

Hong Kong, May 8, 2018

## Siemens Innovation Day brings smart future to Hong Kong

- **Over 250 participants attended Hong Kong first-ever Siemens Innovation Day to discuss how to build an open innovation ecosystem for smart city**
- **MindSphere Academy Hong Kong was launched to help business scale up with digital solutions**
- **Deep dive on innovations including MindSphere, blockchain, digital twin, artificial intelligence and data analytics**

Siemens Limited (Siemens) hosted Hong Kong's first-ever Siemens Innovation Day today at Hong Kong Science Park. Entitled "Building open innovation ecosystem for smart city", the event attracted over 250 attendees, from business leaders, industry partners, policy makers, academia and startups, to explore strategies, innovative technologies and collaborative initiatives for transforming Hong Kong into a world-class smart city and unlocking the potential of innovation. Sixteen prominent experts from Hong Kong, China, Germany, Vienna and London shared their insights on topics revolving around smart city including digital twin, internet of things, blockchain, data analytics and artificial intelligence. Panels during the event delved into how to co-create smart city Hong Kong from the perspective of smart energy, smart mobility and smart property as well as what cities of the future require from technologies and innovations.

### **Fostering smart city development in Hong Kong**

In his opening remark, Mr. Eric Chong, President & CEO, Siemens Hong Kong & Macao reiterated Siemens' devotion to foster innovation development with the recently established Smart City Digital Hub at Hong Kong Science Park. According to Mr. Chong, Hong Kong can realize tremendous opportunities in digitalization which MindSphere, its IoT operating system can help address. The Smart City Digital Hub has been collaborating actively with industry partners and infrastructure providers since its inception in the areas of smart building, smart energy and smart mobility. To accelerate this collaboration, Mr. Chong announced the launch of MindSphere

Academy Hong Kong to help business embrace digitalization and secure value for their organisation. “I believe today’s conference will connect our stakeholders to further develop Hong Kong as a smart city extending its impact to the Greater Bay Area and beyond” concluded Mr. Chong.

### **Siemens technologies to unlock the potential of innovation**

Dr. Norbert Gaus, Executive Vice President at Siemens and Head of R&D in Digitalization and Automation illustrated the strong impact of digitalization. Siemens is investing €5.6 billion in fiscal 2018 in R&D – 40% more compared to 2014 - to further strengthen the leadership in digital technologies like AI, IoT, the Digital Twin and Cyber Security. In addition, the revenue with digital technologies grew 20% to more than €5 billion in fiscal 2017. In view of Hong Kong’s environment, he also highlighted Siemens research fields like simulation, digital twin, data analytics and artificial intelligence. “Siemens is gaining further momentum in digitalization”, said Dr. Gaus. “We are the first company worldwide to set up 20 centers for digital customer applications in the industrial sector, including the Smart City Digital Hub in Hong Kong.”

### **MindSphere Academy Hong Kong launched to help business scale up with digital solutions**

MindSphere Academy Hong Kong was officially launched today to support existing and potential business partners on the path to digital transformation utilizing MindSphere, the Siemens open, cloud-based IoT operating system. Unlike other training programs, the Academy features small-group collaborative learning as well as individual coaching. There are two types of training provided to the ecosystem. The first one is management training on digitalization and how would a CXO and senior managers embrace this paradigm shift. The second is technical training to explain unique functionalities of MindSphere, how MindSphere is designed for interoperability, connectivity and security and how to adopt global smart city solutions in Hong Kong. The first management training is scheduled in May while the hands-on workshop will be offered in early-June.

Today’s conference featured a unique Innovation Café in which participants could connect with experts directly for deep dive into MindSphere, blockchain and digital twin. The event indicated a high level of interest in innovative technologies and provided an interactive platform for participants to exchange knowledge related to smart city development.



Mr. Eric Chong, President & CEO, Siemens Hong Kong & Macao, delivered his opening remarks.



Dr. Norbert Gaus, Executive Vice President & Head of Research & Development in Digitalization and Automation, Siemens AG delivered his speech of unlocking the potential of innovation.



Mr. Keith Cheng, Head of Hong Kong Digitalization Hub, Siemens Hong Kong & Macao (first left), Mr. Andre Blumberg, Senior Director – Information Technology, CLP Power Hong Kong Ltd. (second left), Mr. George Tee, Chief Technology Officer, Hong Kong Science and Technology Parks Corporation (third left), Dr. Norbert Gaus, Executive Vice President and Head of Research & Development in Digitalization and Automation, Siemens AG (middle), Dr. Winnie Tang, Founder & Honorary President, Smart City Consortium (third right), Mr. Eric Chong, President & CEO, Siemens Hong Kong & Macao (second right), and Ir. Dr. Tony Lee, Chief of Operations Engineering, MTR Corporation Limited (first right) kicked off MindSphere Academy Hong Kong.



Mr. Keith Tsui, Data & Analytics Director, Lan Kwai Fong Group (first left), Mr. Wilfred Lau, Director, Ove Arup & Partners Hong Kong Limited (second left), Mr. Andre Blumberg, Senior Director – Information Technology, CLP Power Hong Kong Ltd. (second right) and Ir. Dr. Tony Lee, Chief Operations of Engineering, MTR Corporation Limited (first right) discussed how to co-create smart city Hong Kong together.



Dr. James Huang, Chairman, Co-founder and Chief Technology Officer, DataInsights Limited (first left), Dr. Norbert Gaus, Executive Vice President & Head of Research & Development in Digitalization and Automation, Siemens AG (second left), Ms. Waltraut Ritter, Founder, Knowledge Dialogues (Middle), Dr. Jean-Baptiste Monnier, Senior Vice President, Strategic Partners, Bentley Systems, Inc. (second right) and Dr. Monika Sturm, Principal Key Expert, Siemens AG (first left) discussed about smart city innovations at Hong Kong.

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### About Siemens

**Siemens AG** (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for over 170 years. The company is active in more than 200 countries, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. In fiscal 2017, which ended on September 30, 2017, Siemens generated revenue of €83 billion and net income of €6.2 billion. At the end of September 2017, the company had around 372,000 employees worldwide. Further information is available on the Internet at [www.siemens.com.hk](http://www.siemens.com.hk).

In 1911, Siemens opened its first sales office in Hong Kong. Since then, the company has committed to being a trusted technology partner and providing innovative solutions in Hong Kong & Macao. Siemens has provided integrated solutions for infrastructure development projects, including gas turbine at Black Point Power Station and power substations for CLP Power in Hong Kong and CEM in Macao; signaling, main control and fixed communication systems for Shatin Central Link; traffic control and surveillance system for Liantang / Heung Yuen Wai Boundary Control Point and total building solutions for City of Dreams in Macao. In 2017, Smart City Digital Hub (also called MindSphere Application Centre – City) was setup to unlock the potential of digitalization.

香港，2018年5月8日

### 香港西門子創新高峰會 引航智慧未來

- 超過 250 人出席首個香港西門子創新高峰會，討論如何攜手發展智慧城市，打造開放創新生態系統
- 香港 MindSphere 學院的成立為業界提供數碼培訓，並協助企業應用創新科技及數碼化轉型
- 深入探索各種創新科技包括 MindSphere、區塊鏈、數碼模擬、人工智能及數據分析

第一屆香港西門子創新高峰會於今天(五月八日)在香港科學園舉行，是次活動主題為「共建智慧城市，推動創新生態」，吸引超過 250 名商界領袖、行業伙伴、政府官員、學者及初創企業參加，共同探討各種創新科技及發展合作計劃，致力將香港打造為國際級的智慧城市及發掘其創新潛力。共十六位香港、中國、德國、維也納及倫敦的專家分享有關智慧城市、數碼模擬、物聯網、區塊鏈、數據分析及人工智能的研究，座談會由智慧能源、智慧交通及智慧建築角度出發，深入討論如何共創智慧香港，以及未來城市所需的創新科技。

#### 促進香港智慧城市發展

香港西門子總裁兼首席執行官鍾漢明先生為開幕致辭，他表示西門子致力透過於科學園的智慧城市數碼中心促進創新發展，並利用 MindSphere 物聯網運作系統實現數碼化所帶來的重大機遇。他亦指出中心一直主動與業界伙伴及基建供應商緊密合作，尤其於智慧建築、智慧能源及智慧交通等範疇，為加快合作步伐，鍾先生宣布香港 MindSphere 學院正式成立，將會協助企業的數碼化發展，同時緊守其企業價值。鍾先生說：「我相信今天的高峰會可聯繫社會各界，進一步將香港打造成為智慧城市，並將有關影響力擴展到大灣區等地。」

#### 西門子科技發掘創新潛力

西門子股份公司執行副總裁兼數碼化及自動化科技研究中心總監 Norbert Gaus 博士分析了數碼化為社會所帶來的巨大影響。他表示，西門子於 2018 財政年度投放了 56 億

歐元，相比起 2014 年增加了 40 個百分比，進一步鞏固西門子於人工智能、物聯網、數碼模擬及網絡安全的領先地位，同時西門子 2017 財政年度的收入亦增長了 20 個百分比——超過 50 億歐元。監於香港的特殊環境，他強調西門子於數碼模擬、數據分析及人工智能的研發，並指出：「西門子正進一步加強數碼化發展，我們是全球首間企業於工業領域內建立多達 20 個數碼應用客戶中心，當中包括香港智慧城市數碼中心。」

### 成立香港 MindSphere 學院推動數碼轉型

香港 MindSphere 學院今天正式開幕，目的是透過西門子物聯網運作系統 MindSphere，支持現有及潛在商業伙伴的數碼化進程。工作坊有別於其他培訓課程，主要以小組學習及個人輔導為主。課程分為兩種，第一種是為 CXO 及高級管理人員而設，重點解釋企業如何迎接數碼化的模式轉變；第二種主要教授 MindSphere 的獨特性及如何設計出具連接性又安全的運作，將全球智慧城市解決方案應用於香港環境之中。第一種的管理人員培訓將於 5 月舉辦，而實踐型的工作坊將於 6 月初進行。

今天的高峰會的特點在於其「創新茶座」，此茶座提供一個互動平台，讓參加者能夠直接與專家對話，以深入了解 MindSphere、區塊鏈及數碼模擬等科技。此活動不僅提升了各界對創新科技的興趣，亦為參與者提供交流智慧城市發展資訊的平台。



西門子香港及澳門行政總裁鍾漢明先生為香港西門子創新高峰會開幕致辭



西門子股份公司執行副總裁兼數碼化及自動化科技研究中心總監 Norbert Gaus 博士分享如何發掘創新科技潛能





西門子有限公司香港數碼中心主管鄭慶舒先生（左一）、中華電力有限公司資訊科技高級總監貝柏安先生（左二）、香港科技園公司首席科技總監戴紹龍先生（左三）、西門子股份公司執行副總裁兼數碼化及自動化科技研究中心總監 Norbert Gaus 博士（左四）、智慧城市聯盟創辦人及榮譽主席鄧淑明博士（右三）、西門子香港及澳門行政總裁鍾漢明先生（右二）、香港鐵路有限公司車務工程總監李家潤博士（右一）為香港 MindSphere 學院主持開幕儀式



蘭桂坊地產集團數據分析總監徐安傑先生（左一）、奧雅納工程顧問董事劉偉棠先生（左二）、中華電力有限公司資訊科技高級總監貝柏安先生（右二）和香港鐵路有限公司車務工程總監李家潤博士（右一）討論如何共同建設智慧香港



香港盈盛科技有限公司董事長、首席技術官及聯合創始人黃勁博士（左一）、西門子股份公司執行副總裁兼數碼化及自動化科技研究中心總監 Norbert Gaus 博士（左二）、Knowledge Dialogues 創辦人 Waltraut Ritter 女士（中）、Bentley 軟件公司 Jean-Baptiste Monnier 博士（右二）和西門子股份公司首席技術專家 Monika Sturm 博士（右一）正探討如何將智慧城市的創新科技應用於香港

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#### 有關西門子

西門子股份公司是領先全球的科技企業，創立於 1847 年，業務遍及全球 200 多個國家，專注於電氣化、自動化和數碼化領域。西門子一直以卓越的工程技術、創新、品質、可靠性及國際化著稱。作為世界最大的高效能源和資源運用的技術供應商之一，西門子在複循環發電渦輪機、輸電解決方案、基建設施解決方案、工業自動化、驅動和軟體解決方案，以及醫療影像設備和實驗室診斷等領域居領導地位。截至 2017 年 9 月 30 日，西門子全球擁有約 372,000 名員工。2017 年財政年度，西門子的營業總額達到 830 億歐元，純利為 62 億歐元。欲了解更多資訊請瀏覽：[www.siemens.com.hk](http://www.siemens.com.hk)。

1911 年，西門子於香港開設首個辦事處。多年來西門子致力成為香港及澳門值得信賴的業務伙伴，為兩地的基建設施提供創新的解決方案，包括：中電及澳電變電站及龍鼓灘發電廠的燃氣輪機；沙中線信號、主控及固定通信系統；蓮塘/香園圍口岸交通及監測系統及新濠天地的樓宇解決方案。2017 年，西門子成立智慧城市數碼中心（亦稱為 MindSphere 應用中心），以發掘數碼化潛力。