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BDC 7/2018 (Revised)

**Revised Minutes of the 65th Meeting of the
Business Development Committee held at 2:30p.m.
on Tuesday, 13 March 2018 in the Boardroom,
2nd Floor, HKPC Building, 78 Tat Chee Avenue, Yau Yat Chuen, Kowloon**

Present : Chairman – Mr. Emil Yu Chen-on, JP

Members – Mr. Mohamed Din Butt
Mr. Alan Cheung
Mr. Felix Chow Bok-hin
Mr. Bryan Ha Kwok-fung
Mr Paul Poon Wai-yin
Prof. Tam Kar-yan, MH

In attendance from HKPC :

Dr. Lawrence Cheung	Director, Technology Development
Mr. Gordon Lo	Director, Business Management
Ms. Flora Li	General Manager, Human Resources and Facility Management
Ms. Vivian Lin	General Manager, Finance and Procurement
Mr. Alfonso Tam	Chief Manager, Council Secretariat
Ms. Gillian Luk	Senior Manager, Council Secretariat
Ms. Olivia Poon	Manager, Council Secretariat

Welcome to New Chairman

Mr. Mohamed Din Butt, the Executive Director (ED), welcomed Mr. Emil Yu as Chairman of the Business Development Committee.

Welcome

The Chairman welcomed Mr. Paul Poon Wai-yin and Mr. Mohamed Din Butt who attended the meeting for the first time.

Vote of Appreciation

The Chairman suggested, and Members agreed, to record a vote of appreciation to Dr. Delman Lee for his contribution during his tenure as Chairman of Business Development Committee.

I. Confirmation of Minutes (BDC 18/2017 Revised)

1. The Revised Minutes of the 64th Business Development Committee (BDC) Meeting held on 14 November 2017 had been circulated to Members and there were no further requests for amendments. The Revised Minutes of the meeting were taken as read, confirmed and signed by the Chairman.

II. Progress Report and 2018/19 Annual Plan of Inno Space (BDC 1/2018)

2. Invited by the Chairman, briefed Members the work progress of Inno Space since establishment in October 2017 to end-January 2018 as outlined in paragraphs 16 to 20 of the paper.

3. In considering the 2018/19 Annual Plan, Members advised that the Management should:

(a) develop Key Performance Indicators (KPIs) on the effectiveness of Inno Space's work/activities which aligned with its 4-C objectives (i.e. Complete, Complement, Connect and Community);

(b) ; and

(c) keep track of the feedback of users of Inno Space and the industry's demands to enable Inno Space to provide relevant services continuously. To this end, major and significant views/ feedback of users and industry should be included in future progress reports.

4. said that Inno Space, while still in its early stage of development, would capitalize on HKPC's expertise and service portfolio to complement its services and offer one-stop technical support to start-ups. Inno Space and HKPC would engage in co-marketing efforts, . Supplementing, said that . As Inno Space was only set up recently, the initial focus was to promote a larger awareness of the services of Inno Space and to ensure optimal and gainful utilization of its

maker learning environment and facilities to provide effective support to industry in pursuit of innovation for sustained competitiveness regionally and globally.

5. Members approved the Annual Plan of Inno Space for 2018/19. Members also noted that HKPC would report the progress of Inno Space on half-yearly basis and the next progress report would cover the period from April – September 2018. The further development of Inno Space’s KPIs should be reported at the next meeting of the BDC.

IV. 2017/18 Annual Report and 2018/19 Annual Plan of Automotive Parts and Accessory Systems R&D Centre (APAS) (BDC 3/2018)

11. Invited by the Chairman, introduced the paper and briefed Members on the 2017/18 annual report and 2018/19 annual plan of APAS as outlined in the paper.

12. In response to Members’ enquiries, said that the R&D work of APAS would largely focus on collaborative projects in partnership with industry to develop a multi-standard wireless charging infrastructure based on the ground work laid under a seed project in enhancing the capabilities of APAS in electric vehicle (EV) wireless charging. The market study for EV was underway and would be sent to Innovation and Technology Commission (ITC) for review before dissemination.

13. On the commercialization of R&D results, Members noted that that APAS was poised to fulfil its mission in serving the needs of industry through investment in technology development and technology transfer to optimize the market potential and commercial values of such technologies and solutions. Commercialization of such technologies was being pursued in accordance with ITF funding guidelines, mostly via licensing with licensing fee and royalty income. Royalty income was expected to increase with more APAS R&D projects being completed in the coming years.

15. Members noted the 2017/18 Annual Report (to be updated as of end March 2018) and 2018/19 Annual Plan of APAS for submission to ITC, in line with the funding agreement with the Government.

V. Establishment of Invention Centre (Powered by HKPC & Fraunhofer IPT) (BDC 4/2018)

16. briefed Members on the establishment of an Invention Centre (the Centre) as detailed in the paper, and that the Centre would be set up jointly by HKPC and Fraunhofer IPT to support Hong Kong companies in smart products and services invention, time-to-market development and prototyping through capitalizing on the extensive expertise, technology network and facilities of both organizations.

17. Members supported the collaborative initiative with Fraunhofer and agreed that the establishment of the Invention Centre would provide HKPC with a full spectrum of Industry 4.0 services for Hong Kong industry in support of the Government's policy to promote reindustrialization. Members further noted that HKPC's partnership with Fraunhofer would give Hong Kong industries greater access to innovation technologies and R&D institutes in Germany which would be useful to the development of Industry 4.0 in Hong Kong.

VI. Report on Projects for Government Funding Schemes (April 2017–January 2018) (BDC 5/2018)

18. Members noted that between April 2017 and January 2018, 29 projects with HKPC's involvement had been approved under the respective government funding schemes, as follows:

- (a) Innovation and Technology Fund (ITF): 13 approved projects for \$31.5M;
- (b) SME Development Fund (SDF): 8 approved projects for \$16M;
- (c) Environment and Conservation Fund (ECF): 1 project for \$1.2M;
- (d) The BUD Fund – Organization Support Programme: 6 approved projects for \$14.7M; and
- (e) Innovation and Technology Fund for Better Living: 1 project for \$1.2M.

19. Members also noted HKPC's secretariat support to the following government funding schemes as outlined in paragraphs 25 to 33 of the paper:

- (a) Enterprise Support Programme (ESP) of the BUD Fund;
- (b) Cleaner Production Partnership Programme;
- (c) Retail Technology Adoption Assistance Scheme for Manpower Demand Management; and
- (d) Recycling Fund.

VII. Final Performance Review of Completed ITF Projects (BDC 6/2018)

20. Members noted the final performance review of 3 completed ITF projects, as follows:

- (a) Development of Antimicrobial and Water Repellent Treatments for Cotton and Wool Knit Fabric by Plasma Technology;
- (b) Development of a Quick Learning Automatic Spraying Cabinet for Surface Decoration of Jeans; and
- (c) Development of Diamond-Like Carbon (DLC) Nanostructured Low-Friction Coating on Automotive Engine Components by DC-AC Superimposed Biasing Technique.

VIII. Any Other Business

(A) Appointment of Mentors for ITF Projects

21. Members agreed to appoint Mr. Emil Yu as the mentor of the ITF project on the “Research and Development of Key Technologies of Intelligent Grinding and Polishing Robotics System for Eyewear Industry”, in replacement of ex-Council Member, Dr. Delman Lee.

22. Members also agreed to appoint Mr. Alan Cheung, Prof. Tam Kar-yan and Mr. Paul Poon as the mentors of three newly approved ITF projects, respectively as follows:

- (a) Development of a Turnkey Solution with Novel Two-photon Polymerization Technology on Micro-optics and Micro-components Fabrication for Smart Products Development;
- (b) Study on Multiple Sensor Fusion Based Biomimetic Technology for Powered Exoskeleton; and
- (c) To Develop Metal-plastic Integrated Technology for Producing 3D Conductive and Multi-functional Metallic Component on Plastic Part.

(B) Attendance Record

23. Members noted their attendance record in 2017 tabled at the meeting.

IX. Date of Next Meeting

24. It was agreed that the next meeting would be held on 10 July 2018 at 2:30pm.

25. There being no other business, the meeting was closed at 4:10pm.