

**SME Development Fund (SDF)/  
Dedicated Fund on Branding, Upgrading and Domestic Sales (BUD Fund)  
(Organisation Support Programme) (OSP)**

**Final Report on Approved Project**

**This report is for (please put "√" in either one box only):**

☐ SDF Final Report

☒ BUD Fund (OSP) Final Report

Project ref. no.	:	BUD 13 2 002
Project title	:	An In-Depth Industry Analysis and Strategic Roadmap to Upgrade Hong Kong Traditional Surface Finishing Industries to Diversify into High-Value Added Components Markets for Domestic Sales Growth
Period covered	:	From 01/01/14 to 31/12/15 (dd/mm/yy) (dd/mm/yy)

## 1. Project Details

(Please mark with "\*" if any of the following project details is different from that in the project proposal appended to the project agreement.)

### Project Summary (in about 150 words)

Whether it be an industrial or consumer product, one usually applies such a product by interacting with its material surface, instead of the bulk, which determines its decorative finishing and/or functionality. Surface finishing services cover a diverse spectrum of industrial processes, such as: (1) electroplating (a wet chemical process conducted in tanks depositing a thin-film coating of metal on either a metallic or plastic base material); (2) electroforming (a process similar to electroplating but for thicker coating on wax to be removed after deposition to fabricate hollow product structure, e.g. jewellery rings, earrings, models, etc); (3) spray organic coating (a wet chemical process in a semi-vacuum chamber for applying paints or powders on base materials); (4) vacuum coating (can be a wet chemical or dry physical process taken place in a vacuum chamber for depositing thin-film metal or ceramic coating on either metallic, plastic or ceramic base materials); (5) mechanical surface treatment (a mechanical process to apply force on base materials of metals, plastics, or ceramics to modify the surface appearances, textures, or functionality, e.g. polishing, sandblasting), etc, to mass-produce specific appearances and performance on bulk materials, where consumers see and experience. Therefore, many products can simply not be realized and many industries cannot survive without surface finishing providers.

Local traditional surface finishing industries serve many other manufacturing industries in the business-to-business manner in products ranging from decorative colour tuning to functional electronics assembly. They currently suffer from a lack of industrial upgrade strategy in understanding market requirements of high-value added component sectors, in counteracting compliance and quality driven issues, and in revitalizing their polluted and non-innovative images required to capture lucrative domestic component sales market in the Mainland China. Systematic strategic development of industrial upgrade for the industries is currently unavailable.

This project aims to conduct a comprehensive analysis to identify, study and evaluate gaps in product design and development, production and environmental technologies, commercial research and development, compliance and management systems for local surface finishing industries in order to diversify their businesses to manufacture high-value added products with promising potentials in domestic markets, such as automotive parts, aeronautical parts, medical devices, electronics and 3C products, and electrical appliances. This part of the project work will be implemented by means of organization of forums on specific surface finishing requirements of high-value added component sectors, preliminary survey by questionnaires, primary research interviews and one-day onsite assessment visits to a pool of local companies active in the surface finishing industries. Further intensive investigations and analysis on how successful local surface finishing businesses diversify their operations into manufacturing of high-value added component products will also be conducted through 5 man-day detailed onsite assessment visits with the findings disseminated through sector-specific seminars to benefit more local companies directly on the value chain. The in-depth industry analysis will also be conducted through the visit of some overseas exhibitions in the targeted high-value added component industries. The up-to-date market information collected from these exhibitions will be useful for developing the upgrading strategy for local surface finishing industry.

A roadmap will subsequently be developed, formulated and distributed to recommend possible strategies and implementation advices for local surface finishing industries to refresh, repackage and reposition their businesses into innovative, technological, environmentally friendly and fashionable industries to capture the high-value added market sectors in domestic markets by providing the latest market information of industries, role models and guidelines. A final dissemination workshop will be organized to present the full strategic roadmap to the public and copies of the strategic roadmap will be distributed freely, which will be cost-effective and applicable to a diverse range of local surface finishing industries serving end-users in domestic markets as a whole.

### Project Objective(s) (in about 80 words)

This project aims to explore and execute two distinctive yet lateral areas for the overall industrial upgrade of traditional surface finishing industries as follows:

- **In-Depth Industry Analysis:** To conduct a comprehensive industry analysis to identify, study and evaluate essential market requirements and gaps in product design and development, production and environmental technologies, commercial research and development, compliance and management systems for local surface finishing industries in order to capture new business opportunities in manufacturing high-value added products with promising potentials in domestic markets, such as automotive parts, aeronautical parts, medical device, electronics and 3C products, and electrical appliances.

- **Strategic Roadmap Development:** To deduce possible implementable strategies and plans for upgrading industrial processes to consequently develop, formulate and distribute a roadmap to guide the local surface finishing industries on the steps that can be taken and on the requirements that can be overcome for refreshing, repackaging and repositioning as innovative, high-tech, clean and fashionable industries in order to capture the high-value added product sectors in domestic markets.

### Grantee/Collaborating Organisation/Implementation Agent

Grantee : Hong Kong Surface Finishing Society Limited

Collaborating Organisation(s) : Hong Kong Federation of Innovative Technologies and Manufacturing Industries  
Hong Kong Electronics and Technologies Association  
Hong Kong Electrical Appliance Industries Association  
Hong Kong Medical and Healthcare Device Industries Association  
Hong Kong Auto Parts Industry Association  
Hong Kong Aviation Industry Association  
Hong Kong Electro-Plating Merchants Association

Implementation Agent(s) : Hong Kong Productivity Council

### Key Personnel

	<u>Name</u>	<u>Company/Organisation</u>	<u>Tel No. &amp; Fax No.</u>
Project Co-ordinator :	<u>Sam L.S. Chong</u>	<u>Hong Kong Surface Finishing Society Limited</u>	Tel : 81200323 Fax : 81200325
Deputy Project Co-ordinator :	<u>Wai-yin Lo</u>	<u>Hong Kong Productivity Council</u>	Tel : 27885520 Fax: 27885522

### Project Period

	<u>Commencement Date</u> (day/month/year)	<u>Completion Date</u> (day/month/year)	<u>Project Duration</u> (No. of months)
As stated in project agreement	<u>01/01/2014</u>	<u>31/12/2015</u>	<u>24</u>
Revised (if applicable)	<u></u>	<u></u>	<u></u>

## 2. Summary of Project Results

### Project Deliverables

(Please list out the project deliverables as stated in the project proposal appended to the project agreement and provide details related to the actual result achieved for each of them.)

	Project deliverable	Quantifiable target number (e.g. 100 participants)	Actual result achieved (e.g. 90 participants)	Reasons for not achieving the target, if applicable (e.g. The total number of registered participants was over 120. However, some of them did not show up eventually. Will strengthen promotion and try to make up for the shortfall in the following two seminars.)
a)	Organize <b>five one-day forums</b> (one for each selected sector: automotive parts, aeronautical parts, medical devices, electronics and 3C products, and electrical appliances) and coordinate experts from Mainland and/or overseas prestigious brands to speak in these forums on <b>specific surface finishing requirements</b> on their products in terms of product design & development, production and environmental technologies, commercial research and development, and compliance and management systems for local surface finishing industries.	250 participants	262 participants	
b)	<b>An in-depth industry analysis</b> to identify, study and evaluate gaps in product design, production and environmental technologies, commercial research and development, compliance and management systems for local surface finishing industries in order to diversify their businesses to manufacture high-value added component products with promising market potentials, such as automotive parts, aeronautical parts, medical devices, electronics and 3C products, and electrical appliances. The study will consist of two parts: <ul style="list-style-type: none"> <li>A preliminary questionnaire survey with 150 surface finishing manufacturers and one-day on-site visits for primary research interviews and assessments for 30 local surface finishing manufacturers;</li> <li>A detailed study on the latest surface finishing trends and market requirements in terms of product design and development, production and environmental technologies, commercial research and development, compliance and management systems of 5 selected high value-added sectors through a</li> </ul>	<ul style="list-style-type: none"> <li>150 local companies (questionnaire survey)</li> <li>30 local companies (on-site preliminary study)</li> <li>15 local companies (on-site detailed investigations)</li> </ul>	<ul style="list-style-type: none"> <li>154 local companies (questionnaire survey)</li> <li>32 local companies (on-site preliminary study)</li> <li>15 local companies (on-site detailed investigations)</li> </ul>	

	5 man-day on-site detailed investigation and analysis for 15 companies (3 companies under each targeted sector) to assist in constructing a guidance system for strategic roadmap development of industrial upgrade and domestic sales. The in-depth industry analysis also includes the collection of recent market information through the visits of overseas exhibitions in the high-value added component products industries.			
c)	<b>Five half-day seminars</b> (one for each selected sector) to disseminate the in-depth industry analysis on market requirement gaps in product design and development, production and environmental technologies, commercial research and development, compliance and management systems and recommended solutions to upgrade existing businesses into high-value added products.	250 participants	264 participants	
d)	Publish a <b>strategic roadmap</b> and distribute 1,500 copies freely available to local surface finishing companies to guide the industries to upgrade their production and environmental technologies, compliance and management systems in order to diversify their businesses into high-value added sectors.	1,500 local companies	1,500 local companies	
e)	One <b>final half-day workshop</b> to disseminate the strategic roadmap to local surface finishing industries.	100 participants	104 participants	

#### Details of the deliverables (e.g. date, duration, venue, speaker, topic discussed, etc.)

(Please list out in table format if necessary.)

	Project deliverable	Detail	
a)	<b>five one-day forums</b>	<b>Event:</b>	<b>1. Expert Forum in Electronics &amp; 3C Products</b>
		Date	29 May 2014
		Time	10am – 5 pm
		Venue	Conference Room F6, 4/F, Dongguan Regal Palace Hotel, No 1 Furniture Boulevard, Houjie Town, Dongguan
		Topic	<ul style="list-style-type: none"> <li>Trend of plating technologies in electronics, automobile industries of Korea and trend of surface finishing industry</li> <li>The gateway for electronics products to overseas and domestic markets</li> <li>Innovative Technology for MID Applications</li> <li>Electronics cleaning &amp; contamination control, green technology trend</li> <li>Application of Ion Plating - from Coating Design to High Power Pulse Magnetron Sputtering Technology</li> <li>3C產品鍍鋁合金外觀件塗層設計原理與製備技術</li> </ul>
		Speaker	<ul style="list-style-type: none"> <li>Prof. JIANG Bai-ling, College of Materials Science and Engineering, Nanjing Tech University</li> <li>Dr. Haeduck PARK, Vice Chairman of the Korean Institute of Surface Engineering</li> <li>Ms Miranda LEE, Deputy Director, Customer Testing Services &amp; Electrical &amp; Electronics Technology, SGS Hong Kong Limited</li> <li>Dr. Pokka PANG, Product Specialist, Atotech Asia Pacific Ltd</li> <li>Mr. George IP, Sr. Application Development Specialist, 3M Asia Pacific Region</li> <li>Dr. Wai Yin LO, Senior Consultant, Hong Kong Productivity Council</li> </ul>
		No. of participant	55/50 (Actual participant/Target participant)
		Variance of no. of participant	(+10%)
		No. of questionnaire collected	36
		<b>Event:</b>	<b>2. Expert Forum in Medical Device</b>
		Date	25 July 2014
		Time	10 am – 5 pm
		Venue	Conference Hall 04-05, 2/F, Lakeside 2, Hong Kong Science Park, Pak Shek Kok, Sha Tin, Hong Kong

		Topic	<ul style="list-style-type: none"> <li>Surface finishing for the medical devices industry: How new “smart” finishes and coatings are benefitting medical devices</li> <li>Medical Device Surface Treatment – A Regulatory Prospective</li> <li>Surface Treatments and Their Applications for Healthcare and Medical Devices</li> <li>Surface Finishing and Micro Fabrication Technology for Biomedical Applications</li> </ul>
		Speaker	<ul style="list-style-type: none"> <li>Dr. David Sarphie, CEO, Bio Nano Consulting, London, UK</li> <li>Dr. Christopher Chan, Office of Medical Device Evaluation, Industrial Technology Research Institute, Taiwan</li> <li>Dr. Connie Kwok, Director of Research and Development (Bio and Healthcare), Nano and Advanced Materials Institute Limited (NAMI)</li> <li>Dr. Richard Lau, Nano and Advanced Materials Institute Limited (NAMI), Mr. Eric Yau, Dr. Carmen Fung, Hong Kong Productivity Council</li> </ul>
		No. of participant	52/50 (Actual participant/Target participant)
		Variance of no. of participant	(+4%)
		No. of questionnaire collected	47
		Event:	<b>3. Expert Forum in Aeronautical and Transportation Parts</b>
		Date	12 Sep 2014
		Time	10 am – 5 pm
		Venue	Room 108, 1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon Tong, Hong Kong
		Topic	<ul style="list-style-type: none"> <li>Plating requirement and technology for aeronautical parts</li> <li>Quality management system for aerospace industry</li> <li>Aircraft interior and exterior painting application</li> <li>Application of shot peening and advanced coatings in aeronautical and transportation parts manufacturing</li> <li>Innovative Applications for Nickel-Containing Materials</li> </ul>
		Speaker	<ul style="list-style-type: none"> <li>Mr. Henry Chung, Hong Kong Aero Engine Services Limited (HAESL)</li> <li>Mr. Alfred LEUNG, Hong Kong Productivity Council</li> <li>Mr. Hanson Lau, Cathay Pacific Airways Limited</li> <li>Mr. David LAM, General Manager, China, Curtiss-Wright Corporation</li> <li>Mr. Clive Whittington, Nickel Institute</li> </ul>
		No. of participant	51/50 (Actual participant/Target participant)
		Variance of no. of participant	(+2%)
		No. of questionnaire collected	33
		Event:	<b>4. Expert Forum in Electrical Appliance</b>
		Date	31 Oct 2014
		Time	10 am – 5 pm
		Venue	Classroom 2-3, G/F, InnoCentre, 72 Tat Chee Avenue, Kowloon Tong, Hong Kong
		Topic	<ul style="list-style-type: none"> <li>Focus Analysis: The Hong Kong household electrical appliance industry profile and market development trend</li> <li>Business viewpoint on upgrading : The surface treatment technology in household electrical appliance manufacturing</li> <li>Wide-range application: Sol-gel coating on electrical appliance and household product</li> <li>Material Application: Paint and solvent in the household electrical appliance product application</li> <li>Green Strategy for the Electronics &amp; Electrical appliance Industry: Product Responsibility &amp; Low Carbon Manufacturing</li> </ul>
		Speaker	<ul style="list-style-type: none"> <li>Mr. Wing Chu, Economist, Hong Kong Trade Development Council</li> <li>Dr. Ripman Lee, CEO, Mingle Metal (SZ) Co.Ltd</li> <li>Ms. Candy Cheng, Associate Consultant, Hong Kong Productivity Council</li> <li>Mr. Jack Ng, Engineer, Rongchang Chemical Col, Ltd</li> <li>Ms. Tracy Zhou, Consultant, Hong Kong Productivity Council</li> </ul>
		No. of participant	52/50 (Actual participant/Target participant)
		Variance of no. of participant	(+4%)
		No. of questionnaire collected	26
		Event:	<b>5. Expert Forum in Automotive Parts</b>
		Date	17 Dec 2014
		Time	10 am – 5 pm
		Venue	Conference room, Dongguan Exhibition International Hotel, Huizhan North Road, Xincheng District, Dongguan
		Topic	<ul style="list-style-type: none"> <li>The Latest Applications &amp; Developments of Green Surface Finishing Technologies in Auto-making Industry</li> <li>Atotech's Latest Plating Technologies for Automotive Industry</li> <li>Diamond-like Carbon application in automotive parts</li> </ul>

			<ul style="list-style-type: none"> <li>ASF2015「東莞國際電鍍工業、表面處理及塗料展」最新資訊發佈</li> </ul>
		Speaker	<ul style="list-style-type: none"> <li>Mr. Fred Yeung, Director, CSS Sourcing Co., Ltd</li> <li>Mr. Benjamin LI, Product Support Specialist, Atotech Asia Pacific Ltd.</li> <li>Dr. W.Y. Lo, Senior Consultant, Hong Kong Productivity Council</li> <li>Mr. Simon Ho, Hong Kong Electroplating Merchant Association</li> </ul>
		No. of participant	52/50 (Actual participant/Target participant)
		Variance of no. of participant	(+4%)
		No. of questionnaire collected	15
b)	<b>An in-depth industry analysis</b>	<ul style="list-style-type: none"> <li>150 local companies (questionnaire survey)</li> <li>30 local companies (on-site preliminary study) &amp;</li> <li>15 local companies (on-site detailed investigations):</li> </ul> 1Meyer Aluminium Limited 2Rambo Chemicals (HK) Ltd 3SMC Pneumatics (Hong Kong) Ltd. 4永星化工有限公司 5同興塑膠製品廠有限公司 6南方創新有限公司 7啟文集團有限公司 8得力(中國-香港)有限公司 9創隆實業有限公司 10華新金屬電鍍廠有限公司 11集華國際有限公司 12遠東電鍍設備工程 13領升表面處理設備有限公司 14聯合金屬氧化有限公司 15寶豐堂電子科技有限公司	
c)	<b>Five half-day seminars</b>	<b>Event:</b>	<b>1. Electronics &amp; 3C Product Technology Seminar</b>
		Date	3 June 2015
		Time	11:30 am – 3:15 pm
		Venue	Guangdong Modern International Exhibition Center
		Topic	<ul style="list-style-type: none"> <li>Sharing on the latest environmental technology and equipment application for surface finishing on electronics product</li> <li>The latest technology exhibition: SEMICON China 2015 for surface finishing application</li> <li>Upgrading the surface finishing industry: Market requirement and upgrading solution for surface finishing industry</li> <li>The latest electro-plating application and market development on 3C electronics products</li> </ul>
		Speaker	<ul style="list-style-type: none"> <li>Mr. Simon Ho, Senior Manager, Technic (China-HK) Limited</li> <li>Mr. Eric Yau, Hong Kong Productivity Council</li> <li>Mr. Eric Kwan, Hong Kong Productivity Council</li> <li>Mr. Benjamin Li, Atotech Asia Pacific Limited</li> </ul>
		No. of participant	50/50 (Actual participant/Target participant)
		Variance of no. of participant	(+0%)
		No. of questionnaire collected	16
		<b>Event:</b>	<b>2. Medical Device Technology Seminar</b>
		Date	14 Aug 2015
		Time	1000am – 1300pm
		Venue	Lecture Theatre, 1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong
		Topic	<ul style="list-style-type: none"> <li>Medical Innovation: Low cost Hollow Metallic Micro-needle Array by Micro-electroforming Technology</li> <li>Quality Management Systems for Medical Device and Packaging</li> <li>Innovation Technology Application: Latest Applied Research &amp; Development for Commercialization</li> </ul>
		Speaker	<ul style="list-style-type: none"> <li>Mr. Eric Yau, Hong Kong Productivity Council</li> <li>Mr. Edgar Wong, CEO, KITS Company</li> <li>Dr. Wenyan Wang, Senior Consultant, Isis Innovation (Hong Kong) Limited</li> </ul>
		No. of participant	56/50 (Actual participant/Target participant)
		Variance of no. of participant	(+12%)
		No. of questionnaire collected	21

		<b>Event:</b>	<b>3. Electrical Appliance Technology Seminar</b>
		Date	14 Aug 2015
		Time	1300pm- 1600pm
		Venue	Lecture Theatre, 1/F, HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong
		Topic	<ul style="list-style-type: none"> <li>Discussion on Anodizing Technology - Metal Finishing</li> <li>Improving Product Quality: Advanced Plasma Surface Treatment Technology and Equipment for Pre-treatment</li> </ul>
		Speaker	<ul style="list-style-type: none"> <li>Mr. Robin Lau, Director, United Metal Surface Finishing Limited / committee member, Hong Kong Surface Finishing Society</li> <li>Mr. Thomas Markert, Director, Plasmatreat Asia Pacific Pte Ltd</li> </ul>
		No. of participant	56/50 (Actual participant/Target participant)
		Variance of no. of participant	(+12%)
		No. of questionnaire collected	12
		<b>Event:</b>	<b>4. Aeronautical Parts Technology Seminar</b>
		Date	18 Sep 2015
		Time	09:30 am – 12:30 pm
		Venue	Room 108, HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong
		Topic	<ul style="list-style-type: none"> <li>Nadcap Accreditation (National Aerospace and Defense Contractors Accreditation Program)</li> <li>Expert Analysis: How surface finishing technologies match up with the market development of aerospace industry?</li> <li>Industry upgrading - Surface finishing and testing requirement for Aeronautical Parts</li> </ul>
		Speaker	<ul style="list-style-type: none"> <li>Mr. Liu Le, Manager, PRI Asia Pacific, Performance Review Institute</li> <li>Prof. Jackson Ho MH, Department of Mechanical Engineering, The Hong Kong Polytechnic University</li> <li>Dr. W.Y. Lo, Senior Consultant, Hong Kong Productivity Council</li> </ul>
		No. of participant	56/50 (Actual participant/Target participant)
		Variance of no. of participant	(+12%)
		No. of questionnaire collected	21
		<b>Event:</b>	<b>5. Automotive Parts Technology Seminar</b>
		Date	4 Nov 2015
		Time	2:30 pm – 5:00 pm
		Venue	深圳市南山科技園中區高新中二道生產力大樓 102室
		Topic	<ul style="list-style-type: none"> <li>Development of Surface Finishing Industry in Shenzhen</li> <li>Latest Decorative Plating Technology in Automotive Parts</li> <li>Latest Application of Environmental Surface Treatment for Automotive Parts</li> <li>Robotic solution for grinding and polishing application</li> </ul>
		Speaker	<ul style="list-style-type: none"> <li>雷光先先生, 深圳市工業表面處理行業協會常務副會長</li> <li>Mr. Nicholas Chang, Managing Director, Winstar Chemicals Company Limited / committee member, Hong Kong Surface Finishing Society</li> <li>Mr. Fan Wentao, SURTEC Company</li> <li>Mr. Chris Chan, CEO, GOA International Limited</li> </ul>
		No. of participant	46/50 (Actual participant/Target participant)
		Variance of no. of participant	(-8%)
		No. of questionnaire collected	19
d)	<b>Strategic roadmap</b>	1,500 copies delivered to targeted industry stakeholders and associations Table of Content:  前言 香港表面處理學會簡介  1. 表面處理行業概況 1.1 表面處理行業概況 1.2 市場趨勢分析 1.3 困難及挑戰 1.4 表面處理行業機遇  2. 最新產品市場及技術發展 2.1 高增值產品市場及技術需求 2.1.1 3C及電子產品行業市場 2.1.2 醫療器械行業市場	



		2.1.3 汽車、航空及家電市場  3. 香港企業研究分析 3.1香港表面處理企業概況 3.2研發及設計能力分析 3.3生產加工及製造能力分析 3.4營運及市場發展 3.5分析總結  4. 策略性發展藍圖 4.1升級轉型策略 4.2總結	
e)	One final half-day workshop	Event:	Final Workshop on Strategic Development Roadmap and Technology for Surface Finishing Industry
		Date	11 Dec 2015
		Time	2:30 pm – 5:00 pm
		Venue	香港沙田香港科學園核心大樓1座1樓03會議廳
		Topic	<ul style="list-style-type: none"> <li>行業專家：表面處理行業的發展概況</li> <li>企業分享：電鍍業回流香港的挑戰與機遇</li> <li>企業分享：升級轉型以打進不同市場</li> <li>最新海外表面技術應用及策略性藍圖研究報告</li> </ul>
		Speaker	<ul style="list-style-type: none"> <li>香港表面處理學會理事 楊達生先生</li> <li>華新金屬電鍍廠有限公司董事總經理 區偉明先生</li> <li>永星化工有限公司董事總經理 張志恒先生</li> <li>香港生產力促進局高級顧問 盧偉賢博士</li> </ul>
		No. of participant	104/100 (Actual participant/Target participant)
		Variance of no. of participant	(+4%)
		No. of questionnaire collected	34

### Milestones (in chronological order)

(# Please indicate if the milestone is completed (C), deferred (D) or not achieved (N). If it is deferred, please indicate the revised completion date. For those milestones which are deferred or not achieved, please also provide the reasons under item 2.4.)

<u>Milestone</u> (as set out in the approved project proposal appended to the project agreement)	<u>Original target completion date</u>	<u>Revised completion date</u> (if applicable)	<u>Status</u> (C/D/N) #
Plan, arrange and organize five one-day forums on specific surface finishing requirements for the industries of automotive parts, aeronautical parts, medical devices, electronics and 3C products, and electrical appliances, respectively.	31/12/14		C
(a) Conduct preliminary questionnaire survey for 150 local surface finishing companies.	30/09/15		C
(b) Execute one-day onsite assessment and audit visits for 30 local surface finishing companies.	30/09/15		C
(c)			

	Implement 5-man-day onsite visits for detailed investigation and analysis in 15 surface finishing companies.	30/09/15		C
(d)	Collect up-to-date market and product news information by the visits of overseas exhibitions in the sectors of high-value added components.	30/09/15		C
(e)	Organize five half-day seminars to disseminate in-depth industry analysis found in the preliminary questionnaire survey, one-day onsite assessment and audit visits and 5-man-day intensive onsite visits.	30/09/15		D (i)
(f)	Draft, edit, print and distribute the strategic roadmap for local surface finishing industries.	31/12/15		C
(g)	Organize final workshop to disseminate the strategic roadmap to local surface finishing industries.	31/12/15		C
(h)				

**Future Plan for Promoting the Project Deliverables (Nil if not applicable)**

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