, Aeomed Medical (observer), Promed Cancer Centers (Shanghai), Biomedic Holdings and related companies. Nisa also represented Qiming on other health care investments including Alltech Medical, CITIC Pharmaceuticals (acquired by Shanghai Pharmaceutical HKSE: 02607) and Guokang.

Miss Leung earned her MBA from Stanford Graduate School of Business and a BS from Cornell University. She is member of Cornell Life Sciences Advisory Board, director of Young Entrepreneur Development Council and director of Hotchkiss Hong Kong Foundation.

Mr. Liu Sing Cheong  JP (Retired on 30 June 2012)

Mr. Liu Sing Cheong is the Chairman of My Top Home (China) Holdings Ltd. and Evergreen Real Estate Consultants Ltd., which provide a host of integrated real estate related services in the mainland. He is a member of the Council of Hong Kong University of Science and Technology (HKUST), a member of the Development Committee under the West Kowloon Cultural District Authority. He is also an Independent Non-Executive Director of Swire Properties Limited and Prada S.p.A., as well as Vice Chairman of Hong Kong Sales (International) Limited.

Mr. Liu is an Honorary Professor at the University of Hong Kong, an Honorary Fellow of the HKUST, a University Fellow, an Adjunct Professor, a recipient of the Outstanding Alumni Award 2003 and a Member of the Court of the Hong Kong Polytechnic University. He was the founding Chairman of the Asia Pacific Board of the Royal Institution of Chartered Surveyors.

Ir Dr. Lo Wai Kwok  BBS, MH, JP (Appointed on 1 July 2012)

Ir Dr. Lo Wai Kwok is currently serving as member of Town Planning Board, Council for Sustainable Development, Advisory Council on the Environment, Building Committee and Tender Committee of the Housing Authority and Hong Kong Certification and Testing Council, and is Deputy Chairman of the Hong Kong Quality Assurance Agency. He was Sha Tin District Councillor for many years. His expertise and areas of service cover infrastructure, town planning, environment, housing, technology, industry, education and community service, etc.

Dr. Lo has over 30 years of experience in engineering, industrial management, technology innovation and market development. He has also worked as Asia-Pacific president of multinational technology group, and deputy chairman of listed electronics enterprise, and was awarded “Ten Outstanding Young Persons” and “Young Industrialist Awards of Hong Kong” in 1992. He was President of The Hong Kong Institution of Engineers in 2007/08. He is honorary fellow and visiting professor of a number of tertiary education institutes.
Mr. Mak retired from the service in 2010, and has continued to work as a part-time consultant. He currently serves as a volunteer worker in the Sichuan Reconstruction Team in the Development Bureau and helps with the delivery of the Hong Kong sponsored reconstruction projects in Sichuan.

He was appointed Honorary University Fellow of the University of Hong Kong in 2011, University Fellow of the Hong Kong Polytechnic University in 2011, and was awarded the Gold Bauhinia Star in 2010.

Mr. Joseph Y.W. Pang is currently a Senior Advisor of The Bank of East Asia, Ltd.

Mr. Pang holds an Honours Degree in Social Science and a master’s degree in Business Administration from The Chinese University of Hong Kong.

He became an associate of the Chartered Institute of Bankers in 1975 and a fellow of the Hong Kong Institute of Bankers in 1995, respectively.

He was conferred an Honorary Degree of Doctor of Social Sciences by Lingnan University in 2002 and an Honorary Fellowship by The Chinese University of Hong Kong in 2004, respectively.

Mr. Pang was appointed as a Justice of the Peace by the HKSAR Government in 2000.

Professor Wei Shyy joined the Hong Kong University of Science and Technology as Provost and Chair Professor of Mechanical Engineering in August 2010.

Professor Shyy obtained his BS degree from Tsing-Hua University, Taiwan, and his MSE and PhD degrees in Aerospace Engineering from University of Michigan. He was Research Scientist at the General Electric Research and Development Center in New York from 1983 to 1988. From 1988 to 2004, he was on the faculty of University of Florida. From 2005 to 2010, he was Clarence L. “Kelly” Johnson Collegiate Professor and Chairman of Department of Aerospace Engineering at University of Michigan.

Professor Shyy is a Fellow of American Institute of Aeronautics and Astronautics (AIAA) and American Society of Mechanical Engineers (ASME). Among his many awards are AIAA 2003 Pendray Aerospace Literature Award, ASME 2005 Heat Transfer Memorial Award, and Engineers’ Council (Sherman Oaks, California) 2009 Distinguished Educator Award etc.
MR. RICHARD SUN PO YUEN  JP (Appointed on 1 July 2012)

Mr. Richard Sun is a partner of PricewaterhouseCoopers and has been with PricewaterhouseCoopers for over 25 years. Mr. Sun has extensive experience in auditing, initial public offering exercises, mergers and acquisitions, equity transactions and business advisory services. He has a broad range of Hong Kong and PRC based (H shares and red chips) clients.

Mr. Sun is currently a member of the Listing Committee of the Hong Kong Stock Exchange and a director of the Hong Kong Applied Science and Technology Research Institute Company Limited, where he also serves as chairman of the Audit Committee. He was previously a director of the Estate Agents Authority, where he was a member of the Disciplinary Committee and the Finance and Strategic Development Committee. He is also a past Chairman and Executive Committee member of the Association of Chartered Certified Accountants, Hong Kong where he continues as a member of the Community Services Committee.

PROFESSOR PAUL TAM KWONG HANG

Professor Paul Tam is the Pro-Vice-Chancellor for Research in The University of Hong Kong (HKU). He has also been the Dean of Graduate School since 2009. Professor Tam graduated from HKU in 1976, and worked in the Department of Surgery until 1986. He was Senior Lecturer at the University of Liverpool in 1986-90, and Reader and Director of Paediatric Surgery at the University of Oxford in 1990-96. He has been Chair of Paediatric Surgery at HKU since 1996.

Professor Tam is a well-known surgeon-scientist. His research group has published extensively in genomics, stem cell, immunology and Chinese medicine, and holds several patents. He has served on various local and international associations of the medical profession, as well as the editorial boards of several international journals.

Professor Tam has received numerous awards including the British Association of Pediatric Surgery Prize, the “International Outstanding Leadership Awards in Endoscopy” from National Office for Science and Technology, PRC in 2010 and one of the Hong Kong Experts of “National Science and Technology Programmes Expert Database”.

MR. TOM TANG CHUNG YEN  JP (Retired on 30 June 2012)

Mr. Tom Tang is the Managing Director, Asia Pacific Region, of TTM Technologies Enterprises (HK) Limited (TTMEHK).

TTMEHK is one of the leading Printed Circuit Board (PCB) manufacturers that provide one stop shop service offering PCB layout design QTA to mass production and produce IC substrate for the semiconductor market. It has also formed a technology alliance with strategic partners to gain faster access to advanced technologies in Hong Kong and China by focusing on high-end PCB products. Majority of the products are exported to PRC, Singapore, Malaysia, Japan, Korea, North America and Europe.

Mr. Tang has served as the honorary founding chairman of Hong Kong Printed Circuit Association Limited since 2005. He is the chairman of The Hong Kong Exporters’ Association, the chairman of The Hong Kong Standards and Testing Centre and Hong Kong Safety Institute, a council member of Hong Kong Trade Development Council and a vice chairman of HK WuXi Trade Association Limited. Since 2008 he has been a member of Shanghai & Wuxi Committee of the Chinese People’s Political Consultative Conference.
Ms. Elizabeth Tse Man Yee  JP (Retired on 24 July 2012)

Ms. Tse joined the Administrative Service of the Hong Kong Government in August 1984. She was Deputy Secretary for the Treasury (later renamed Deputy Secretary for Financial Services and the Treasury (Treasury)) from July 1999 to April 2006, Director of Administration from April 2006 to October 2007, and Permanent Secretary, Chief Executive's Office from October 2007 to April 2010.

Ms. Tse was the Permanent Secretary for Commerce and Economic Development (Communications and Technology) from 26 April 2010 to 24 July 2012. Her policy responsibilities included telecommunications, information technology, broadcasting, film and creative industry, and innovation technology. She assumed the post of Permanent Secretary for Financial Services and the Treasury (Treasury) on 25 July 2012.

Mr. Wong Ming Yam BBS, JP (Retired on 30 June 2012)

Mr. Wong Ming Yam is currently the CEO of Rhythm Green Limited. Prior to this position, he was the CEO of Elec & Eltek Display Technology Limited and Senior Vice President of Royal Philips Electronics where he has gained over 30 years of Global Industrial Operations experience. His responsibilities include not only the Industrial Management of Philips Audio Video Entertainments but also the supply base and technology development.

Mr. Wong has served as a member of several Government Boards and Committees for more than 20 years. He was a member of Innovation and Technology Fund Vetting Committee, Director of Hong Kong Standards and Testing Centre, Council member & Deputy Chairman of Hong Kong Productivity Council and Director of the Hong Kong Industrial Estates Corporation. At present, he is Chairman of Hong Kong Electronics & Technologies Association and a member of Advisory Committee of Innovation and Technology of the Hong Kong Trade Development Council.

Mr. Billy Wong Wing Hoo (Appointed on 1 July 2012)

Mr. Billy Wong is presently the General Manager of the Construction Department of Henderson Land Development Co. Ltd.

Mr. Wong participated in many infrastructure projects in his career, including Water Supply from China – Stage II, Hillside Escalator to Mid-Level, Ting Kau Bridge, Runway and Airfield Works of Chek Lap Kok Airport, Strategic Scheme Sewage Disposal Phase I, etc.

Mr. Wong is a fellow member of the Institution of Civil Engineers, Hong Kong Institution of Engineers, Institution of Highways and Transportation and Hong Kong Institute of Highways and Transportation. He is also a Registered Professional Engineer under the Engineers Registration Ordinance Chapter 409. He was appointed as a Justice of the Peace in 2005. He served as President of Hong Kong Construction Association and Chairman of Construction Industry Training Authority, and is currently a member of Construction Industry Council, Chairman of Construction Industry Training Board, and Permanent Supervisor of Hong Kong Construction Association.
MS. WINNIE YEUNG CHEUNG WAH

As the Director of Legal and Corporate Affairs of Microsoft Hong Kong Limited, Ms. Winnie Yeung advises the company on a range of legal and public policy issues. She is also responsible for the strategy development and delivery of the Company’s citizenship initiative.

Ms. Yeung graduated from the Faculty of Law at the University of Hong Kong. She is admitted as a solicitor in Hong Kong and England and Wales. She also received an MBA from the University of Toronto.

Ms. Yeung is a member of the Unsolicited Electronic Messages (Enforcement Notices) Appeal Board and the Task Force on Digital Inclusion, Digital 21 Strategy Advisory Committee. She serves as the Vice Chair for Business Software Alliance Hong Kong & Macao Committee and Chair of the DIT Committee of Hong Kong General Chamber of Commerce. She is also the Vice President of Hong Kong Federation of Women Lawyers and Hong Kong Information Technology Federation.

PROFESSOR KENNETH YOUNG

Professor Kenneth Young is a theoretical physicist, and Professor of Physics at The Chinese University of Hong Kong. He obtained the BS in Physics from the California Institute of Technology in 1969 and the PhD in Physics and Mathematics in 1972. He joined The Chinese University of Hong Kong in 1973, and has been Chairman, Department of Physics and later Dean, Faculty of Science and Dean of the Graduate School. From 1994 to 2011, he was Pro-Vice-Chancellor. From 2011, he is Master of CW Chu College.

Professor Young is a Fellow of the American Physical Society and a Member of the International Eurasian Academy of Sciences. He was also a member of the University Grants Committee, and chairman of its Research Grants Council. He served as the Secretary and then Vice-President of the Association of Asia Pacific Physical Societies. His research interests include elementary particles, field theory, high energy phenomenology, dissipative systems and especially their eigenfunction representation and application to optics, gravitational waves and other open systems.

PROFESSOR ALBERT YU CHEUNG HOI

Professor Albert C.H. Yu is the Founder, Chairman and CEO of Hai Kang Life Corporation Limited (HKLife), specialising in the R&D and commercialisation of clinical and veterinary molecular diagnostics and food safety testing technologies. Professor Yu’s innovations have been granted 69 patents worldwide.

Professor Yu holds several positions at Peking University: he is the Vice-Director and a Professor at the Neuroscience Research Institute, a Professor of the Department of Neurobiology, Chief of the Laboratory of Translational Medicine at the Institute of Systems Biomedicine and a Professor at the Infectious Disease Center.

Professor Yu is the Vice-President of the Chinese Neuroscience Society and the President of the Beijing Society for Neuroscience. He is the Founder and President of the Hong Kong Biotechnology Organisation (HKBIO), which aims to promote and accelerate the growth of Hong Kong’s biotechnology sector. Professor Yu has published 5 books and over 200 peer-reviewed scientific articles and conference papers, and has organised and chaired over 20 international conferences.
COMMITTEE MEMBERS

(With effect from 24 August 2011 – 29 July 2012)

Business Development and Admission Committee
Mr. Nicholas Brooke, SBS, JP (Chairman)
Professor Kenneth Young (Vice-Chairman)
Professor John Chai Yat Chiu
Dr. Eliza Chan Ching Har, BBS, JP
Mr. Tony Choi Siu Chow
Mr. David Fong Man Hung, BBS, JP
Miss Nisa Leung Wing Yu
Mr. Liu Sing Cheong, JP
Mr. Tom Tang Chung Yen, JP
Mr. Wong Ming Yam, BBS, JP
Professor Albert Yu Cheung Hoi
Ms. Elizabeth Tse Man Yee, JP

Projects and Facilities Committee
Mr. Tom Tang Chung Yen, JP (Chairman)
Mr. Wong Ming Yam, BBS, JP (Vice-Chairman)
Mr. Tony Choi Siu Chow
Professor Paul Tam Kwong Hang
Professor Albert Yu Cheung Hoi
Ms. Elizabeth Tse Man Yee, JP

Finance and Administration Committee
Mr. Humphrey Choi, JP (Chairman)
Mr. Joseph Pang Yuk Wing, JP (Vice-Chairman)
Mr. Mak Chai Kwong, GBS, JP
Ms. Winnie Yeung Cheung Wah
Professor Kenneth Young
Ms. Elizabeth Tse Man Yee, JP

Audit Committee
Mr. Wong Ming Yam, BBS, JP (Chairman)
Mr. Humphrey Choi, JP (Vice-Chairman)
Mr. Joseph Pang Yuk Wing, JP
Ms. Elizabeth Tse Man Yee, JP

Senior Staff Administration Committee
Mr. Nicholas Brooke, SBS, JP (Chairman)
Mr. Humphrey Choi, JP
Mr. Tom Tang Chung Yen, JP
Mr. Wong Ming Yam, BBS, JP
Ms. Elizabeth Tse Man Yee, JP

Remarks:

Mr. Humphrey Choi, Mr. Liu Sing Cheong, Mr. Mak Chai Kwong, Mr. Tom Tang Chung Yen and Mr. Wong Ming Yam retired from the Board on 30 June 2012.

Ms. Elizabeth Tse Man Yee, former Permanent Secretary for Commerce and Economic Development (Communications and Technology) retired from the Board on 24 July 2012.
Business Development and Admission Committee
Mr. Nicholas Brooke, SBS, JP (Chairman)
Professor Kenneth Young (Vice-Chairman)
Professor John Chai Yat Chiu
Mr. Tony Choi Siu Chow
Miss Nisa Leung Wing Yu
Dr. Lo Wai Kwok, BBS, MH, JP
Professor Shyy Wei
Professor Albert Yu Cheung Hoi
Permanent Secretary for Commerce and Economic Development (Communications and Technology)

Projects and Facilities Committee
Mr. Billy Wong Wing Hoo, JP (Chairman)
Professor Paul Tam Kwong Hang (Vice-Chairman)
Mr. Tony Choi Siu Chow
Dr. Lo Wai Kwok, BBS, MH, JP
Professor Albert Yu Cheung Hoi
Permanent Secretary for Commerce and Economic Development (Communications and Technology)

Finance and Administration Committee
Mr. Richard Sun Po Yuen, JP (Chairman)
Mr. Joseph Pang Yuk Wing, JP (Vice-Chairman)
Mr. Billy Wong Wing Hoo, JP
Ms. Winnie Yeung Cheung Wah
Professor Kenneth Young
Permanent Secretary for Commerce and Economic Development (Communications and Technology)

Audit Committee
Dr. Eliza Chan Ching Har, BBS, JP (Chairman)
Mr. Richard Sun Po Yuen, JP (Vice-Chairman)
Mr. Joseph Pang Yuk Wing, JP
Permanent Secretary for Commerce and Economic Development (Communications and Technology)

Senior Staff Administration Committee
Mr. Nicholas Brooke, SBS, JP (Chairman)
Dr. Eliza Chan Ching Har, BBS, JP
Mr. Richard Sun Po Yuen, JP
Mr. Billy Wong Wing Hoo, JP
Permanent Secretary for Commerce and Economic Development (Communications and Technology)
CORPORATE STRUCTURE

BOARD OF DIRECTORS

CHIEF EXECUTIVE OFFICER

Marketing and Sales
- Focused Clusters:
  - Electronics
  - Information Technology & Telecommunications
  - Life Science/ Biotechnology
  - Precision Engineering
  - Green Technology
  - Design
- Laboratory and Technology Support Services
- Customer Services
- Venue Marketing

Business Development and Technology Support
- Projects/ Infrastructure
- Properties and Facilities Management
- Industrial Estates Business

Projects and Facilities
- Incubation Programmes
- Industry and University Collaboration

Finance and Corporate Services
- Finance
- Human Resources and Office Administration
- Corporate Secretarial Service
- Information Technology
- Procurement

Internal Audit
- Internal Audit Function

Publicity and Communication
- Corporate Communication
- Marketing Communication/ Event Management

THE CORPORATION

Hong Kong Science and Technology Parks Corporation • Annual Report 2011/12
CORPORATE INFORMATION

ADDRESS

Head Office
8/F, Bio-Informatics Centre
No. 2 Science Park West Avenue
Hong Kong Science Park
Pak Shek Kok, New Territories
Hong Kong
Telephone: (852) 2629 1818
Facsimile: (852) 2629 1833
Website: www.hkstp.org

InnoCentre Office
Unit 129, InnoCentre
No. 72 Tat Chee Avenue
Kowloon Tong
Hong Kong
Telephone: (852) 2784 2666
Facsimile: (852) 2778 4183
Website: www.innocentre.org.hk

Industrial Estate Office
Tai Po Industrial Estate
Tel/Fax: (852) 2665 6755

Tseung Kwan O Industrial Estate
Tel/Fax: (852) 2623 9619

Yuen Long Industrial Estate
Tel/Fax: (852) 2479 0224

Principal Bankers
Agricultural Bank of China, Hong Kong Branch
Australia and New Zealand Banking Group Limited
Bank of China (Hong Kong) Limited
China Construction Bank Corporation, Hong Kong Branch
DBS Bank (Hong Kong) Limited
Industrial and Commercial Bank of China (Asia) Limited
Standard Chartered Bank (Hong Kong) Limited
The Bank of East Asia, Limited
The Hong Kong and Shanghai Banking Corporation Limited
Wing Hang Bank, Limited
Wing Lung Bank Limited

Solicitors
Baker & McKenzie
Deacons
Mayer Brown JSM

Auditors
Ernst & Young
Leveraging its world-class infrastructure and all-round services, HKSTPC’s ongoing efforts to foster innovation and technology development in Hong Kong have continued to power the advance of the five chosen technology clusters over the past year. The appeal of Hong Kong Science Park as an R&D base has become increasingly clear. More than 380 companies of all sizes and stages of maturity have helped boost the occupancy rate of Phases 1 and 2 to 94.8% as at 31 March 2012. Green Technology and Biotechnology have been particular areas of focus at Science Park, with the opening of Green 18 reinforcing HKSTPC’s commitment towards moving green development forward. Among the 32 new partner enterprises entering Science Park during the year, over 50% are from green technology and biotechnology sectors. The growing proportion of these clusters reflected HKSTPC’s efforts to create a new green technology hub and cultivate the biotechnology industry, hence to foster a green and sustainable community while diversifying Hong Kong’s economic base.

Hong Kong’s increasingly important role as a centre of innovation was acknowledged by the designation of Hong Kong Science Park as a National High-tech Industrialisation (Partner) Base for Green Technology by The Ministry of Science and Technology (MOST) of The People’s Republic of China in November 2011. This major initiative serves to foster closer collaboration between HKSTPC with science and industrial parks and enterprises in Mainland China. The partnership established between HKSTPC and the Baoding National Hi-Tech Industrial Development Zone for sharing resources and expertise in renewable energy technologies was the first activity under the Memorandum of Understanding (MoU) signed with MOST late last year.
Key milestones were reached in the development of Hong Kong Science Park Phase 3. The sustainability design strategy was approved while a groundbreaking ceremony was held in December 2011 to commence construction. The development is progressing smoothly and the first phase is expected to be completed in stages from late 2013 to 2016.

Complementing infrastructure, HKSTPC continued to provide end-to-end services essential to partner companies for converging, partnering and synergising within their respective industries and across borders. During the year, HKSTPC’s outreach programmes and business matching services gained momentum, while seminars and industry forums as well as marketing and networking events were organised. These initiatives were taken with the objective of promoting innovation as well as business and commercialisation opportunities by sparking technology development and collaboration between academia and industry.

Actively educating the general public about the technologies behind the industries that will drive Hong Kong’s knowledge-based economy is one of the key objectives of HKSTPC. To motivate the young generation of scientists and engineers to explore the world of science and technology in a fun and interactive way, Science Explorer, a guided visit to five play-and-learn spots in the Park, was launched in October 2011. Additional activities that arouse the curiosity of future innovators include Golden Egg Hunt Online Game and Hong Kong Science Park Photo Contest which also instil in the public an appreciation of technology and innovation.

### KEY STATISTICS

<table>
<thead>
<tr>
<th>Items/Year</th>
<th>As at end March 2011</th>
<th>As at end March 2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall occupancy</td>
<td>89.3%</td>
<td>94.8%</td>
</tr>
<tr>
<td>Phase 1 and Phase 2 occupancy</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase 1</td>
<td>97.9%</td>
<td>98.6%</td>
</tr>
<tr>
<td>Phase 2</td>
<td>77.3%</td>
<td>89.7%</td>
</tr>
<tr>
<td>Number of partner companies</td>
<td>189</td>
<td>198</td>
</tr>
<tr>
<td></td>
<td>69</td>
<td>92</td>
</tr>
</tbody>
</table>

(1) Note: the occupancy rate represents the area currently leased over the total available area for leasing)
BUILDING TECHNOLOGY AND BROADENING HONG KONG’S INDUSTRIAL BASE

HKSTPC offers fully serviced land at its three Industrial Estates in Tai Po, Yuen Long and Tseung Kwan O at competitive leasing rates to both manufacturing and service companies whose operations involve new or improved technology or processes. These industries will be key to maintaining momentum in the market, while broadening Hong Kong’s industrial base.

The three Industrial Estates were nearly fully occupied in 2011/12. New companies admitted to the Industrial Estates included those involved in data centres, recycling or waste processing, pharmaceutical products, food processing, global telecommunication operations, television and broadcasting.

As Hong Kong’s economy is largely dependent on service industries, the importance of secure and efficient data centres providing backend information management and storage support cannot be underestimated. Contributing to the development of information technology and telecommunications infrastructure in Hong Kong, Tai Po and Tseung Kwan O Industrial Estates now accommodate 11 data centres occupying 18 hectares of land, with several major industry players set to enter the scene in the near future.

HKSTPC constantly works with companies within the Industrial Estates in a bid to ensure the most effective use of the 214.8ha of land area available.

In 2012, the commissioning of a Planning and Engineering Feasibility Study for the proposed extension of Yuen Long Industrial Estate was approved by the Board. HKSTPC will keep working closely with the Government in exploring the prospects of establishing a new industrial estate to support specialised and high-value added industries.

KEY STATISTICS

<table>
<thead>
<tr>
<th>2010 – 11</th>
<th>2011 – 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Tai Po</strong></td>
<td><strong>Tai Po</strong></td>
</tr>
<tr>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td><strong>Yuen Long</strong></td>
<td><strong>Yuen Long</strong></td>
</tr>
<tr>
<td>98%</td>
<td>89%</td>
</tr>
<tr>
<td><strong>Tseung Kwan O</strong></td>
<td><strong>Tseung Kwan O</strong></td>
</tr>
<tr>
<td>39%</td>
<td>35%</td>
</tr>
</tbody>
</table>

**Remaining vacant land (ha):**
- Tai Po: 0
- Yuen Long: 0.5
- Tseung Kwan O: 1.49

**Occupancy (%):**
- Tai Po: 100%
- Yuen Long: 98%
- Tseung Kwan O: 39%

**Number of factories:**
- Tai Po: 32
- Yuen Long: 53
- Tseung Kwan O: 34

**Remaining vacant land (ha):**
- Tai Po: 0
- Yuen Long: 2.44
- Tseung Kwan O: 8.19

**Occupancy (%):**
- Tai Po: 100%
- Yuen Long: 89%
- Tseung Kwan O: 35%

**Number of factories:**
- Tai Po: 32
- Yuen Long: 52
- Tseung Kwan O: 34
Driving Design Expertise in Hong Kong

Opening its doors in 2006, InnoCentre is a purpose-designed facility created to serve Hong Kong’s need for high-quality design-related innovation. With the aim to promote design and creativity as well as nurture entrepreneurial young designers and start-ups, InnoCentre is home to a cluster of design companies and incubatees. It serves as a one-stop shop to bridge designers and users of design services by providing exhibition halls, training and meeting facilities as well as a full range of promotional activities and support services, most notably the design incubation programme better known as Incu-Design, managed by HKSTPC.

During the year, 18 companies have set up operations in InnoCentre, bringing the occupancy to a new high of more than 70 partners. In its role as a major regional hub of design and innovation, InnoCentre is again the venue sponsor for a range of seminars, workshops, exhibitions, awards and networking gatherings, highlighted by Hong Kong Design Centre’s annual flagship events, Knowledge of Design Week and Business of Design Week.

InnoCentre has also supported numerous design-focused activities and projects by providing venue, manpower, promotions and advertising resources. These efforts have brought about greater public awareness and community interest in design and creativity as indicated by the increasing number of visitors to InnoCentre every year. Among the most noteworthy events and projects are:

- Hong Kong Polytechnic University Annual Design Show 2011
- 2nd Greater China Illustration Awards by Hong Kong Society of Illustrators
- Playful Media Showcase 2011 by City University of HK (School of Creative Media)
- 2011 HK Shenzhen Culture & Creative Forum
- Airport Authority Roving Exhibition
- Design For Asia Award 2011 Judging
- DeSein - German Graphic Design in Hong Kong
- “Dress HK up: Eco-fashion” Design Competition by HK Arts Development Council
- Disney ImagiNations HK 2012 Design Competition
- HK Business Angel Network (HKBAN) investment matching seminar
- Entrepreneurship For Design and Creative Business Certificate Program

As HKSTPC has completed the “first phase” of Incu-Design and handed over responsibility to its strategic partner, the Hong Kong Design Centre, from May 2012, InnoCentre is set to play an even greater role in grooming design expertise and talent via promoting young entrepreneurs and soliciting applications to the Incu-Design Programme.

Key Statistics

<table>
<thead>
<tr>
<th>Year</th>
<th>Occupancy</th>
<th>Number of Partner Companies</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010–11</td>
<td>94.5%</td>
<td>57</td>
</tr>
<tr>
<td>2011–12</td>
<td>96.0%</td>
<td>71</td>
</tr>
</tbody>
</table>
INCUBATION PROGRAMMES

PLAYING AN INTEGRAL ROLE IN SUPPORTING NEW BUSINESSES

To enable local technology start-ups and entrepreneurs to have the essential grounding leading to the eventual establishment of successful businesses, HKSTPC runs a series of full-service incubation programmes. Specifically, the Corporation offers an 18-month Incu-App Programme for mobile and web applications (apps) developers; a two-year Incu-Design Programme* for design start-ups – now managed by Hong Kong Design Centre; a three-year Incu-Tech Programme for new technology companies; and a four-year Incu-Bio Programme for those involved in biotechnology.

All incubatees benefit from subsidised R&D offices and a financial aid package. What is more, HKSTPC provides a comprehensive range of support services, including training and talent development through forums, seminars and workshops; management support via mentorship and consultancy services; link up with angel investors and venture capitalists by way of investment matching events; the opportunity to test trial products at Hong Kong Science Park prior to officially entering the market via the First@SciencePark initiative; and product promotion by means of assistance in marketing, participation in exhibitions and business matching. Technology support is also a crucial area that HKSTPC addresses by providing advanced laboratories and test centres that are staffed by highly experienced engineers.

By delivering exceptional soft and hard infrastructure, the incubation programmes have successfully nurtured 308 start-ups since 1992; nearly 76% have continued to thrive today.

Well aware that stable and continuous funding is paramount to the survival of start-ups, HKSTPC has continued to provide them with its Business Plan Consultancy Services. Encompassing support from a veteran venture capital investor and The Chinese University of Hong Kong’s Centre for Entrepreneurship, incubatees’ businesses are reviewed thoroughly and assistance in fundraising provided.

Since the incubation programmes have operated, there have been numerous successful graduates. Among those who have openly expressed their appreciation to HKSTPC for the all-round support received include the following:

Advanced Materials Enterprises Co., Ltd. (2010 graduate):
“The Incu-Tech Programme has provided tremendous assistance to our company in such areas as marketing, networking with other high-tech companies and potential customers, finding funding to support various activities and direction for the company’s development. In addition, the programme helps promote our company’s high-tech image.”

AppoTech Limited (2006 graduate):
“The incubation programmes have clearly lowered the entry barrier for technology start-ups. Incubatees benefit from excellent soft and hard infrastructure, ranging from shared technology facilities, testing labs and software tools to various training and networking opportunities, mentoring services and collaboration with local universities. Needless to say, the special rental arrangement and financial subsidy are also greatly appreciated.”

Intuitive Automata Inc. (2011 graduate):
“Hong Kong Science Park has provided us with the space to proceed with our design and software development work; link up with universities in Hong Kong and abroad; and introduced us to other companies as potential partners.”

*The “first phase” of Incu-Design was successfully completed and handed over to Hong Kong Design Centre who is the new steward of the programme, on 1 May 2012.
HKSTPC also provided publicity and marketing assistance to incubatees, leading them to participate in signature events and exhibitions along with involvement in prominent competitions in the global, regional and local arenas. The incubatees achieved remarkable results and earned 45 local and international awards as highlighted below:

<table>
<thead>
<tr>
<th>Incu-Tech/Incu-Bio</th>
<th>Incu-Design</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) 2011 Hong Kong Awards for Industries: Innovation and Creativity – Certificate of Merit</td>
<td>(i) 23rd Hong Kong Print Awards – Stationery and Office Material Printing</td>
</tr>
<tr>
<td>– Intuitive Automata HK Limited</td>
<td>– Cheers Communications Limited</td>
</tr>
<tr>
<td>(ii) 2011 Hong Kong Awards for Industries: Technological Achievement – Certificate of Merit</td>
<td>(ii) Certificate of Excellence, the best Illustration (Self-Initiation &amp; For Sale Award)</td>
</tr>
<tr>
<td>– Chip and System Technology Limited</td>
<td>Second Greater China Illustration Awards</td>
</tr>
<tr>
<td>(iii) 2011 Red Herring 100 Asia Award</td>
<td>– Cheers Communications Limited</td>
</tr>
<tr>
<td>– Numerical Method Incorporation Limited</td>
<td>(iii) Grand Prize of Creative Design, Environmental Protection and Friendly</td>
</tr>
<tr>
<td></td>
<td>Business Award 2011</td>
</tr>
<tr>
<td>(iv) HKEIA 2011: Consumer Electronics Product Gold Award</td>
<td>(iv) Hong Kong ICT Awards 2011 Best Lifestyle</td>
</tr>
<tr>
<td>– Cicicom Technology Limited</td>
<td>(Green, Healthy &amp; Creative Living) Award – Certificate of Merit</td>
</tr>
<tr>
<td>(v) HKEIA 2011: Outstanding Innovation and Technology Product – Grand Award</td>
<td>– Shoppingplus Limited</td>
</tr>
<tr>
<td>– Cicicom Technology Limited</td>
<td>(v) Honourable Mention, International Photography Award</td>
</tr>
<tr>
<td>(vi) HKEIA Gold and Grand Award</td>
<td>– Sykes Picture House</td>
</tr>
<tr>
<td>– Cicicom Technology Limited</td>
<td>(vi) iF Product Design Award 2012</td>
</tr>
<tr>
<td>(vii) HKICT Awards 2011: Best Collaboration (Marketing) Award – Bronze Award</td>
<td>– BeWater Studio Limited</td>
</tr>
<tr>
<td>– iMusicTech Limited</td>
<td>(vii) Merit Award, Design for Asia (DFA) Award 2011</td>
</tr>
<tr>
<td>(viii) HKICT Awards 2011: Best Innovation &amp; Research (Postgraduates &amp; Open) Award</td>
<td>(Green, Healthy &amp; Creative Living) Award – Certificate of Merit</td>
</tr>
<tr>
<td>– Certificate of Merit</td>
<td>– BITE: design</td>
</tr>
<tr>
<td>– BizCONLINE Limited</td>
<td>(viii) Merit in Best of eLearning, Asia Pacific ICT Alliance (APICTA) Awards 2011</td>
</tr>
<tr>
<td>– Propagation Systems Limited</td>
<td>– Starwish Little Prince Studio Limited</td>
</tr>
<tr>
<td>(ix) HKICT Awards 2011: Best Innovation and Research Award – Best Social Responsibility</td>
<td>(ix) Merit in Green Production, Environmental Protection and Friendly Business Award 2011</td>
</tr>
<tr>
<td>– Insight Robotics Limited</td>
<td>– ERA 09 Limited</td>
</tr>
<tr>
<td>(x) HKICT Awards 2011: Best Innovation and Research Award – Silver Award</td>
<td>(x) Merit, HKDA Global Design Awards 2011</td>
</tr>
<tr>
<td>– Insight Robotics Limited</td>
<td>– Matisse Design Limited</td>
</tr>
<tr>
<td>(xi) Hong Kong Emerging Service Brand Awards</td>
<td>(xi) Silver Award, Best Practice Award on e-Education 2011</td>
</tr>
<tr>
<td>– iMusicTech Limited</td>
<td>– Starwish Little Prince Studio Limited</td>
</tr>
<tr>
<td>(xii) Merit in Research and Development, Asia Pacific ICT Alliance (APICTA) Awards 2011</td>
<td>(xi) Silver Award, Best Practice Award on e-Education 2011</td>
</tr>
<tr>
<td>– Insight Robotics Limited</td>
<td>– Starwish Little Prince Studio Limited</td>
</tr>
<tr>
<td>(xiii) Shenzhen Technology Awards – Product Innovation</td>
<td>(xii) Silver Award, Best Practice Award on e-Education 2011</td>
</tr>
<tr>
<td>– Insight Robotics Limited</td>
<td>– Starwish Little Prince Studio Limited</td>
</tr>
<tr>
<td>(xiv) Wall Street Journal Asian Innovation Awards – Audience Choice Award</td>
<td>(xiii) Silver Award, Best Practice Award on e-Education 2011</td>
</tr>
<tr>
<td>– Ximplar Limited</td>
<td>– Starwish Little Prince Studio Limited</td>
</tr>
<tr>
<td>(xv) Wall Street Journal Asian Innovation Awards – Bronze Award</td>
<td>(xiv) Silver Award, Best Practice Award on e-Education 2011</td>
</tr>
<tr>
<td>– Ximplar Limited</td>
<td>– Starwish Little Prince Studio Limited</td>
</tr>
</tbody>
</table>

For further details, please visit the incubation programmes website: www.hkstp.org/incubation.
MAJOR DEVELOPMENTS

Incu-App Programme (Incu-App) was launched in January 2012 to allow start-ups to capitalise on the rapidly growing mobile and web applications (apps) industry. This initiative highlights HKSTPC’s ability to stay abreast of industry trends, as well as flexibility to broaden its scope of services to support entrepreneurs in developing and realising great innovative ideas. HKSTPC has successfully set up partnerships with such leading enterprises as 6waves, CITIC Telecom, Cluster Technology, Hong Kong Applied Science and Technology Research Institute (ASTRI), Hong Kong Business Angel Network (HKBAN), Hong Kong Wireless Technology Industry Association (WTIA), Microsoft, Nokia, Outblaze and Samsung to leverage their expertise and industry network to assist incubatees on a variety of concerns, including product development – offering technical support, development kits, cloud services and insight into accessing Mainland China and other markets.

In addition to the incubation programmes, HKSTPC has actively promoted angel investment, being one of the founders of HKBAN. Inaugurated in June 2011, HKBAN’s matching platform is opened to the HKSTPC community and start-ups of other strategic partners, including four local universities and Hong Kong Venture Capital and Private Equity Association as well as entrepreneur partners, including The Entrepreneur Network and The Entrepreneur Club. Over the past year, six bi-monthly investment matching gatherings were conducted, which acted as a catalyst for pursuing angel funding for 24 start-ups. Six incubatees engaged in such technologies as biotechnology, electronics and information technology and telecommunications subsequently obtained angel funding totalling HK$18.8 million. What is more, six gatherings, dubbed MINGLE – Mingling of Incubatees/Graduates Network Gathering Luncheon Event – were organised among incubatees and graduates, allowing for the exchange of information and experiences, as well as the possibility of future collaborations. It is worth noting that each MINGLE has attracted an average of 30 companies and 70 participants.

Aside from efforts in Hong Kong, HKSTPC worked with incubators in nine cities in Mainland China and Taipei involving a Co-incubation Network that promotes cross-border ties for incubatees and partner companies.
INCUBATEE AND GRADUATES STATISTICS

- Incubatee graduates since the programmes’ inception: 308
- Incubatee graduates still in business since the programmes’ inception: 233
- Angel/Venture capital investment since April 2003 (HK$): HK$774 million
- IP registration applications filed since April 2003: 543
- Technical/design and management awards obtained since April 2003: 250
- IPO/Merger & Acquisition/Joint venture/Spin-off transactions since the programmes’ inception: 16

**Year ended 31 March 2012**

<table>
<thead>
<tr>
<th></th>
<th>Incu-Tech/Incu-Bio</th>
<th>Incu-App</th>
<th>Incu-Design</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total incubatees currently in the programmes</td>
<td>87</td>
<td>5</td>
<td>40</td>
<td>132</td>
</tr>
<tr>
<td>Cumulative no. of incubatee graduates since start of programmes (April 1992)</td>
<td>253</td>
<td>0</td>
<td>55</td>
<td>308</td>
</tr>
<tr>
<td>Cumulative no. of incubatee graduates still in business</td>
<td>181</td>
<td>NA†</td>
<td>52</td>
<td>233</td>
</tr>
<tr>
<td>Angel/Venture capital investment (HK$)</td>
<td>$75 million</td>
<td>0</td>
<td>0</td>
<td>$75 million</td>
</tr>
<tr>
<td>Technical/design and management awards obtained</td>
<td>30</td>
<td>0</td>
<td>15</td>
<td>45</td>
</tr>
<tr>
<td>IP registration applications filed</td>
<td>80</td>
<td>0</td>
<td>19</td>
<td>99</td>
</tr>
</tbody>
</table>

†Incu-App Incubation Programme was launched in 2012

**DISTRIBUTION OF INCUBATEES**

*Technology incubatees*

- IT & Telecommunications: 59%
- Electronics: 10%
- Green Technology: 6%
- Biotechnology / Others: 11%
- Precision Engineering: 9%
- Visual & Media Arts: 26%
- Product: 31%
- Branding & Packaging: 11%
- Fashion: 18%
- Interior: 6%
- Jewellery: 4%
- Others: 4%
- Incu-App: 31%

*Design incubatees*
LABORATORIES/TECHNOLOGY CENTRES & TECHNICAL SUPPORT SERVICES

WORLD-CLASS SUPPORT FOR FAST GROWTH MARKETS

To achieve its mission to lead Hong Kong into a technology-driven future, HKSTPC provides state-of-the-art facilities and highly specialised equipment to facilitate research and development with an aim to support long-term sustainability of the industry. What gives Hong Kong Science Park the edge is its range of one-stop highly specialised advanced support services utilising this world-class equipment for both local and overseas companies covering the product development cycle from design start to production release. To keep up with the rapid pace of technological advancement, HKSTPC constantly upgrades its facilities and services to meet the highest international standards. For example the IC laboratories are accredited with the ISO27001 certificate.

During the year, 181 enterprises of all sizes, including an additional 47 new companies have taken advantage of the Technology Support Centre’s (TSC) leading-edge services to complete approximately 7,400 engineering tasks. On average the Centre served 105 active users monthly. In addition, 20 technical seminars have been conducted in Hong Kong or the Mainland during the year to promote TSC services and technical capabilities.

<table>
<thead>
<tr>
<th></th>
<th>2010-2011</th>
<th>2011-2012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Completed engineering tasks</td>
<td>6,500</td>
<td>7,442</td>
</tr>
<tr>
<td>Partner companies in the Park</td>
<td>29%</td>
<td>51%</td>
</tr>
<tr>
<td>Local companies not in the Park</td>
<td>53%</td>
<td>34%</td>
</tr>
<tr>
<td>Mainland &amp; Overseas companies</td>
<td>18%</td>
<td>15%</td>
</tr>
</tbody>
</table>

MAJOR CROSS-BORDER PARTNERSHIPS AND RECOGNITIONS

HKSTPC’s outreach programmes drive growth and add value both for its Hong Kong and Mainland China partners, establishing mutually beneficial, cost-effective alliances with Mainland Chinese enterprises while also earning significant recognition during the year. Most notable at a national level is the designation of Hong Kong Science Park by the Ministry of Science and Technology (MOST) of the People’s Republic of China as a National High-tech Industrialisation (Partner) Base for Green Technology, announced in November 2011 during InnoAsia. Its green technology cluster laboratories have been acknowledged by MOST as providing world-class technology support services.

The work of HKSTPC helps cement Hong Kong’s position as an innovation and technology hub for the Pearl River Delta and beyond. HKSTPC has collaboration agreements in place with its counterparts as well as a variety of organisations throughout Mainland China. Most recently, the Corporation has established a partnership with Baoding National Hi-Tech Industrial Development Zone as the first step towards creating a National High-tech Industrialisation Base for collaboration with the green tech bases in Mainland China. The Corporation has recently become a member of the Shenzhen Modern Materials Association enabling it to promote its TSC services through this network. HKSTPC has also identified Tianjin Commission of Science and Technology as a strategic fit to potentially form an alliance with HKSTPC’s IC Support Centre.
On the operations front, the Reliability Laboratory at Science Park has collaborated with the Hong Kong Productivity Council. The Wireless Communications Test Laboratory has embarked on collaboration with ritt 7 Layers to expand the coverage of its 3GPP testing. Cooperation with Morlab in the Mainland has extended the reach of its 3GPP testing fulfillment.

**EXTENDED COLLABORATION WITH LOCAL INSTITUTIONS IN EQUIPMENT SHARING**

In the areas of design and technology innovation, applied R&D and skills-intensive manufacturing, HKSTPC is focused on supporting the industries that will continue to drive growth in Hong Kong. In addition to the ongoing equipment sharing programme with The Chinese University of Hong Kong (CUHK), the Corporation has successfully expanded the equipment sharing pool with other research centres within various local universities during the year. As part of an agreement signed with the Material Research Centre of Hong Kong Polytechnic University (PolyU) in September, nine instruments valued at more than HK$22 million are available for sharing and have been used to serve customers such as Atotech.

In another agreement signed in January with the Biotech Central Research Facility (BioCRF) of Hong Kong University of Science and Technology (HKUST), access to 27 units of BioCRF equipment including biochemical analyses, cell biology, mass spectrometer and tissue analyses has been made possible. An equipment-sharing agreement with the Department of Applied Biology and Chemical Technology of PolyU was signed in April 2012, while discussions with the Lab Director at the Centre for Genomic Sciences of The University of Hong Kong (HKU) have been positive. In addition, Seperex, a partner company, has completed the LC-MS/MS validation run using university-shared lab equipment under the programme with Hong Kong Baptist University (HKBU).

**PROJECT HIGHLIGHTS**

Hong Kong Science Park’s equipment and laboratory services support its partners in creating innovation and adding value to their business by targeting high-growth industry segments. The Workgroup for Android Applications has recruited 21 members to date. HKSTPC and Hong Kong Applied Science and Technology Research Institute (ASTRI) have collaborated with Google and organised an Android Developer Lab event at Science Park in December 2011 attracting more than 280 developers. In the area of digital television, the Wireless Communications Test Laboratory supported ASTRI in the development of DVB-T and National Standard DTMB set-top box products. HKSTPC’s IC cluster has gained support from ASTRI to set up a 3DIC Lab with Phase 1 to be a jointly established 3D System-in-Package Lab.
IC TESTING PARTNERSHIPS FROM 2004 TO 2011

<table>
<thead>
<tr>
<th>Completed</th>
<th>Ongoing</th>
<th>Under Development</th>
</tr>
</thead>
<tbody>
<tr>
<td>Companies</td>
<td>Projects</td>
<td>Companies</td>
</tr>
<tr>
<td>Total</td>
<td>49</td>
<td>330</td>
</tr>
</tbody>
</table>

LABORATORY SERVICES AND SUPPORT

Green Technology Cluster

(a) Solar Energy Technology Support Centre (SETSC)

- The Photovoltaic (PV) Test Laboratory at the Solar Energy Technology Support Centre is designed to support solar panel and related testing services and to reduce product development time for solar modules.

- The Laboratory also provides a hail and impact test, reliability tests including thermal cycling, humidity freeze test and damp heating as well as performance tests for quantum efficiency and absorption wavelength. Initial testing has to be outsourced and a potential partner located in PRD has been identified.

- The photovoltaic (PV) module test capability was developed to meet the IEC 61730 international standard and most of its testing items have completed the safety tests. Major users of the laboratory include DuPont Apollo, Poly U, HKBU, CUHK, NAMI, Traxon, Po Yuen and more.

- The Laboratory has secured seven new customers and expanded its competency into three additional analytical services: the application for LED reliability testing; the application of UV-Vis-NIRs for drug bottles and transparency testing; and the application of UV-Vis-NIR, Raman in jewellery analysis.

(b) Material Analysis Laboratory (MAL)

- The Materials Analysis Laboratory provides evaluation qualification services for components, materials and chemical characterisation and analysis including semiconductors, electronics, nanometrology and solid state lighting. MAL also supports IC product analysis for new product design and identifies the root cause of failures.
During the year, MAL has extended support to the Nano and Advanced Materials Institute (NAMI), notably its CIGS project. The characterisation of the CIGS PV module is carried out using AFM, a surface profiler and FESEM/EDX. Other major users include Atotech, TUV-SUV and SGS HK. In addition to its long standing partners, MAL has served 19 new customers, mainly from the test and certification industry and consumer electronics manufacturers.

Apart from the usual testing services for the electronics and semiconductor industries, MAL is offering new analytical services for consumer products, jewellery and raw materials screening and confirmation (e.g. rare earth metals).

(c) Solid-State Lighting Laboratory (SSLL)

The Solid State Lighting Laboratory offers precision facilities and equipment to support development and testing for lighting in terms of research and development of panel displays, light-emitting devices and photonics packaging. The lab’s testing is vital for quality control and product re-engineering, which are key to companies engaging in photonics product development within the local market.

By bolstering its LED safety test services, the Laboratory has expanded its lumen measurement and maintenance business with testing houses, such as TUV-SUD Hong Kong and SGS HK in analysing LED-related consumer products. And its laser safety service can test consumer products to ensure the safety of products before launch to the market.

The Laboratory continues its partnership with GZ-OME, in which it focuses on small LED lighting and GZ-OME focuses on the lumen measurement of street lights and other large-scale illumination devices.

Information Technology and Telecommunications Cluster

(d) Wireless Communications Test Laboratory (WCTL)

The Wireless Communications Test Laboratory promotes the development of the IT & T industry by enabling customers to exploit the rapid growth of the mobile phone and device market through testing of wireless products with its advanced laboratory facilities. WCTL is the only lab in Hong Kong equipped with 3G and 3.5G testing capability for both product and pre-conformance testing.

The Laboratory has also attained CNAS 17025 accreditation, which marks an advance on its 3GPP testing technology. Its industry-leading professional engineering services have been validated by securing a new contract from Intel Mobility in March 2012 and testing projects from world-leading mobile chipset company Sierra Wireless.

WCTL has also provided RF testing support to Melexis N.V., Agietec Ind. Co., Portable Innovation Technology and Smartone Communications.
Biotechnology Cluster

(e) Biotech Support Centre (BSC)

- The Biotech Support Centre provided 24 biotech firms with affordable access to cutting-edge technology. During the year, most of the firms were engaged in fast-growth sectors of regenerative medicine (29%), molecular diagnostics (17%) and drug development (13%), with the remainder in Chinese medicine, genetic engineering and bio-chemistry.

- To better serve the biotech community, BSC has rolled out the Convenience Laboratory Product Purchase Plan (CLPPP) to reduce the time and cost of laboratory consumable purchases as well as two new state-of-the-art life science platforms: the Multiplex Bead Based System (Luminex 200) Applications unit can generate real-time analysis and accurate quantification of biological interactions, and the Multimode Microplate Reader Applications unit is used to detect biological, chemical or physical events within samples in microtiter plate format.

- At the same time, the security of the Laboratory Information Management System (LIMS) has been enhanced to safeguard its confidentiality, integrity, and availability to end users. LIMS successfully attained ISO 27001 certification, the international standard for Information Security Management Systems.

Electronics Cluster

(f) Probe and Test Development Centre (PTDC)

- The Probe and Test Development Centre provides test development services and rental of some of the world’s most sophisticated equipment to incubatees and SMEs that specialises in IC design and development. During the year, PTDC has completed the setup of a new Return Merchandise Authorisation (RMA) service for major customers, and installed additional equipment, notably a visual inspection system and a pilot production handler.

- In fiscal year 2011/12, PTDC signed up two new customers, QualChip and AMASIC, while continuing to support China-Core, a China home-grown CPU design company on testing and pilot production for new products.
(g) **IC Design Centre (ICDC) and IP Servicing Centre (IPSC)**

- The IC Design Centre offers cost-effective EDA tool licensing and Secure Virtual IP Chamber services to facilitate design hosting and development, which comply with the international standards of the Information Security Management System (ISO27001), all within the highly Secure Virtual IP Chamber (SVIPC).

- During the year, the ICDC has completed 28 designs for partner companies requiring multi-project wafer shuttle service (MPW) for foundry production, using process technology from GlobalFoundries, IBM and TSMC. ICDC has added the Toshiba process technology to the MPW offerings. Two new IC design customers have signed up for the service.

- On-demand EDA licensing services save costs for partner companies while HKSTPC collaborates with ASTRI to share the tool library with incubatees and SMEs when the tools are not in use. With strategic support from vendors, the Centre is offering software sub-licensing service for Magma Place and Route tools commonly used in IC design.

- The Intellectual Property Service Centre (IPSC) offers a wide range of IP services including licensing, hardening and integration at the prototyping stage of IC development.

(h) **Reliability Laboratory and IC Failure Analysis Laboratory**

- The Reliability Laboratory provides IC device qualification support, electronic product environmental qualification tests and stress tests. The Laboratory has achieved a record-breaking high utilisation rate in the past year. It is planning to expand the capacity of temperature and humidity testing and thermal shock testing to meet greater demand in the future. The collaboration with HKPC and Shenzhen Morlab is set to continue to enhance the support of wireless module testing for our customers.

- The IC Failure Analysis Lab features high precision wafer level analysis equipment. During the year, the Laboratory has expanded its services using a laser decapsulation machine to increase the productivity of the de-capsulation process by at least five folds. Most of the complicated de-capsulation requirements, such as second bond exposure and decap of aluminium/copper wires of IC packages, can now be resolved. Customers can readily migrate from gold wire to aluminium/copper wire bonding and save costs. As a result, more customers have benefited from the advanced facilities and equipment supported by the Laboratory including UBotic, FoxLink, UTAC Dongguan, BYD Shenzhen, iCube Shenzhen, Philips Electronics Shenzhen and Panasonic System Networks (Zhuhai).
INDUSTRY AND UNIVERSITY COLLABORATION

PAVING THE WAY FOR INNOVATION AND COMMERCIALISATION

HKSTPC has been dedicated to bolstering ties with local and overseas industries and universities in order to provide value-added services to incubatees and partner companies, as well as participation in global knowledge transfers that lead to the commercialisation of technologies. HKSTPC also spares no effort in advancing industry and university cooperation that promotes development of innovative ideas and products in addition to business growth.

To better identify areas of support in need and how to further utilise HKSTPC’s network, a holistic review of value-added support services was conducted. This included organising internal discussions and conducting a comprehensive survey on the Corporation’s support services with more than 130 existing and potential partner companies. During the year, the Corporation also assisted 87% of its partner companies with raising their capacity to innovate by providing career opportunities, technology or business collaborations, training and consultancy.

In view of the vast market potential and opportunities that Mainland China offers, HKSTPC has stepped up effort towards opening the door for Hong Kong companies seeking to tap this market. A series of strategic initiatives with key cities were made so that collaboration, business promotion and cross-border technical support can be realised. The extension of HKSTPC’s network can also enhance talent and information exchanges between Science Park and technology centres in the Mainland.

In addition, HKSTPC has continued to consolidate its immense talent pool, which includes the Corporation’s close network with professional organisations, associations and universities. This will offer greater recruitment support as well as a knowledge bank for the Hong Kong technology industry to access. Conversely, exciting career opportunities for university graduates in Hong Kong, Mainland China and even overseas will be generated, encouraging science and engineering talents to stay and contribute to the local technology industry. The efforts of HKSTPC also dovetail with its goal of advancing a knowledge-based economy in Hong Kong.

MAJOR DEVELOPMENTS

Extending access to the China market for partner companies

- HKSTPC launched a joint project with Guangzhou Research Institute of Optic-Mechanics-Electronics and three other parties in December 2011 to provide a platform for partner companies to expand their business promotion network to Guangzhou. Subsequently, three companies utilised the platform for product promotion before the year end.

- HKSTPC has been committed to searching for collaboration opportunities with Mainland partners such as the IC centres in Tianjin, Beijing, Shenzhen, Wuxi and Huada. Tianjin Commission of Science and Technology has also been identified as a potential partner for forming a joint venture with the Park’s IC Support Centre.

- To share experiences and offer resources to incubating start-ups, the Corporation was among the members of “9+2” (Beijing, Shanghai, Guangzhou, Tianjin, Xian, Wuhan, Suzhou, Chongqing, Chengdu + Hong Kong, Taiwan) involved in a co-incubation programme.

- HKSTPC aligned with Beijing 7 Layers to collaborate on services offered to the Pearl River Delta market, and completed a Shenzhen-Hong Kong collaboration project on the “Secure IP Platform” for implementation at the Peking University.

Continuously strengthening support services

- A new Partner-company Support Programme (PSP) was launched that involved such activities as First@SciencePark, exhibitions and award competitions. “First@Science Park” continued to help partner companies and incubatees showcase their products and solutions at Hong Kong Science Park, thus allowing them to build credible references before market launches. Nine trials were conducted covering e-Marketing, consumer electronics, LED lighting and wireless technologies. The aforementioned included the installation of a 4G trial network at Phases 1 and 2 as testbed for 4G chipset; LED street lamp field test at Phase 2; and trial of the world’s first officially licensed collectable die-cast model car at the Exhibition Hall. The car under development is unique in that it can be remotely controlled by the public via mobile phones.
To recognise the achievements of incubatees and partner companies, and emphasise that Hong Kong innovators are of international calibre, the Award Showcase was created. Twenty-two awards and accolades earned by 15 partner companies are showcased, representing success in prominent local, regional and international awards and competitions in 2010 and 2011, including Asian Innovation Awards, Ernst & Young Entrepreneur of the Year (EOY) China, Deloitte Technology Fast 50 China and Red Herring.

To recognise excellence in technology and intellectual property development, and to promote a broader appreciation of technology adoption and development in the industry, Hong Kong Awards for Industries: Technological Achievement was organised.

Fifteen legal and intellectual property firms joined HKSTPC’s legal and IP panel. Five of these firms offered 41 free consultations to 35 companies. Also, 12 Certified Public Accountant (CPA) firms were recruited to serve on the accounting panel, offering competitive rates to incubatees and partner companies.

HKSTPC organised and co-organised more than 60 seminars as well as training programmes, ranging from cloud computing, semiconductors, solar cells and intellectual property to managerial techniques for entrepreneurs, accounting, law and fund raising, with over 10,000 man-hours of participation. Speakers included veteran industry experts, renowned professors and high-powered senior executives of multi-national companies from Japan, India, Italy, the United Kingdom and the USA.

### Talent development and recruitment

- The annual Recruitment Day was held at Hong Kong Science Park, during which 41 companies offered over 410 positions to more than 2,000 job seekers. Six local universities, along with organisations including iHRM, Hong Kong Institute of Engineers, Hong Kong Computer Society and Internet Society Hong Kong also actively took part in the event. A number of parallel activities such as an Opening Ceremony, a Career Forum, career talks and onsite interviews were arranged to keep job seekers abreast of the latest industry developments and career prospects in different disciplines.

- In order to reach out to more technology professionals and thereby enriching HKSTPC’s talent pool, the Corporation led partner companies to participate in both local and overseas university recruitment fairs, including the UK Career Fair in Hong Kong organised by four prestigious UK universities, namely, University of Cambridge, Imperial College, London School of Economics and Political Sciences and University of Oxford as well as the Shenzhen Postgraduate Recruitment Day.

- Further to collaborations with overseas academic and government networks, which included the Global Edge Programme with the Ontario Government (Canada) and University of Dreams in the US, a total of 18 unpaid summer interns were arranged to work in 12 companies including incubatees and partner companies at the Park. These interns contributed a total of 36 man-months which is equivalent to three man-years.
FACILITATE INNOVATION AND TECHNOLOGICAL ADVANCEMENT IN THE MOST SUSTAINABLE MANNER

HKSTPC is committed to realising its sustainability vision of promoting innovation and technological advancement in a sustainable manner, with respect to the environment, society, and economy. Towards this end, the Corporation encourages awareness of all aspects of conservation while it builds a culture of sustainability and promotes green business practices within HKSTPC and its partners and a green lifestyle within the wider community. Internally, HKSTPC considers sustainability in all of its relevant decisions to ensure that its activities minimise environmental degradation and contribute to a sustainable future through the conservation of natural resources.

HKSTPC’s efforts have been acknowledged by numerous awards, demonstrating its commitment to advancing sustainability.

HKSTPC
- Directors of The Year Awards 2011 by The Hong Kong Institute of Directors
- Caring Organisation 2011/2012 by the Hong Kong Council of Social Service

Hong Kong Science Park
- Winner of Royal Institution of Chartered Surveyors (RICS) Hong Kong Property Awards 2012 for Sustainability Initiative of the Year by RICS
- Excellent Indoor Air Quality for buildings in Phase 1 and Phase 2 by Environmental Protection Department
- “Class of Excellence” IAQwiSe Label by the Hong Kong Awards for Environmental Excellence for demonstration of a high commitment to the environment protection and achieving excellent indoor air quality
- Green 18 won the Merit Award under the New Building Category (Completed Building) at the Green Building Award 2012 and obtained the HKBEAM Platinum Standard Certificate
- Hong Kong Science Park Phase 3 won the Grand Award under the New Building Category (Building Project under Design) at the Green Building Award and achieved the HKBEAM Plus rating of Platinum Standard under the provisional assessment

InnoCentre
- Silver Certificate of Quality Water Recognition Scheme issued by the Water Supplies Department
Science and technology are critical to the development of a sustainable future for Hong Kong and to enhance its competitiveness as well as build a diversified economy. The cultivation of innovation to drive the development of science and technology should start with the motivation of the next generation of engineers, scientists and entrepreneurs in technology and applied scientific research. HKSTPC is keen to encourage and nurture the young generation in Hong Kong and provide them with the environment and drive to reach their full potential while creating a brighter future for society.

Inspiring the Innovators of Tomorrow

During the 10th anniversary, HKSTPC organised a photo contest for the third consecutive year designed to unleash young people’s creativity, which attracted some 500 entries. Concurrently, the Corporation launched Science Explorer, a guided tour of the Park tailored for the public’s exploration of fascinating technological innovations through interactive multimedia presentations. As at 31 March, around 16,000 people have joined the tour. HKSTPC also launched the Golden Egg Hunt Online Competition which attracted over 6,000 entries, and helped cultivate an appreciation among the general public of how technology affects people’s everyday lives. All of these efforts provide opportunities for young minds to be exposed to the interesting world of science and technology, which is driving Hong Kong’s knowledge-based economy.

Giving Back to the Community

To contribute to the wider community, HKSTPC employees ventured out to a number of charitable activities such as New Territories Walk for Millions, Dress Causal Day, blood donation and many more. By sponsoring 22 community events that attracted more than 23,000 visitors, such as Hong Kong Student Science Project Competition, World Alzheimer’s Day Carnival: “Let Fiber Optics & 6 Arts Transmit Love to all” and Hong Kong Green Mech Contest, the Park touched the lives of more people in the community and its facilities were further utilised by people from different walks of life.
HKSTPC recognises that the talent and dedication of its professionals are its most valuable assets, thus the Corporation has significantly invested in its workforce through a number of personal development programmes that were designed to empower staff both in their professional work and personal lives.

Career Development and Training
- A series of “bite sized” specialised training programmes including marketing, management leadership skills and team building was introduced which generated positive feedback from our employees.
- Substantial requests for local and overseas technical training were approved which allowed flexibility to meet employees’ needs and objectives.
- Developing a more comprehensive training scheme for staff will be one of the key initiatives for Human Resources in the coming years.

Enhancing Internal Communication
- Mass Communication Meetings were held regularly by the Corporation to provide updates on the operation, key achievements and challenges and for employees to share their thoughts, with the aim to ultimately strengthen two-way communication between management and staff.

Work Life Balance
- A work life balance working environment is encouraged in the Corporation. A team of volunteers from different divisions formed the Sports and Recreation Committee responsible for organising a multitude of fun and healthy activities for colleagues as well as their family members.

Health and Safety
- The second Hong Kong Science Park Occupational Health and Safety Conference was held in October 2011 and attended by more than 120 representatives from partner enterprises in the Park, InnoCentre, Industrial Estates and outside organisations.
- The HKSTPC OHSAS 18001 Certificate was renewed for three years in February 2012.
- Continued strict safety inspection procedures for all partner companies’ laboratories and monitoring of food safety and hygiene within all food and beverage outlets in the Park.
- Occupational health and safety training and seminars were arranged for employees.
HKSTPC provides a healthy, natural and green environment and has successfully implemented and strengthened its environmental performance. Improving energy consumption efficiency continuously throughout HKSTPC and its managed properties and operations is the new focus of the Corporation. This is to be achieved through strategic conservation including adoption of electricity, water and fuel-saving measures, more efficient use of vehicles, recycling of materials and environmentally friendly commuting. A recently completed carbon audit in the Park and InnoCentre has helped HKSTPC to identify areas for improvement and suitable measures to redress potential environmental issues.

An Energy Management System was developed according to the ISO 50001 Energy Management Certificate (EnMS) standard which was attained by HKSTPC in September 2011, the first enterprise in Hong Kong or Macau to do so. Since then, the Bio-Informatics Centre achieved energy savings of 9.5% (340,000kWh). HKSTPC plans to extend the compliance with ISO 50001 certification to one more building in the Park during the fourth quarter of 2012.

To encourage energy conservation within the Corporation as well as partners in the Park, HKSTPC participated in WWF’s annual Earth Hour lights-out campaign and the Power Smart Energy Saving Contest of Friends of the Earth. It promoted energy-saving tips, implemented a 25.5°C indoor temperature limit in HKSTPC offices and encouraged staff to use the staircase for inter-floor traffic.

All-round Conservation Measures
- Evaluation of rainwater collection system at Central Lake for use in water-evaporation cooled chillers or irrigation.
- Installation of energy-efficient LED street lights is in progress.

Extended Waste Management
- Expanded and further developed waste management and recycling systems and wherever practical, utilised goods and services from sustainable and recycled sources.
- Participated in the recycling programmes for computers, rechargeable batteries and red packets of various organisations.
- Continued recycling of paper, plastic, glass, aluminium cans and fluorescent lamps in the Park.
- Introduced recycling of cooking oil as bio-fuel.

Encourage Green Practices
- Select and use substances, articles and processes which cause the least damage to the environment.
- Reduce demand for non-renewable energy sources through the increased use of renewable energy sources thus leading to lower greenhouse gas emissions.
- Integrate sustainable features into new building designs and facilities.
- Certified Global Reporting Initiatives (GRI) Sustainability Reporting training was held to improve future sustainability reporting.
As a statutory body created to promote innovation and technology and the diversification of Hong Kong’s economy, HKSTPC’s stakeholders include its employees, partner companies, business partners, academia, suppliers, the Government, media and other parties interested in its operations. To effectively engage such a diverse audience, the Corporation manages a range of communication channels to ensure transparency and accountability and that expectations are met at every level. HKSTPC’s efforts receive the full backing of the Board and senior management, who represent the Corporation at numerous events throughout the year.

One particularly noteworthy event was an open forum entitled “Building the New Phase of Science Park Together” held at Hong Kong Science Park in February 2012. Hard on the heels of its 10th anniversary celebration in 2011, this open forum updated all participants about its latest developments and plans for Phase 3 and for the general public to express and share their views and ideas. Representatives from two partner technology companies also shared their experience and results in scientific research. The participants include society leaders, academia, and the general public who expressed their opinions related to the development of Hong Kong Science Park, such as measures to promote the Park, advance local technological innovations and provide benefits to society, as well as to facilitate exchanges with the public.

Diverse Channels for Engaging Stakeholders

- Averaging more than 120,000 visitors each month, the HKSTPC website provides a central location from which to broadcast information in an environmentally friendly way. The e-newsletter, HKSTPConnect, was dispatched to more than 22,000 parties per month.

- A total of 35 Board/Committee/Task Force meetings were held to update and review corporate development. The Corporation’s management promptly responded to the Board’s comments on the circulation papers.

- A series of mini-programmes on television about the role and work of HKSTPC was broadcast with an audience of 1.56 million.

- Through organising, co-organising and actively supporting a series of public engagement programme such as InnoCarnival, the Photo Contest, the Golden Egg Hunt Online Competition, the Corporation made good attempts at connecting with the public, especially the young generation, and attracted over 200,000 visitors to Science Park.
Fostering Ties with Academia and Industry and Nurturing Incubatees

Building synergies across sectors is key to fostering continuous innovations and development. As such, HKSTPC is dedicated to providing a full array of value-added services to its partner companies, and enabling them to explore exchanges and collaboration opportunities with each other as well as with the academic and research communities, to grow their technical capabilities and advance their business development. Through active dialogue with its counterparts around the world, the Corporation strived to connect its partner companies to potential partners and business opportunities, thereby boosting their own competitive position while advancing Hong Kong as a centre of design and innovation. Details of these collaborations and partnerships are introduced on pages 42 to 43.

HKSTPC continued to offer full-service incubation programmes to assist start-ups during their vulnerable inception stages, encouraging and promoting innovation-directed entrepreneurial activities while developing R&D and value-added employment. These programmes benefit start-up companies under the Incu-App, Incu-Design*, Incu-Tech and Incu-Bio Programmes aimed at a wide range of industry segments with a proactive package of support to advance the incubatees' creativity and innovation. Most recently, the Incu-App Programme broadened its scope to enable local entrepreneurs to tap the fast-growing mobile and web applications (apps) industry. More details and success stories from the Incubation Programmes are presented on pages 32 to 35.

OBJECTIVES FOR 2012/13

According to the annual perception survey, HKSTPC has maintained a generally positive perception among the business segments as well as the public. Greater awareness of the incubation programmes was achieved as well. The Corporation will continue to step up efforts to inspire and nurture innovative R&D in the future, while maintaining its strong infrastructure and services support to partner companies and incubatees.

To create a more extensive, effective and consistent approach to guide sustainability, HKSTPC is to conduct a Full Sustainability Study in the coming year. It also aims to implement and obtain ISO 14001 Certification on environmental management to help lower carbon emissions, striving to ultimately realise a zero carbon footprint in the long run. Moreover, with individual divisions having obtained ISO 9001 certification on quality management system since 2010, HKSTPC plans to further enhance its overall quality management excellence by seeking ISO certification that covers the entire Corporation, which is expected to be achieved in March 2013.

HKSTPC strives to build and maintain a sustainable eco-system for innovation and technological advancement at the Park as well as in the wider community. Audits on safety and health, energy and environment management will continue to be conducted regularly to ensure the operations and systems are favourable for a better future.

*The “first phase” of Incu-Design was successfully completed and handed over to Hong Kong Design Centre who is the new steward of the programme, on 1 May 2012.
To achieve its key mission, HKSTPC has been providing leading-edge infrastructure and support services to create a home for chosen clusters where R&D and technology can thrive while driving the continued transformation of Hong Kong’s economy. Green technology is essential to ensure long-term sustainable growth both locally and globally and HKSTPC has embarked on construction of Hong Kong Science Park Phase 3 to power Hong Kong’s advance as a centre for leading green technologies in the region. The Corporation is also starting to look into the development of Phase 4 and the expansion of the Industrial Estates to accommodate the growing needs of the technology sectors and value-added industries including data centres. To help partner companies tap the Mainland China market, HKSTPC has strengthened partnerships with Chinese cities for information and technology exchange, facilitating the efforts of Hong Kong companies to establish a foothold on the Mainland and setting the foundation for deeper collaboration in the long run.

**PHASE 3 OF HONG KONG SCIENCE PARK – BLAZING A TRAIL IN GREEN TECHNOLOGIES**

As the embodiment of its commitment to sustainability, Hong Kong Science Park Phase 3 has been conceived to provide end-to-end support infrastructure focused on fostering environmental and renewable energy technologies, including energy management systems. The new phase of Science Park will not only realise HKSTPC’s vision as a role model in promoting and implementing green sustainable construction and development in Hong Kong but will also improve its capacity to innovate in this vital area. Relevant technology companies will be attracted to join this unique ecosystem, aiding its development into a green technology hub where new technologies are developed, refined and commercialised.
The facilities at Phase 3 are designed to be carbon neutral in the long run. The emphasis is on the master concept of sustainability with three key design principles – reduction, efficiency and generation. More cost-effective means of energy use and attaining energy efficiency will be adopted rather than simply generating energy through renewable sources. The level of design-related energy savings of the buildings and facilities is expected to be at least 40% lower than the benchmark set by the Electrical and Mechanical Services Department.

All buildings are targeted to meet the strict Hong Kong Building Environmental Assessment Method (HKBEAM) Plus Platinum rating, and at least one building will target the Leadership in Energy and Environmental Design (LEED) Platinum rating, a globally recognised green rating system and presently the highest level of certification available.

The development of Phase 3 has progressed smoothly with the groundbreaking ceremony held on 15 December 2011, marking the commencement of construction. The tender for the Main Works Contract of the first two sub-phases was issued in February 2012. Its construction is scheduled to commence in June 2012 and be completed by December 2013. Site work for the remaining sub-phases is planned to commence in 2013 and will be finished by 2016.

Covering a total site area of 6.24 hectares, the buildings planned for Phase 3 will provide a total gross floor area of around 105,000 square metres for R&D offices, cutting-edge laboratories and ancillary support services. Phase 3 will be completed in stages from late 2013 to 2016. Expected to accommodate an additional 150 companies, Phase 3 will contribute approximately HK$5.35 billion to Hong Kong’s GDP from 2014 to 2019 and HK$1.9 billion per year from 2020 onwards. Approximately 5,000 construction-related jobs will be generated during construction and some 4,000 R&D-related professional positions will be created when Phase 3 is fully occupied.
PHASE 4 OF HONG KONG SCIENCE PARK – REALISING HONG KONG’S FULL POTENTIAL

Phases 1 and 2 of Science Park, as a mature vibrant technology centre, have already reached an average occupancy of 95%, thus there is a need to continue to expand the Park to cater for the needs of the long-term growth of the technology industry in Hong Kong. Committed to maintaining a dynamic environment for technology-based companies to grow and develop in Hong Kong with well-conceived hardware and software support services, HKSTPC welcomes the plan for Phase 4 and will work diligently with different parties to pursue the proposal.

While Phase 3 is to be completed in stages from late 2013 to 2016, it is necessary to plan ahead with a long-term perspective to advance technology development and innovation on a larger scale. HKSTPC has been in close communications with the HKSAR Government for the development of Phase 4 of Science Park and to locate a suitable site. The Corporation is optimistic about securing further approval from the Board and the responsible authorities to enable continuous and further development of the innovative technology sectors in Hong Kong.

INDUSTRIAL ESTATES

The three Industrial Estates have gradually been repositioned from serving industrial needs to more diverse uses in recent years such as data centres, pharmaceutical processing, recycling, etc, and their occupancies have been virtually full with new applications coming in continuously. Addressing the strong demand from industries to add value, HKSTPC is planning expansion of the Industrial Estates to accommodate contemporary as well as future needs, especially for data centres, clean manufacturing, environmental industries, and testing and certification.

Apart from site expansion, the Corporation actively seeks every possibility to revitalise the Industrial Estates. For instance, HKSTPC has picked out some prime industries in the Industrial Estates to help them upgrade or restructure to better utilise their existing facilities.
COLLABORATION WITH THE MAINLAND

A firm foundation of partnership with the Mainland has already been set through participation in the National High-tech Industrialisation (Partner) Base for Green Technology, sharing of technology for a joint IC centre, co-incubation network with nine cities and Taiwan, and many other activities and programmes. HKSTPC is set to expand its collaboration with the Mainland within the technology clusters to provide a service platform for Hong Kong companies to grasp opportunities in the China market. Leveraging Hong Kong’s geographical, legal and demographic advantages, HKSTPC is committed to strengthening the technology value chain in Hong Kong and the Pearl River Delta involving the requirements of the market, suitable professional talent and sufficient capital.

HKSTPC will step up its efforts to establish stronger and deeper partnerships with cities in the Mainland and their technology or industrial parks, aiming at opening up more business and promotion opportunities for Hong Kong companies in the Mainland as well as Chinese companies to the world. It will also consolidate initiatives across Hong Kong and the Pearl River Delta to become a Technology Innovation Corridor, with Hong Kong bringing in innovation, companies and talent from around the world, while utilising the resources in the Pearl River Delta to commercialise innovations leading to advanced products and services.
CORPORATE GOVERNANCE REPORT

OUR COMMITMENT

Hong Kong Science and Technology Parks Corporation (“HKSTPC”) is committed to maintaining good corporate governance as it believes that accountability, transparency, fairness and ethics are the key principles and practices which will enable its stakeholders, including shareholders, customers, suppliers, employees and the community, to build up trust and confidence in the Corporation to meet their needs.

The Corporation, being a statutory body incorporated under the Hong Kong Science and Technology Parks Corporation Ordinance (“HKSTPC Ordinance”), shall conduct its business according to prudent commercial principles and follow the best practices. As such, the Corporation has decided to adopt the Code of Corporate Governance (the “Code”) as set out by the Stock Exchange of Hong Kong Limited in Appendix 14 to the Listing Rules to the extent that they are applicable to the Corporation.

CORPORATE GOVERNANCE STRUCTURE

* Task Forces are formed on an ad hoc basis to oversee major projects and make recommendations to the Board or relevant Committees for approval. Please refer to page 56 of this report.
THE BOARD

The Board governs and leads the Corporation in a responsible and effective manner. It establishes the strategic direction of the Corporation and monitors its performance.

Board Composition

As of 31 March 2012, the Board consists of a Non-Executive Chairman and sixteen Non-Executive Directors (NEDs). With effect from 1 July 2012, the Board has sixteen NEDs including the Chairman as five Board Members retired on 30 June 2012 and four new Board Members were appointed. The Chairman is appointed by the Chief Executive of HKSAR Government whereas the Board Members are appointed by the Financial Secretary. All Board Members are appointed without receiving any honorarium for a term of two years and can be re-appointed upon expiry of their terms of office.

The Chief Executive Officer (“CEO”) is appointed by the Board as a remunerated full-time employee of the Corporation. The roles and responsibilities of the Chairman of the Board and the Chief Executive Officer are separate enhancing independence and accountability.

Board Members come from varied but relevant backgrounds with diverse skills and experience. They come from various business fields, including industry, finance, investment, trading, property, legal and accounting as well as from the academia. One member is a public officer, who is the Permanent Secretary for Commerce and Economic Development (Communications and Technology). Biographical details of the Directors are set out in the section of “Board of Directors” of the Annual Report on pages 17 to 23.

In November 2011, the Board of Directors was awarded the “Directors of the Year Awards 2011” by the Hong Kong Institute of Directors for the directors’ professionalism and their substantial efforts in the practice of good corporate governance.

Board Code of Conduct

Board Members are given an induction program and a Director’s Manual which consists of HKSTPC Ordinance, Shareholding Agreement, Terms of Reference of Committees, Delegated Authorities, a Guide to Handle Corporate Governance Matters and the Corporation’s policies. Board Members are aware of their collective and individual responsibilities in managing and monitoring the affairs of the Corporation. They should act in good faith and in the best interests of the Corporation.

Board Members are required, on an annual basis, to declare their proprietorships, partnerships or directorships of local and overseas public or private companies, remunerated employments, offices, trades, professions or vocations and interests in shareholdings in any public or private companies. They are also required to inform the Board Secretary within fourteen days when there is any change in their previously reported declaration. A register of Board Members’ declaration of interests is kept by the Board Secretary and made available for public inspection upon request.

Board Members are required under the HKSTPC Ordinance to declare their direct or indirect interests in any contracts or proposals considered by the Board and Committees and withdraw from the consideration of the matters. Board Members, as a matter of principle, should avoid entering into any business contract with the Corporation in their personal capacity, i.e. they should not be personally involved in the bidding process or in the supply of goods or paid services. Where it is unavoidable that a Board Member will bid for contract with the Corporation in his/her personal capacity, he/she should adhere to the guidelines on managing possible conflict of interest stipulated in the Guide to Handle Corporate Governance Matters.
Board Functions

The Board formulates strategic plans and steers the projects of the Corporation. It approves the annual budget and its accompanied 10-year financial projection. It also approves the appointment of external auditor and his remuneration.

The Board was chaired by Mr. Nicholas Brooke. It met six times during the year with an average attendance rate of 85%. Attendance record of each individual Member is shown on page 59 of this report.

The Chairman frequently meets with the Permanent Secretary for Commerce and Economic Development (Communications and Technology), the Commissioner for Innovation and Technology, the Committee Chairmen and the CEO to review the Corporation’s business plans and future development.

The Corporation makes available to Board Members a list of Professional Advisers to advise the Board whenever deemed necessary and procedures are in place to enable Directors to seek independent professional advice at the Corporation’s expense on matters relating to their roles and responsibilities.

Directors’ Responsibility for the Accounts

The Directors acknowledge their responsibilities for ensuring that the preparation of the annual accounts of the Corporation is in accordance with statutory requirements and applicable accounting standards.


BOARD COMMITTEES

Under the Board, there are five standing Committees, namely Business Development and Admission Committee, Finance and Administration Committee, Projects and Facilities Committee, Audit Committee and Senior Staff Administration Committee. Terms of Reference of the Committees set out the function, membership, quorum, management’s representatives, frequency of meeting, duties, voting and reporting procedures of the Committees. These Committees are accountable to the Board for their recommendations and decisions.

Task Forces are also set up to handle specific projects. The Task Force for Phase 3 steers the Phase 3 development project including the review of the design contents, procurement methodology, development cost and timeline. It reports directly and makes recommendations to the Board for approval. In addition, the Task Force for Rental Review reviews the rental guidelines on an annual basis with reference to the market analysis report from an independent property consultant. The Task Force for Green Technology was set up in September 2011 to steer the development of green tech cluster and establishment of green tech lab facilities in Science Park. These 2 Task Forces report and make recommendations to the Business Development and Admission Committee.
Business Development and Admission Committee

The Business Development and Admission Committee (“BDAC”) reviews applications for admission as tenants and grantees into the Corporation’s buildings and premises. It recommends to the Board the overall marketing strategies and plans, and approves the implementation of major marketing programmes and activities in accordance with plans approved by the Board. The Committee also keeps under review the Corporation’s admission criteria, terms of admission, land premium and rental guidelines and recommends major changes to the Board for consideration and approval.

The BDAC was chaired by Mr. Nicholas Brooke and had eleven Members. It met six times during the year with an average attendance rate of 74%. Attendance record of each individual Member is shown on page 59 of this report.

Finance and Administration Committee

The Finance and Administration Committee (“FAC”) approves accounting policies and recommends the annual budget and its accompanied 10-year financial projection to the Board for consideration and approval. It reviews the financial performance of the Corporation on a quarterly basis as well as the cash reserve level of the Corporation. It recommends to the Board major changes in job grading, compensation and benefits policy and salary adjustment. It also advises the Board on human resources, procurement and IT policies.

The FAC was chaired by Mr. Humphrey Choi and had five Members. It met five times during the year with an average attendance rate of 89%. Attendance record of each individual Member is shown on page 59 of this report.

Projects and Facilities Committee

The Projects and Facilities Committee (“PFC”) monitors the construction and property and facilities management of Hong Kong Science Park, InnoCentre and Industrial Estates. It recommends to the Board new development (whereas the Phase 3 project is overseen by the Task Force for Phase 3), re-development and capital works projects to be undertaken by the Corporation and the modality for facilities management of the Corporation. It also approves or recommends to the Board the award of contracts for capital works, facilities management and related consultancy services.

The PFC was chaired by Mr. Tom Tang and had five Members. It met three times during the year with an average attendance rate of 89%. Attendance record of each individual Member is shown on page 59 of this report.

Audit Committee

The Audit Committee (“AC”) oversees the internal audit function and considers the appointment, re-appointment and removal of the external auditor, the scope of service and the audit fee. It reviews findings set out in both the internal audit reports and external auditor’s Management letters and Management’s responses to them, and monitors the implementation of agreed actions. It also reviews the annual audited accounts, significant accounting policies, corporate governance practices, financial controls, internal controls and risk management systems with a view to complying with recognized standards and to achieving continuous improvement.

The AC was chaired by Mr. Wong Ming Yam and had three Members. There is a vacancy which has not been filled after a Member retired from the Board. The Board has ratified the number of four AC Members (including Chairman) until the next term 2012/13. The AC met three times during the year with an average attendance rate of 92%. Attendance record of each individual Member is shown on page 59 of this report.
During the year under review, the AC performed the following duties:

- reviewed and recommended the annual audited accounts to the Board;
- reviewed the internal control reports and annual internal control framework of the Corporation;
- approved the annual internal audit plan; and
- reviewed the adequacy of resources and effectiveness of the internal audit function.

Senior Staff Administration Committee

The Senior Staff Administration Committee ("SSAC") comprises the Board Chairman, Committee Chairmen and the Government Member of the Board. The Committee is responsible for setting performance targets, assessing performance and recommending remuneration policies and contract renewal of all senior executives (first three tiers – CEO, VP and GM) of the Corporation. It also determines variable remuneration rewards for senior executives and recommends variable remuneration rewards of the CEO to the Board.

The SSAC was chaired by Mr. Nicholas Brooke and had four Members. It met four times during the year with an average attendance rate of 100%. Attendance record of each individual Member is shown on page 59 of this report.

During the year under review, the SSAC performed the following duties:

- reviewed and scored the performance of the Corporation against the targets set in the Corporate Performance and Measures Scorecard for the financial year 2010/11;
- determined the variable pay for senior executives for the financial year 2010/11;
- reviewed and recommended appointments of senior staff and its related compensation package; and.
- reviewed executive remuneration policy

MEETING PROCEDURES

The Board, Committees and Task Forces convene meetings on a regular basis. Special meetings will be held as and when necessary.

Management circulates papers seven days prior to the Board, Committee and Task Force meetings to provide adequate information for Board Members in a timely manner to facilitate their deliberation of the issues and decision-making. Management also circulates Board/Committee papers in lieu of meetings to seek Members’ approval of their proposals. Board/Committee papers are not circulated to those Board Members who have conflict of interests in relation to issues to be considered by the Board/Committees.

The Board/Committee Secretaries record the major points of discussions, recommendations, decisions and action items arising from the meetings and submit Committee Reports to the Board for information. The outstanding matters are followed up by the relevant divisions and progress updates are reported at the subsequent Board/Committee meetings.
### MEETING ATTENDANCE

A summary of meeting attendance of Board Members for the period from 1 April 2011 to 31 March 2012 is as follows:

<table>
<thead>
<tr>
<th>Board Members</th>
<th>Meeting</th>
<th>Board of Directors</th>
<th>BDAC</th>
<th>FAC</th>
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<td>Mr. Nicholas BROOKE</td>
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<td>Permanent Secretary for Commerce and Economic Development (Communications and Technology) or his/her alternate</td>
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<td>Professor John CHAI Yat Chiu</td>
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<td>Dr. Eliza CHAN Ching Har</td>
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<td>Mrs. Alice CHIN Hang Yin (Retired from the Board on 30 June 2011)</td>
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<td>Mr. Humphrey CHOI</td>
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<td>Mr. Tony CHOI Siu Chow</td>
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<td>Mr. David FONG Man Hung</td>
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<td>Professor Nancy IP Yuk Yu (Retired from the Board on 30 June 2011)</td>
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<td>Miss Nisa LEUNG Wing Yu (Appointed on 1 July 2011)</td>
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<tr>
<td>Mr. LIU Sing Cheong</td>
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<td>Mr. MAK Chai Kwong</td>
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<td>Mr. Joseph PANG Yuk Wing</td>
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<tr>
<td>Professor Paul TAM Kwong Hang (Appointed on 1 July 2011)</td>
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<tr>
<td>Mr. Tom TANG Chung Yen (Joined BDAC on 24 August 2011)</td>
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<td>Mr. WONG Ming Yam</td>
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<tr>
<td>Ms. Winnie YEUNG Cheung Wah (Appointed on 1 July 2011)</td>
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<td>Professor Kenneth YOUNG</td>
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<tr>
<td>Professor Albert YU Cheung Hoi (Appointed on 1 July 2011)</td>
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**BDAC** – Business Development and Admission Committee  
**FAC** – Finance and Administration Committee  
**PFC** – Projects and Facilities Committee  
**AC** – Audit Committee  
**SSAC** – Senior Staff Administration Committee
MANAGEMENT AND STAFF

Management and staff, led by the CEO, are responsible for managing the Corporation’s day-to-day operations and implementing the strategies and directions as determined by the Board of Directors. They must comply with the Corporation’s Employee Code of Conduct and apply prudent commercial principles as required under the HKSTPC Ordinance.

ETHICAL BEHAVIOUR AND CULTURE

Guidance on the ethical behaviour of the Corporation has been well defined in the Corporation’s Employee Code of Conduct which will be reviewed on a regular basis. The Employee Code of Conduct covers the prevention of bribery, conflict of interest, acceptance of gifts and advantages, handling of confidential information and preservation of secrecy, intellectual property, outside-business or employment, financial, operational and administrative transactions and intellectual property. ICAC is invited to give briefing on prevention of bribery and conflict of interest to the employees of the Corporation on a regular basis. Staff Members are also reminded of the compliance with the Code of Conduct from time to time.

INTERNAL CONTROL AND RISK MANAGEMENT

The Corporation aims to maintain a high standard of corporate governance and enhance its transparency and accountability to the public. The system of internal controls has been designed to provide reasonable assurance to the Board regarding the effectiveness and efficiency of operations; the reliability of financial reporting; and compliance with relevant laws and regulations.

Management has put in place a Governance Improvement Programme, whereby employees and external parties may, in confidence, raise concerns about possible improprieties in matters of financial reporting or other matters. The objective of this arrangement is to ensure independent review of such matters. Information on this programme can be found on the Corporation’s website.

Internal Audit

The Internal Audit function was established in November 2004 as part of the Board’s and Management’s ongoing commitment to improve the Corporation’s corporate governance. The Internal Audit function reports directly to the Audit Committee. Internal Audit plays an important role in monitoring the Corporation’s internal governance and strives to provide objective assurance to the Board that a sound risk management and internal control system are maintained and operated by Management. Using risk-based methodology, Internal Audit plans its work schedule in consultation with, but independent of management and the audit plan is submitted to the Audit Committee for approval. Independent reviews of financial, business and functional operations and activities have been conducted with audit resources focusing on the higher risk areas. Ad hoc reviews have also been conducted on areas of concern identified by the Audit Committee and Management. Audit findings and recommendations arising from different assignments have been reported to the respective heads of divisions for action, and Internal Audit has followed up with the implementation of the agreed actions. Significant issues have been brought to the attention of the Audit Committee and the Board.
Annual Review of Internal Control System

Management with the assistance of Internal Audit function performed an annual review of the Corporation’s internal control system in accordance with the COSO (the Committee of Sponsoring Organisations of the Treadway Commission) framework as recommended by the Hong Kong Institute of Certified Public Accountants. The COSO framework comprises five main components: control environment, risk assessment, control activities, information and communication, and monitoring. The review was designed to assess the risks associated with the key processes and the effectiveness of the controls in mitigating those identified risks. Independent verification of the effectiveness of controls was performed by the Internal Audit function.

External Audit

Ernst & Young was appointed as the Corporation’s external auditor to conduct an audit of its financial statements. The external auditor plays an important role in reviewing the truth and fairness of the financial statements as well as enhancing the system of internal controls of the Corporation. The external auditor meets with the Audit Committee at least twice a year to discuss the scope of the audit (prior to commencement of work) and to report findings. In order to be effective, the external auditor has to maintain total independence. The Audit Committee has reviewed each year a letter from the auditors confirming their independence and objectivity and to discuss with the auditors the scope and appropriate fees for any non-audit services requested by the Corporation. The Audit Committee and Management are responsible for ensuring that the external auditor is not engaged by the Corporation on any other assignments that may compromise the external auditor’s independence.

For the year ended 31 March 2012, the auditor’s remuneration in respect of audit services provided to the Corporation was HK$395,000 whilst that for the audit related services was HK$25,000. The auditor has not performed any non-audit related service during the period.

Accountability

The Board and Finance and Administration Committee review the quarterly financial and operational performance of the Corporation as well as its half-yearly performance in terms of mission, financial and operational targets and organization development goals set in the Corporate Performance and Measures Scorecard. A full-year performance report will be submitted to various Committees and the Board for review.

Delegation of Authority

The authorities of the Board, and those it delegated to the Committees and Management are clearly defined and documented in the Schedule of Delegated Authorities. In May 2012, the Schedule of Delegated Authorities was updated to align with the current procedures and tighten internal control to meet the operation needs.
COMPLIANCE

The Corporation is a statutory organisation established pursuant to the HKSTPC Ordinance. Section 7 of the HKSTPC Ordinance provides that the Corporation shall conduct its business according to prudent commercial principles. Taking into account this statutory mandate, the Corporation follows the compliance standards of major commercial organisations in Hong Kong, to the extent that they are applicable to the Corporation.

The Corporation has adopted the principles set out in the Code issued by the Stock Exchange of Hong Kong Limited in Appendix 14 to the Listing Rules, except those which are set out below.

<table>
<thead>
<tr>
<th>Code provision</th>
<th>Reason for deviation</th>
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<tr>
<td>A.4.1, 4.2</td>
<td>Directors appointed to fill a casual vacancy should be elected by shareholders at the next annual general meeting. Directors should be subject to retirement by rotation at least once every three years.</td>
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<td>This provision is not applicable to the Corporation since the Chairman is appointed by the Chief Executive of HKSAR Government and other directors are appointed by the Financial Secretary. A director’s term of office is stipulated in Schedule 2 to the HKSTPC Ordinance.</td>
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<td>A.5.4</td>
<td>Directors must comply with obligations under the Model Code for Securities Transactions and the Board should establish guidelines for employees dealing in the securities of the company.</td>
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<td>This provision is not applicable because all of the Corporation’s shares are held by the Financial Secretary Incorporated and are not publicly traded.</td>
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<td>B.1.3</td>
<td>The Remuneration Committee should make recommendation to the Board on policy and package for all remuneration of directors and senior management.</td>
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<td>The Board of Directors do not receive any remuneration. The remuneration package of the Corporation’s senior management is recommended by the Senior Staff Administration Committee to the Board.</td>
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<td>E.1.1, E.1.2, E2</td>
<td>These code provisions deal with the proceedings for annual general meetings</td>
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<td>These provisions are not applicable as the Corporation has only one shareholder and is not required to hold annual general meeting.</td>
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TRANSPARENCY

The Corporation reports annually to the Secretary for Commerce and Economic Development the remuneration arrangements for the top three tiers of senior management including the CEO, Vice Presidents and General Manager.

For transparency purpose, the annual emoluments of the Corporation’s five highest paid employees are disclosed under note 9 to the financial statements (Five Highest Paid Employees) on page 23 of the Report of the Directors and Financial Statements.

The attendance of Directors at Board and Committees Meetings is reported in the section “Meeting Attendance” on page 59 of this report.

COMMUNICATION

With a view to maintaining open and transparent communication with our stakeholders, the Corporation continues to reach out and connect with the community by taking advantage of the multiple channels and tools to ensure easy and direct communication. These include the corporate website, mobile app, monthly e-newsletter, numerous press briefings and interviews, and participation in a wide range of local and overseas exhibitions and conferences. Annual reports and information on our programmes and offerings are available on our website for public access. One of the key new initiatives the Corporation has taken this year is the annual open forum which is a chance for interested stakeholders to meet with the Corporation’s senior management and receive latest updates and plans of HKSTPC. The Corporation values this unique opportunity to connect with the public and gather their views.
Aiming to raise brand awareness and enhance public understanding of the Corporation’s work, a series of 5x1-min mini-programmes on TVB was launched in early February with subsequent viewing on tvb.com. An average rating of 24 point equivalent to an approximate audience of 1.56 million was achieved.

To engage the public, the Corporation also ran and supported a series of public engagement programmes, including the Golden Egg Hunt online mini-game, the Photo Contest 2011, and InnoCarnival 2011, which had successfully attracted over 200,000 visitors to come to Science Park.

Visit and utilisation of the Park’s facilities by the public community is always encouraged. That is why the Corporation has launched an interactive guided tour programme, Science Explorer, in October 2011, hoping to provide a fun and educational experience to attract the public to visit the Park and learn about the latest technology and innovation development in the region.

Regular internal communication meetings are held in which the senior management updates staff members on corporate and divisional performance, new projects and facilities, corporate policies and answer their questions.

CORPORATE CITIZENSHIP

Following the accolades received over the past three years, HKSTPC is ecstatic to be honoured with the ‘The Caring Organisation’ award under the Hong Kong Council of Social Service ‘Caring Company Scheme’ for 2011/2012. This is the fourth consecutive year that the Corporation has been commended for its commitment and efforts as a responsible corporate citizen for the betterment of society. Once again, the recognition of HKSTPC was based on its dedication and achievement in the areas of ‘giving’, ‘mentoring’, ‘caring for employees’ and ‘caring for the environment’.

Not resting on its laurels, the Corporation will be ploughing forward and challenging itself to build an accountable, responsible and sustainable organisation. In particular, efforts will be stepped up in the areas of corporate sustainability and social responsibility. To pioneer green initiatives in the society, the Corporation has already drawn up concrete plans and taken initial steps to enhance its performance and commitment in corporate sustainable development, including setting up various working groups and committees to lead the different target areas of sustainability.

The Corporation believes in good corporate citizenship and contributes to society through offering venue sponsorship to different community events which promote innovation and technology development.

In 2011/12, the Corporation provided venue sponsorship to 22 initiatives of non-government organisations (NGOs). Those initiatives had themes related to technology, innovation, environmental sustainability, or charity which engaged over 23,000 participants onsite from general public, academia, and business associations.

Apart from promoting a balanced life amongst staff through various activities organised and sponsored by the Sports and Recreation Committee, the Corporation also encourages staff to participate in various community services and charity events. Every summer, the Corporation offers the Summer Internship Programme for local and overseas university students to work in various divisions to gain hands-on working experience.

The Occupational Health and Safety Assessment Series (OHSAS 18001:2007) certification for offices and laboratories was renewed for another three years from February 2012. The Corporation was also awarded the first ISO 50001 Energy Management System (EnMS) certificate in Hong Kong in September 2011 and the ISO 9001 Quality certification in March 2012. The Corporation plans to obtain the ISO 14001 Environmental Management System (EMS) certificate by end of March 2013.

As a responsible corporate citizen, the Corporation spares no efforts in contributing to a greener environment as well. Among the many sustainability initiatives the Corporation has taken, the planning and development of Green 18 and Science Park Phase 3 are two good examples. A series of environmentally friendly features is employed in Green 18 with a view to establishing an exemplar for green buildings, demonstrating the concept of long term sustainability. On the other hand, a Sustainability Master Plan and a Study Report as the Roadmap for development of Phase 3 were laid down at the beginning of the project.
An eventful year of REMARKABLE ACHIEVEMENTS