

**Legislative Council Panel on Commerce and Industry**  
**The Applied Research Fund**

## **INTRODUCTION**

This paper provides a quarterly update on the financial position of the Applied Research Fund (ARF) since the last update on 11 December 2000.

## **BACKGROUND**

2. The ARF is a government owned venture capital fund of \$750 million set up in 1993 to provide funding support to technology ventures and research and development (R&D) projects that have commercial potential. The longer term aim is to increase the technology capability and to enhance the competitiveness of local industry, thereby promoting high value added economic development in Hong Kong. The ARF is controlled and administered by the Applied Research Council (ARC), a company wholly owned by the Government and formed specifically for this role.

3. We briefed Members on the application and management of the ARF at the Panel meeting on 11 December 2000<sup>(1)</sup>. At that meeting, the Administration undertook to provide quarterly written reports on the progress of the ARF.

4. As we started to engage private sector venture capital firms to be ARF's fund managers in November 1998, the investments of the ARC fall into two categories : those which were processed by the then Industry Department (ID) and funded before the appointment of private sector fund managers, and those which were identified by fund managers and funded after the appointment of fund managers.

## **LATEST DEVELOPMENT**

### **Projects processed by the then ID**

5. The ARC has approved 27 projects in this category with a total amount of \$97 million. The position of the cases remains as in our last update, i.e. four projects are still in progress and it is too early to assess their performance; eight projects are demonstrating satisfactory progress.

6. The remaining 15 cases are considered problematic one way or the other. Of these, we have provided support in the form of equity injection for four of them and in the form of loans for the other 11 cases. For the four equity cases, we have indicated in our previous paper that their chances to grow or improve were not very encouraging and we were discussing with potential buyers to sell our shares. We have

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<sup>(1)</sup> Ref : LC Paper No. CB(1)276/00-01(02)

now reached agreement with one of them to sell our shares at nominal value. Of the 11 loan cases, we have written off our loan in one case, initiated legal actions in four cases and may initiate legal actions in three cases.

### **Projects funded through fund managers**

7. Since our last update, the ARC has approved one new investment and one follow-on investment in an existing project, which together amounted to \$18.6 million. They are in information technology and telecommunication sectors respectively. On the other hand, one project has been withdrawn. Hence, as of 31 March 2001, the ARF has supported a total of 18 projects involving a total funding of \$287 million. Details of the 16<sup>(2)</sup> active investments are at Annex A. The sectoral distribution of these funded projects is shown in Annex B.

8. The latest valuation on 31 December 2000 of all the investments managed by our fund managers totalled at 239% of the investment at cost<sup>(3)</sup>. This is broadly in line with the valuation of 245% as at end September 2000 reported in our last update.

### **ADVICE SOUGHT**

9. Members are invited to note the content of this paper.

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(2) As reported in the last update (Ref: LC Paper No. CB(1)276/00-01(02)), two of our investments have been written off.

(3) The valuations of investee companies are provided by fund managers on the basis of the evaluation of individual investee company in its latest round of financing. If there is no additional round of financing after ARF's investment, our equity will be valued at our investment cost.

**Applied Research Fund - List of Active Investments Managed by Fund Managers****Information Technology**

<b>Investee Company</b>	<b>Fund Manager</b>	<b>Technology Area</b>	<b>Funding Approved (HK\$m)</b>
QuotePower Information Ltd.	AsiaTech Ventures Ltd	Provision of online financial information and real-time electronic trading	8.00
InfoTalk Corporation Ltd.	Walden Technology Management (HK) Ltd	Automatic speech recognition	20.93
I-Quest Corporation (HK) Limited	AsiaTech Ventures Ltd	Highspeed Internet access for the hospitality industry, portal developer	15.51
ecVision Limited	Walden Technology Management (HK) Ltd	Business-to-business e-commerce software and services	27.25
LECCO Technology Ltd.	Walden Technology Management (HK) Ltd	Software tools	19.44
Wisers Information Ltd.	Walden Technology Management (HK) Ltd	Electronic aggregation and distribution of Chinese language-based content	11.67
Inlooktech.com Ltd.	AsiaTech Ventures Ltd	Enterprise Resource Planning solutions	7.79
Uni-tech Systems Engineering Ltd.	AsiaTech Ventures Ltd	System integration, application hosting services	15.55

<b>Investee Company</b>	<b>Fund Manager</b>	<b>Technology Area</b>	<b>Funding Approved (HK\$m)</b>
WebPro Ltd.	Walden Technology Management (HK) Ltd	Internet and e-commerce technologies for the Asian electronics components industry (internet & e-commerce)	15.60
I-Security Solutions Ltd.	Walden Technology Management (HK) Ltd	To develop and market encryption and authentication tools to facilitate e-commerce functions	10.82
Linux Center (HK) Limited	Softech Investment Management Company Limited	To provide web-related and software solutions based on the Linux platform	0.68
<b>Total</b>			<b>153.24</b>

## Telecommunications

<b>Investee Company</b>	<b>Fund Manager</b>	<b>Technology Area</b>	<b>Funding Approved (HK\$m)</b>
Wafer Systems Holdings Ltd.	HSBC Private Equity Technology Ltd	Data networking	46.50
Unitech Networks Ltd.	Walden Technology Management (HK) Ltd	Internet/Intranet system integrator	11.63
Continuous Technologies International Ltd.	AsiaTech Ventures Ltd	Computer telephony applications	16.15
Entone Technologies	Softech Investment Management Co. Ltd	Broadband Video Streaming	7.8
<b>Total</b>			<b>82.08</b>

## Electronics

<b>Investee Company</b>	<b>Fund Manager</b>	<b>Technology Area</b>	<b>Funding Approved (HK\$m)</b>
NSM Technology Ltd.	AsiaTech Ventures Ltd	Original design manufacturer of telecom equipment	15.58
<b>Total</b>			<b>15.58</b>

**Sectoral Distribution of Projects Funded after the Engagement of Fund Managers**

