

European Commission Enterprise Directorate-General

Final Report

Benchmarking of Business Incubators

February 2002



Centre for Strategy & Evaluation Services

INCUBATOR MANAGERS QUESTIONNAIRE

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The data and analysis presented in this report are the responsibility of CSES under a contract with the European Commission. Although the work has been conducted under the guidance of Commission officials and the Member State experts, the European Commission is not necessarily in agreement with the analysis presented and the views expressed do not necessarily represent the official position of the European Commission.

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INCUBATOR MANAGERS QUESTIONNAIRE

Name of Business Incubator	
Address	Street Town Region: Country:
Contact name/position:	
Contact details:	Tel: Fax: E-mail
1 Key Success Factors in Settin	ng Up and Operating Business Incubators
	ubators are set up, the type of businesses they have as tenants ccessfully they operate, including financial aspects.
1.1 When was the incubator establis	shed? Year
1.2 How would you best describe the	e incubator? Please tick one of the following options:
Type of Incubator	Yes
(1) Business & Innovation Centr	re (BIC)
(2) Science/Technology Park Ind	cubator
(3) Specialised incubator (e.g. ru	ural incubator, e-business incubator)
(4) 'Virtual' business incubator, i	ie no in-house space let to clients.
(5) Other type - please specify: .	
1.3 What legal status does the incul	bator have?
Public entity	Private company Other
Is the incubator designed to be:	For profit Not for profit
1.4 What sort of location does the in	ncubator have?
Urban	Greenfield Other
1.5 What sort of premises does the	incubator have?
New	Converted Other

1.6 What are the main objectives of the incubator? Please rank the following objectives in order of importance (where 1=most important objective and 5=least important objective):

Objectives of Incubator	Ranking
(1) To contribute to competitiveness and local job creation	
(2) To help universities and R&D centres commercialise know-how	
(3) To help companies generate spin-off activities	
(4) To help disadvantaged communities/individuals with projects	
(5) Other roles - please specify:	

1.7 Who were/are the main partners involved in setting up and operating the incubator? Please distinguish between (a) partners that are/were members of the board and (b) other partners:

	Partners	Board	Other
		Members	Partners
	(1) EU and/or other international agencies		
	(2) National authorities and public agencies		
	(3) Companies, banks and other private sector organisations		
	(4) Universities and other R&D organisations		
	(5) Community and voluntary organisations		
	(6) Other partner organisations		
1.8	How long did it take to set up the incubator? Please include the business	s planning phase:	
	1 to 12 months 1 to 2 years	Over 2 years	
1.9	What was the cost of setting up the incubator (thousand euro)'?	euro	
1.10	What is the annual cost of operating the incubator (thousand euro)?	euro	
1.11	How do the incubator's operating costs break down? Please inc percentage that each type of cost makes up of the total: Operating Costs	icate the (appro	ximate)
	(1) Total payroll/benefits		%
	(2) Building costs, e.g. maintenance, mortgage costs		%
	(3) Other costs - services to tenants		%
	(4) Other costs, e.g. utilities, equipment, supplies, telecoms		%
	Total		100 %

1.12 How does the incubator cover its costs? Please distinguish between the sources of funding for (a) setting up the incubator and (b) to help cover running costs:

Source of Funding	Set Up Costs	Running Costs
(1) Subsidies - EU and other international agencies	%	%
(2) Subsidies - National authorities and public agencies	%	%
(3) Payments from banks and other private sector organisations	%	%
(4) Payments from universities and other R&D organisations	%	%
(5) Rental income and other incubator charges	%	%
(6) Other revenue, e.g. from service contracts	∞%	%
(7) Investment income, e.g. royalities, equity returns	%	%
(8) Other sources - please specify:	%	%
Total	100 %	100 %

1.13 Is it part of the incubator's business plan to break even, ie to generate sufficient income from non-public sources (Categories 3 to 8 above) to cover operating costs? If yes, how long has it taken/will it take for the incubator to reach this point?

No - not	part of	business	plan
110 1100	partor	000000	pian

Years

1.14 If the incubator receives cash operating subsidies (Categories 1 and 2 above) and this funding was stopped, what would the effect be on its operations? Please tick the most appropriate box:

	Importance of Cash subsidies	
	(1) Incubator activities could be maintained at current levels	
	(2) Incubator activities would have to be reduced significantly	
	(3) Incubator activities would stop altogether	
	(4) Not relevant - incubator does not receive subsidies	
1.15	How many businesses has the incubator assisted since it started operating? How many of these firms subsequently went out of business?	
1.16	How many tenant businesses is the incubator currently assisting? Please distinguish betw tenant firms occupying incubator units and (b) other ('outreach') clients not located in the	een (a)
	Tenant companies Other ('outreach') clients	
1.17	Where did the current tenant businesses originate from? Please indicate the number i category:	in each
	Origins	Number
	(1) Start up	
	(2) Branch of existing firm	
	(3) Spin off from university or R&D centre	
	(4) Other - please specify	

1.18 What sort of business activities are the tenant companies undertaking? Please indicate the number of clients falling into each of the following categories

Business Activities	Number
(1) Sales, marketing and distribution	
(2) Business and financial services	
(3) Advanced/high tech manufacturing	
(4) Information and comunications technologies	
(5) Research and development	
(6) Other manufacturing activities	
(7) Other service activities	
(8) A combination of some/all of these activities	

2 Nature and Scope of Support Services

This section of the questionnaire examines the type of incubator services available to companies and the way in which these services are priced.

2.1 What is the physical space of the business incubator? Please indicate in square meters:

area

Incubator units

2.2 How many units does the incubator have and what type of space is available? Please indicate the number of units and total space available for the following categories:

Categories	Number of Units	Space sq m
(a) Office space		
(b) Workshop space		
(c) Laboratory space		
(d) Mixed/other types of units		
(e) Common facilities, e.g. meeting rooms		
2.3 What percentage of the total incubator space is currently occupied?		<u>%</u>

2.4 How large are the incubator units? Please indicate the size of the smallest and largest units and the monthly rental charges in euros:

Incubator Units	Size	Charge
Smallest units	sq m	euro
Largest units	sq m	euro
2.5 What is the maximum length of time tenants can occupy	incubator units?	Years

2.6 Does the rental charge for incubator space vary according to the length of tenancy? If yes, please indicate how the monthly rental (in euro) for the smallest units varied over time:

Initial rental	Final rental	Not applicable	
		_	

-	ICUBATOR QUESTIO		
2.7	Are charges for utilities (e.g. electricity) included in the rentals?	Yes	No
2.8	How does the rental charge for incubator units compare with the cost elsewhere in the area?	of similar types of	premises
	Lower About the same	Higher	
	What sort of professional services does the business incubator offer? boxes and indicate whether the services are provided by (a) incubator		
	Professional Services	In House	External
	(1) Pre-incubation services		
	(2) Business planning and forming a company		
	(3) Training to develop business skills		
	(4) Accounting, legal and other related services		
	(5) Market research, sales and marketing		
	(6) Help with exporting and/or partner search abroad		
	(7) Help with e-business and other aspects of ICT		
	(8) Advice on development of new products and services		
	(9) Help with raising bank finance, grants, seed and venture capital		
	(10) Incubator seed/venture capital fund, business angel network		
	(11) Advice on recruitment of staff and personnel management		
	(12) Networking, e.g. with other entrepreneurs, potential customers		
	(13) Mentors, board members and other senior advisers		
	(14) Other services - please specify		
	Does the incubator take an equity (ownership) position in client firms?	Yes	No
2.10	What other facilities and support services are available to clients? Ple and indicate whether the services are provided by (a) incubator staff (b		
	Other Support Services	In House	External
	(1) Shared secretarial and office services		
	(2) Cleaning and maintenance		
	(3) Meeting room(s), restaurant		
	(4) Other services - please specify		
.11	What approach is adopting to the pricing of incubator services?		
	Pricing Policy	In House	External
	(1) Services are mostly free to clients		
	(2) Clients charges partly cover the cost of services		
	(3) Client charges cover the entire cost of services		

Lower

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About the same

ne

Higher

Appendix

INCUBATOR QUESTIONNAIRE

3 Key Functions of Incubator Managers

This section of the questionnaire examines issues relating to incubator management - key functions, quality standards, performance indicators.

3.1 How many personnel does the incubator have? Please indicate the full-time equivalents for each category:

Personnel	Number
(1) Managers	
(2) Secretarial	

(3) Other personnel

3.2 What are the main functions of the incubator's management team? Please rank the following functions (where 1=most important function and 4=least important function):

Management Functions	Ranking
(1) Routine management of incubator affairs	
(2) Providing advice and assistance to tenant companies	
(3) Networking with other incubators and business support organisations	
(4) Other roles - please specify:	

3.3 Taking the second of these functions, approximately what percentage of management time is devoted to providing tenants with advice and assistance?

Percentage of working week

%

3.4 What sort of experience and skills do the incubator's staff have? Please indicate the number of managers and staff who:

Staff Experience and Skills	Number
(1) Have set up/managed their own firms or worked in business	
(2) Previously worked for public authorities/agencies or universities	
(3) Have previous experience of advising start up and small firms	
(4) Have participated in training that is relevant to business incubation	

3.5 What sort of formal qualifications does the incubator manager have? Please tick the appropriate box and indicate the level/type of the qualification:
Professional

Incubator Manager Qualifications	Degree	Qualification	Other
(1) Accounting, banking, finance, etc			
(2) Real estate, property management, etc			
(3) Personnel management, education/training			
(4) Legal qualification			
(5) Sales, trade, marketing, etc			
(6) Other - please specify			
3.6 In the past 12 months, how many staff have partic	cipated in formal	training?	Number

3.7 What sort of criteria does management use to monitor the performance of the incubator itself?

Performance Criteria	Quite Important	Very Important
(1) Incubator occupany rates		
(2) Number of companies graduating from incubator		
(3) Jobs created by tenant/graduate companies		
(4) Turnover of tenant/graduate companies		
(5) Financial performance of incubator itself		
(5) Other criteria - please specify:		
 (2) Number of companies graduating from incubator (3) Jobs created by tenant/graduate companies (4) Turnover of tenant/graduate companies (5) Financial performance of incubator itself 		

4 Promotion of Incubator Services

In this section we consider how incubators define their target market, methods used to promote incubator services, and adminssion and exit criteria.

4.1 What criteria, if any, are used to define the incubator's target market?

Target Market	Quite Important	Very Important
(1) Firms must be start ups		
(2) Firms can be already trading but must be below a certain size		
(3) Firms must be involved in certain types of activities		
(4) No particular criteria exist to define the target market		
(5) Other criteria - please specify:		

4.2 What type of methods are used to promote the incubator's services?

Marketing	Quite Important	Very Important
(1) Advertising and media promotions		
(2) Business events, conferences, exhibitions,etc		
(3) Referrals from other business support agencies		
(4) Direct approach to potential clients		
(5) Other method(s) - please specify:		

4.3 Approximately how many enquiries does the incubator receive from potential clients each year and how many of these are subsequently taken on by the incubator?

Eng	uiries
LIIG	unes

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screening

Admissions

4.4 What sort of criteria are used to screen projects for admission to the incubator? Please tick the relevant boxes:

Admission Criteria	Quite Important	Very Important
(1) A business plan must have been prepared		
(2) Financing must be in place		
(3) Business must have an innovative project		
(4) Business must demonstrate high growth potential		
(5) Other criteria - please specify:		

4.5 What approach is adopted to client management while firms are with the incubator? Please indicate which of the following arrangements apply:

Client Management	Yes
(1) Clients are monitored on a regular basis	
(2) No particular client management arrangements	
(3) Other arrangements - please specify:	

4.6 What criteria are used to decide when tenants should leave the incubator?

Exit Criteria	Quite Important	Very Important
(1) Companies can only rent units for a fixed period of time		
(2) Companies leave when they need more space to expand		
(3) Companies leave when they achieve agreed business objectives		
(4) Companies leave when they fail to achieve agreed business object	ives	
(5) Companies leave when they require support the incubator cannot c	ffer	
(6) No particular exit criteria		
(7) Other criteria - please specify:		

5 Evaluation of Incubator Services and Impacts

In the final section, we examine the way in which incubator services are evaluated and the nature of their impacts on local development.

5.1 What, in your opinion, makes the incubator an attractive location for businesses? Please rank the following factors in order of importance (where 1=most important factor and 4=least important factor):

Incubator Strengths	Ranking
(1) Favourable location and image	
(2) Quality, price and flexible terms for incubator units	
(3) Availability of professional business support services	
(4) Clustering and opportunity to network with similar businesses	
(4) Other factors - please specify:	

5.2 What methods, if any, are used to obtain feedback from clients and stakeholders on the incubator's services?

Feedback on Incubator Services	Tenants	Stakeholders
(1) Feedback via informal contact		
(2) Periodic meetings with clients and stakeholders		
(3) Periodic surveys of clients and stakeholders		
(4) Other methods - please specify:		
(5) No particular methods used to obtain feedback		

<u>Note</u>: If no survey work to obtain feedback from tenants (and graduates) has been undertaken, would you be willing to help organise a survey of some/all clients as part of this project?

Yes

Don't know

now

No

INCUBATOR QUESTIONNAIRE 5.3 How many people are currently employed by tenant companies? Please indicate the number of tenants falling into the following size bands (full time equivalent employees): 1-3 persons 3-10 persons 10-20 persons 20-50 persons 50-100 persons Over 100 persons 5.4 Where do most of the people currently employed by tenant companies come from? If possible, please provide an (estimated) breakdown for the total workforce: Not possible Source of Recruitment (1) Recruited from the immediate locality % (2) Recruited from elsewhere in the region % (3) Recruited from elsewhere in the country % (4) Recruited from other countries % 100 Total % 5.5 What is the turnover of tenant companies? If possible, please indicate the percentage of companies whose turnover for the past 12 months fell into each of the following bands: Not possible Turnover (1) Below 1 million euro pa (2) Between 1 and 5 million euro % (3) Between 5 and 10 million euro (4) Over 10 million euro Total 100 5.6 If possible, please indicate the turnover growth rates that tenant companies have typically achieved in recent years. Not possible Below 10% Between 10 and Over 20% 5.7 Where are tenant company suppliers mainly based? Local area Elsewhere in country Other countries 5.8 Where are tenant company competitors mainly located? Elsewhere in country Other countries Local area 5.9 How many businesses have 'graduated' since the incubator started operations? 5.10 Apart from business failures, why do companies leave the incubator? Please rank the following factors in order of importance (where 1=most important reason and 5=least important reason): Reasons for Leaving Incubator Ranking (1) Companies take on new staff and need more room to expand (2) Incubator units can only be rented for a fixed period of time (3) Companies find better and/or cheaper premises elsewhere (4) Other reasons - please specify:.....

5.11 Where have graduates, ie companies that have left the incubator, mainly moved to? Please indicate the most common destinations by ranking the following possibilities in order of their relevance (where 1=most common and 3=least common):

Destination of Graduate Firms

Ranking	
Natikity	

(1) Premises close by (e.g. science park)	
(2) Elsewhere in the local area	
(3) Elsewhere in the region	
(4) Elsewhere in the country	

5.12 How does the incubator contribute to local development? Please rank the following impacts from 1=most important to 6=least important:

 Contribution to Local Development
 Ranking

 (1) Helping to create new, high quality businesses
 (1)

 (2) Helping to improve the competitiveness of existing businesses
 (1)

 (3) Contributing to job and wealth creation
 (1)

 (4) Contributing to the devlopment of new products and services
 (1)

 (5) Contributing to the internationalisation of businesses in the area
 (2)

 (6) Other roles - please specify:
 (2)

Thank you for completing the questionnaire. Please return it to Jack Malan at CSES, preferably by e-mail (jmalan@cses.co.uk) or by fax (+44 1959 525-122) or post (Jack Malan, Centre for Strategy & Evaluation Services, P O Box 159, Sevenoaks, Kent TN14 5WT, UK).

Appendix

COMPANY QUESTIONNAIRE

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1 Name of Company	
1.1 Address	Street
	Town
	Country:
1.2 Contact name/position:	
1.3 Contact details:	Tel:Fax:
	E-mail
1.4 Incubator where company is/was located:	
Note: if your company has recently left the ir the questionnaire only.	ncubator, please complete Sections 2 and 4 of
2 Company Details	
2.1 What is the company's main business activity	? Please describe:
2.2 What is the company's legal status?	
Public entity Priva	te company Other
2.3 Is the company a subsidiary of another organi	sation?
	Yes No
2.4 How long has the company been located at th	e business incubator? Years
2.5 Wha twas the status of the company when it f	irst started operating at the incubator?
	Start Up Existing Firm
If the company was already trading when it mo	oved to the incubator, where did it come from?
Same area Elsewhere in	country Another country
2.6 Is the company's main site at the incubator?	Yes No
2.7 Does the company have operations eleswhere	Yes No
2.8 How many people does the company employed details for the last two years:	oy at the incubator location? Please provide
(a) Number of full time staff	1999 2000
(b) Number of part time staff	
2.9 How many people does the company employ	at other locations?

Appen	dix
r r	

COMPANY QUESTIONNAIRE	
2.10 What type of qualifications do your company's staff have?	
No qualifications Vocational qualifications Degree or higher	
2.11 Where do most of the company's staff come from? Please indicate the approximate proportion from:	
Same area Elsewhere in country Other countries	
2.12 What is the company's turnover? Please provide details (euro thousands) for the past 3 years:	
1998-1999 1999-2000 2000-2001	
2.13 What was the approximate value (euro thousands) of purchases made with local suppliers?	
2.14 Where are the company's main customers?	
Same area Elsewhere in country Other countries	
2.15 Where are the company's main competitors?	
Same area Elsewhere in country Other countries	
2.16 Approximately what proportion of the company's turnover is invested in R&D? %	
2.17 Approximately what proportion of the company's turnover is invested in training? % 3 Role of Incubator	
2.17 Approximately what proportion of the company's turnover is invested in training?	
2.17 Approximately what proportion of the company's turnover is invested in training? % 3 Role of Incubator	
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2.17 Approximately what proportion of the company's turnover is invested in training?	
2.17 Approximately what proportion of the company's turnover is invested in training? 3 Role of Incubator 3.1 Why did your company decide to obtain premises at the incubator?+B121 Reasons for Locating at Incubator Ranking (1) Favourable location and image	
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COMPANY QUESTIONNAIRE

Has your company been required to pay for professional services?

I ((

No	Yes	Don't know
If yes, do you think that the charges are fair?	Yes	No
If no, would your company be prepared to pay?	Yes	No

3.3 Please also rank the incubator's support services (where 1=most important and 4=least important):

Incubator Support Services	Ranking
(1) Secretarial and office services	
(2) Cleaning and maintenance	
(3) Meeting room(s), restaurant	
(4) Other support services - please specify below:	

3.4 How would you rate the incubator units in terms of price and quality? Please rank each of these factors on a scale where 1=excellent and 3=poor:

ncubator Space	Ranking
1) Quality of incubator units	
2) Rental charges for incubator units	

- 3.5 How important has the support provided by the incubator been to the development of your company? Please tick the box that best describes your view:
 - (1) Critical without the support, the company would not have been successful
 - (2) Important the support has been helpful bit not critical to business success
 - (3) Not very important the company would have do as well elsewhere

Please use the space below to explain how the incubator has contributed to your company's success and how the incubator might improve its services in the future:

..... **4 Graduate Companies** 4.1 When did your company leave the incubator? Year

B

COMPANY QUESTIONNAIRE

4.2 Why did your company leave the incubator? Please rank the following reasons in order of importance (where 1=most important and 8= least important):

	Reasons for leaving incubator	Ranking	
	(1) Tenancy was for a fixed term		
	(2) Company needed more room to expand		
	(3) Company found better and/or cheaper premises elsewhere		
	(4) Other reasons - please explain below:		
4.3	Where did the company move to?		
	Same area Elsewhere in country Another country	/	
4.4 At the time when the company left the incubator, how many people did it employ and how many people does it employ now?			
	Number of employees: When left incubator Now	/	
4.5	4.5 Looking back, howe important was the support provided by the incubator to your compa development? Please tick one of the following boxes:		
	(1) Critical - without the support , the company would not have been successful		
	(2) Important - the support has been helpful bit not critical to business success		
	(3) Not very important - the company would have do as well elsewhere		

INCUBATOR DEFINITIONS

NBIA (www.nbia.org): Business incubation is a dynamic process of business enterprise development. Incubators nurture young firms, helping them to survive and grow during the start-up period when they are most vulnerable. Incubators provide hands-on management assistance, access to financing and orchestrated exposure to critical business or technical support services. They also offer entrepreneurial firms shared office services, access to equipment, flexible leases and expandable space — all under one roof.

An incubation program's main goal is to produce successful graduates — businesses that are financially viable and free-standing when they leave the incubator usually in two to three years.

UKBI Definition (<u>www.ukbi.co.uk</u>): Business Incubation is a dynamic business development process. It is a term, which covers a wide variety of processes, which help to reduce the failure rate of early stage companies and speed the growth of companies which have the potential to become substantial generators of employment and wealth.

A business incubator is usually a property with small work units which provides an instructive and supportive environment to entrepreneurs at start-up and during the early stages of businesses.Incubators provide three main ingredients for growing successful businesses - an entrepreneurial and learning environment, ready access to mentors and investors, and visibility in the marketplace.

ELAN (French National Association) (<u>http://www.pepinieres-elan.asso.fr</u>): "Structure d'accueil, d'hébergement, d'accompagnement et d'appui aux porteurs de projet et aux créateurs d'entreprise. La pépinière est un outil de développement économique local. Elle offre un soutien au porteur de projet et au créateur d'entreprise jusqu'au développement de l'entreprise et son insertion dans le tissu économique." (Norme N.F. X 50-770)

EBN – **European Business Network** (<u>http://www.ebn.be</u>): The Business & Innovation Centre is an organic regional structure of support to innovative SMEs and entrepreneurs. Through this support, the BIC plays a vital role in the development of regional economies throughout Europe. The key objectives of BICs are to turn innovative entrepreneurial projects into successful businesses, adding long term value to regional economies.

UK Science Parks Association (<u>http://www.ukspa.org.uk</u>) (definition of a Science Park) A Science Park is a business support and technology transfer initiative that:

• Has formal and operational links with centres of knowledge creation such as universities, higher education institutes and research organisations.

INCUBATOR DEFINITIONS

- Provides an environment where larger and international businesses can develop specific and close interactions with a particular centre of knowledge creation for their mutual benefit
- Encourages and supports the start up, incubation and development of innovation led, high growth, knowledge based businesses.

ADT – (<u>http://www.adt-online.de</u>): Der Begriff "Innovationszentrum" fasst sowohl Technologie- und Gründerzentren als auch Wissenschafts- und Technologieparks zusammen.

Entscheidend sind die Ziele und Aufgaben, die Innovationszentren realisieren. Im Mittelpunkt steht, dass sie günstige Rahmenbedingungen für die Konzept-, Start- und erste Entwicklungsphase junger, insbesondere innovativer, technologieorientierter Unternehmen schaffen und darüber hinaus günstige Bedingungen für ihr weitergehendes Wachstum gestalten. Dies geschieht überwiegend in drei Hauptfeldern:

- 1. Beratungs- und Unterstützungsleistungen für Unternehmensgründer und junge Unternehmen, Begleitung der Unternehmensentwicklung, Einbindung in das Kontakt- und Kommunikationsnetzwerk des Zentrums etc.
- 2. Ein differenziertes Angebot an Infrastruktur für die Unternehmen in den verschiedensten Bereichen, z.B. vom temporär mietbaren Konferenzraum bis zur Präsentationstechnik, von Telekommunikation und Internetanbindung bis zu Laborausstattung, von klassischen Dienstleistungen wie Empfang, Postservice bis zu Projektmanagement etc.
- 3. Ein Angebot an Räumlichkeiten für den Start und die erste Entwicklung der Unternehmen in hoher Flexibilität hinsichtlich Zeit, Größe und Konditionen entsprechend deren Entwicklung.

Innovationszentren realisieren diese Grundaufgaben im Idealfall aus einer Hand mit hoher Effizienz und unter Einbeziehung eines Netzwerkes von Experten und Partnern.

CASE STUDY REPORTS

As part of the Phase 2 research, CSES carried out visits to Managers Group incubators. Reports on the case studies are bound separately.

The purpose of the research was to:

- Examine the way in which different incubators operate;
- Identify key 'headline' and 'operational' indicators, and best practice;
- Obtain feedback from companies on the benefits of an incubator location;