



equity fingerprint
the business[®]

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Please note: all information has been obtained from public data sources.

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Financing sustainable businesses

Poor understanding of sources of finance leads to much time being wasted by investors and entrepreneurs and holds back business start-ups and development to the detriment of the local cluster and national economy.

Different sources are appropriate at different stages in the enterprise's development and can include:

- personal savings/credit cards
- family and friends
- grants
- business angels
- venture capital
- banks
- corporate venturers

The Equity Wheel and Equity Fingerprints are tools to help you understand how to maximise both the value of your business, and your share of that value



The Equity Wheel

The Equity Wheel is a way of thinking about the value of the business and its distribution

The size of the Wheel represents the size of the business

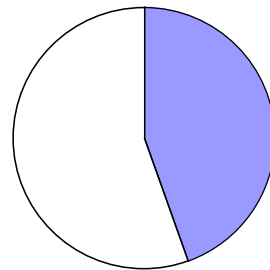
r , the radius of the Equity Wheel, increases as the value of your business increases

θ is the percentage of the business that you own.

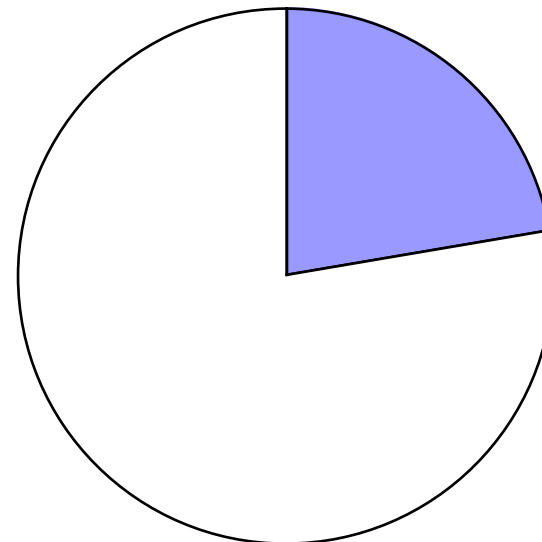
As the number of shareholders increases, your percentage of the Equity Wheel decreases

Complete control, $\theta = 360$, is important to some people. But if you want a large r quickly you may need to share the Equity Wheel to raise money and build a good team. As the founding entrepreneur, you need to decide how to balance the forecast increase in r against your share of the value θ

small r ,
high θ



larger r ,
smaller θ

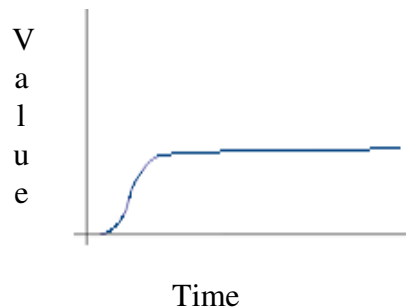




Implications of θ and r

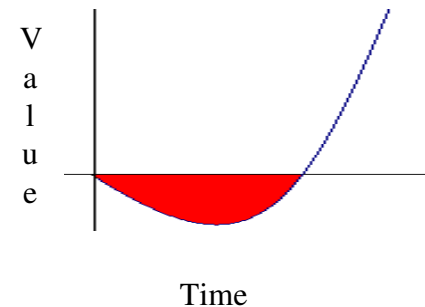
Example 1: Consultancy companies are ‘soft start’ companies, i.e. they can initially grow quickly without the need for much investment: However, subsequently growth tends to slow, and so they are good for the founder’s θ , but bad for r

Likely outcome: keep the company and run it as a ‘lifestyle’ business



Example 2: Technology companies need funds to develop and sell the product and to build the team. Money usually comes from friends and family, ‘angel’ investors and venture capitalists who are sold shares in the business. This is great for r but potentially bad for your θ

Likely outcome: pressure to sell or launch on stockmarket.





The Entrepreneur's Dilemma

If you, the entrepreneur, need to raise £10m to start a new business why do you not raise it all on day one? The answer is that you would end up with little or no equity. This is the role of the professional manager who is well paid and part of a large plc. The sort who values pensions and company perks. The sort of person who will one day buy your company.

The entrepreneur has to take a different approach:

- Stage 1 Form the team, focus on the idea
- Stage 2 Start small. Sell 33% of the business for £50k to FFF (friends, family and fools!). Then you develop the product, find customers, etc.
- Stage 3 The business is more than a gleam in the eye. Now you seek £500k from Business Angels for 33% of the now more valuable business
- Stage 4 Customer orders, experienced managers want to join the party. The value of the business increases again and now you raise £5m for 33% of the business
- Stage 5 All goes well and you receive an offer for £100m. Do you stay or do you go?

Of course, there are many sources of funds available and equity funds should be used with grants, customer advances, etc. But you also need to consider equity for key people, share options Was that 30% pre or post valuation?



Understanding Equity Fingerprints

The Equity Fingerprint of a business focuses on the points of major change when entrepreneurs accept dilution of their equity stake in exchange for the resources required to accelerate development and growth.

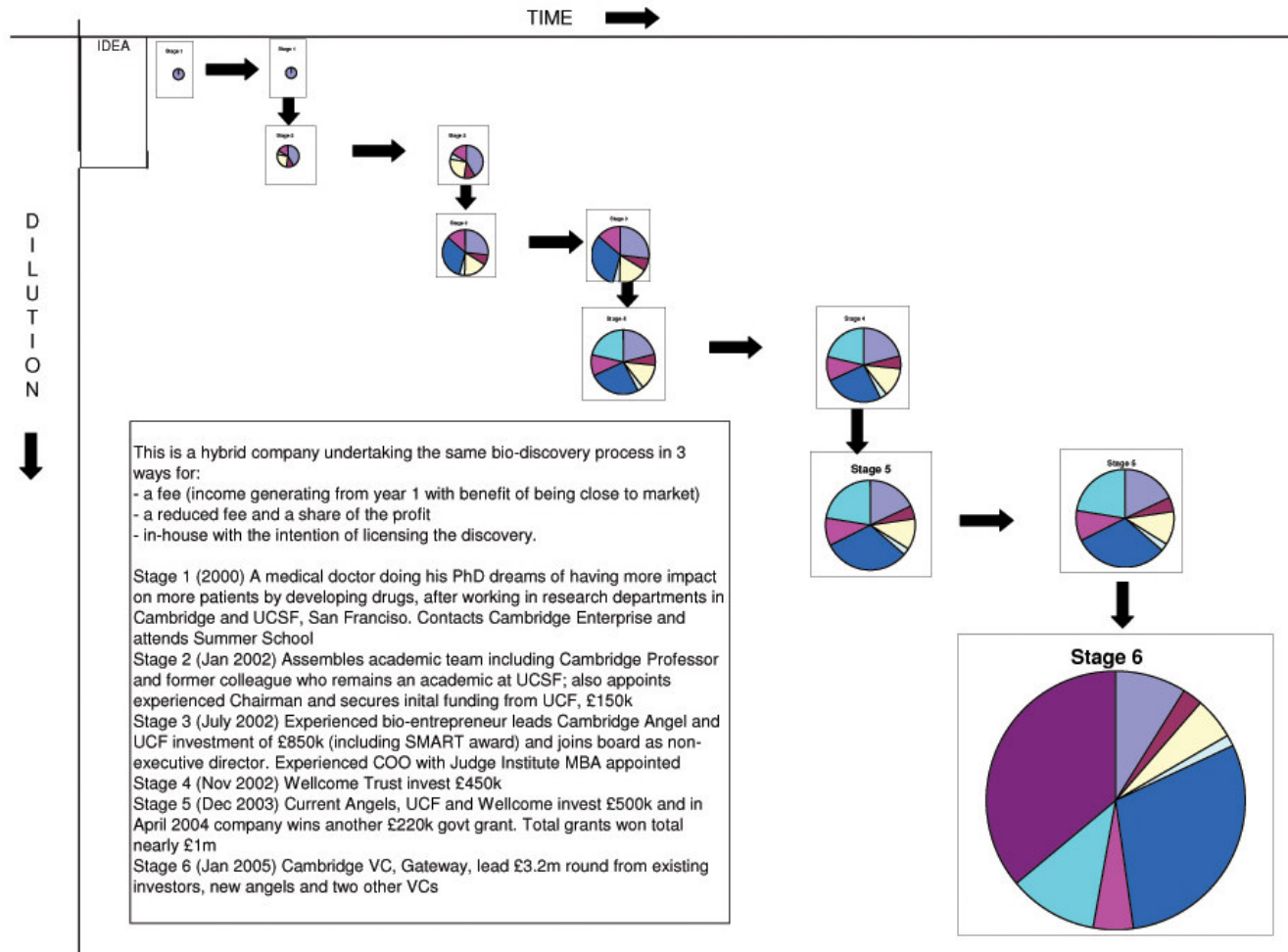
In the following slides, the Equity Fingerprints of several companies are discussed, highlighting some of the factors which influenced their investment decisions:

- Daniolabs - 'soft-start' company with founder/Angel funding
- Baddeley Associates - organic growth
- BioRobotics - hybrid revenue streams
- Active Booking Company - building a £100m business with Angels and VCTs
- Cambridge Silicon Radio - a VC's dream

Note: the size of the Equity Wheel is relevant only within each illustration, and should not be compared across examples

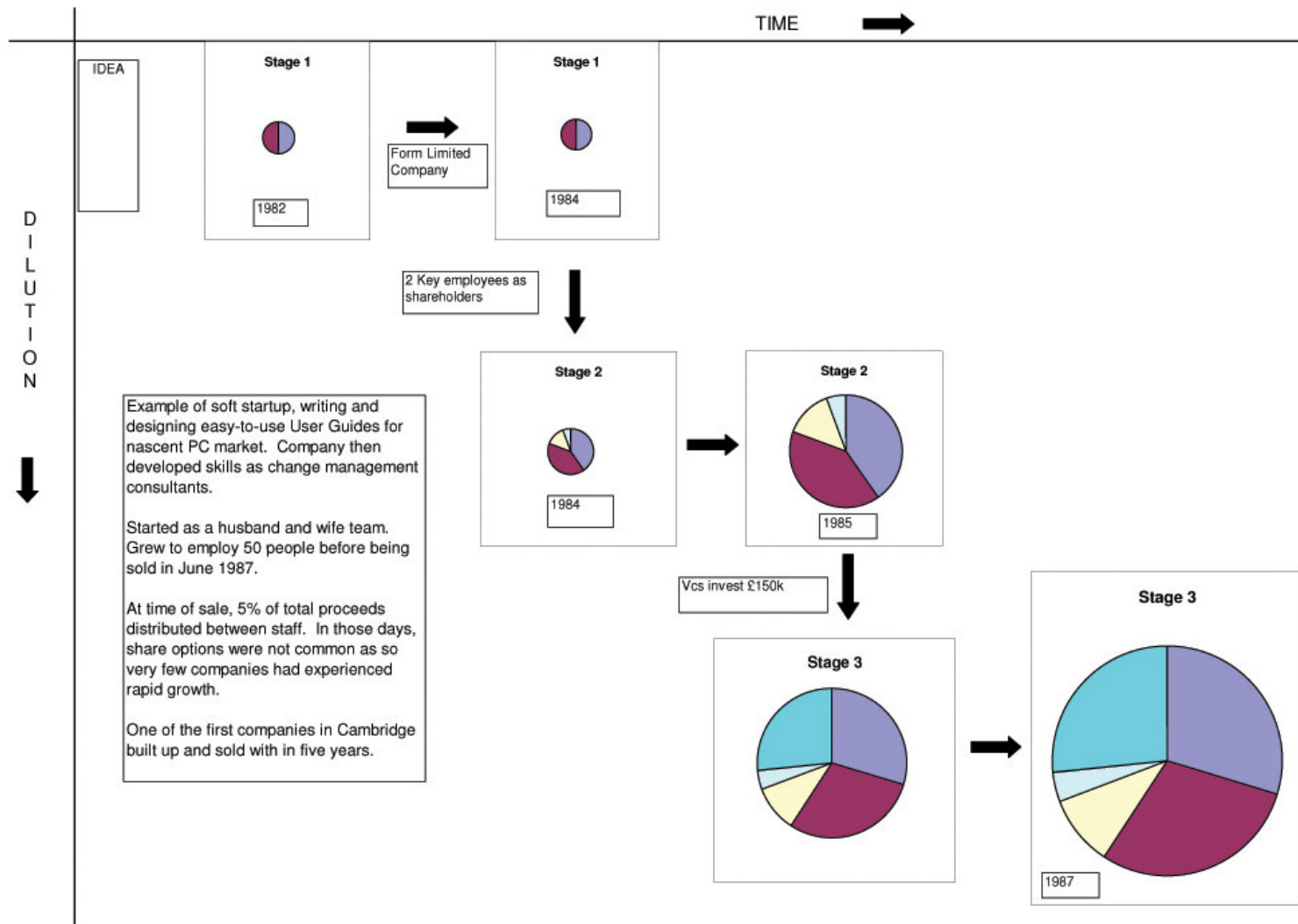


Example: Daniolabs



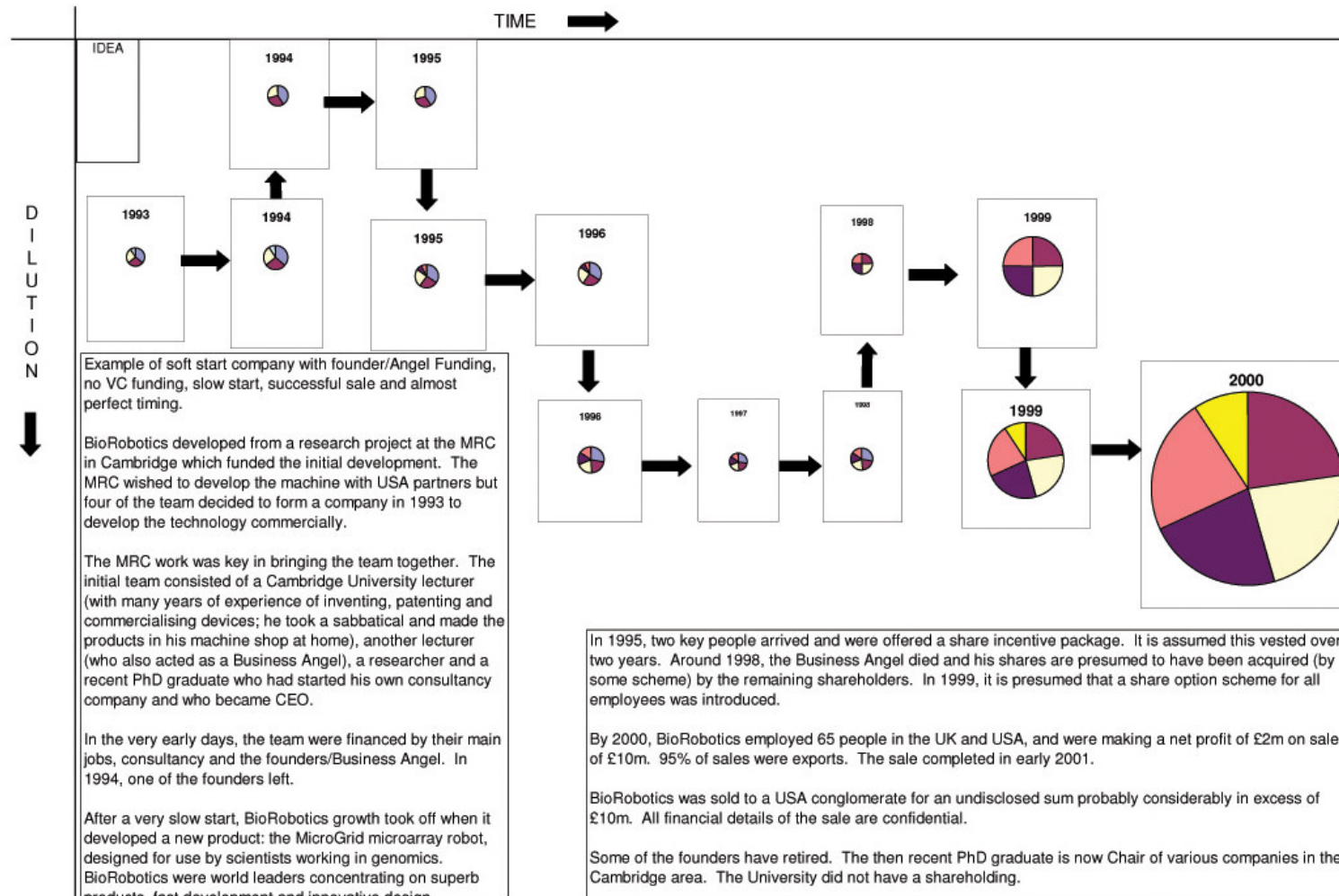


Example: Baddeley Associates Limited



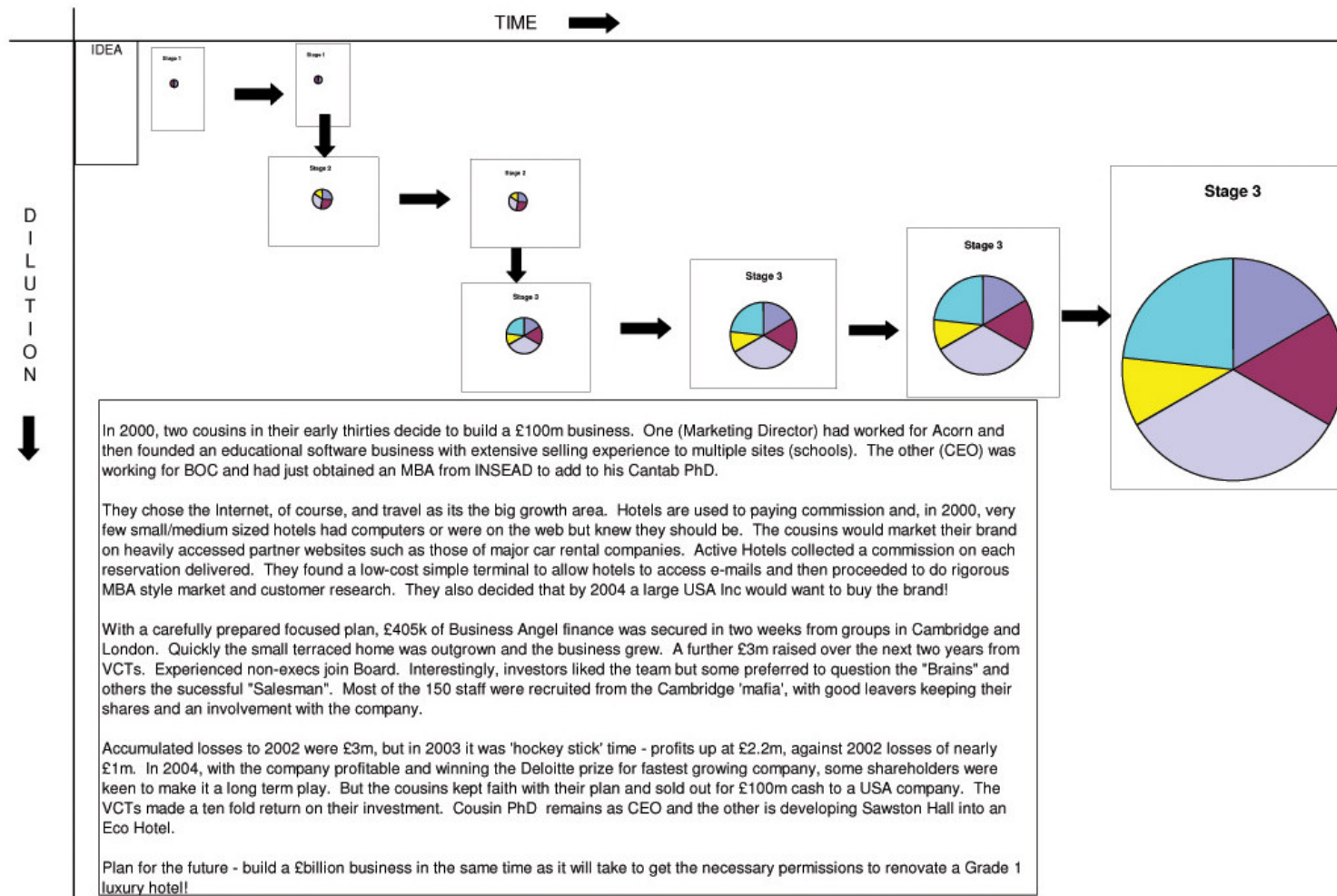


Example: BioRobotics Limited



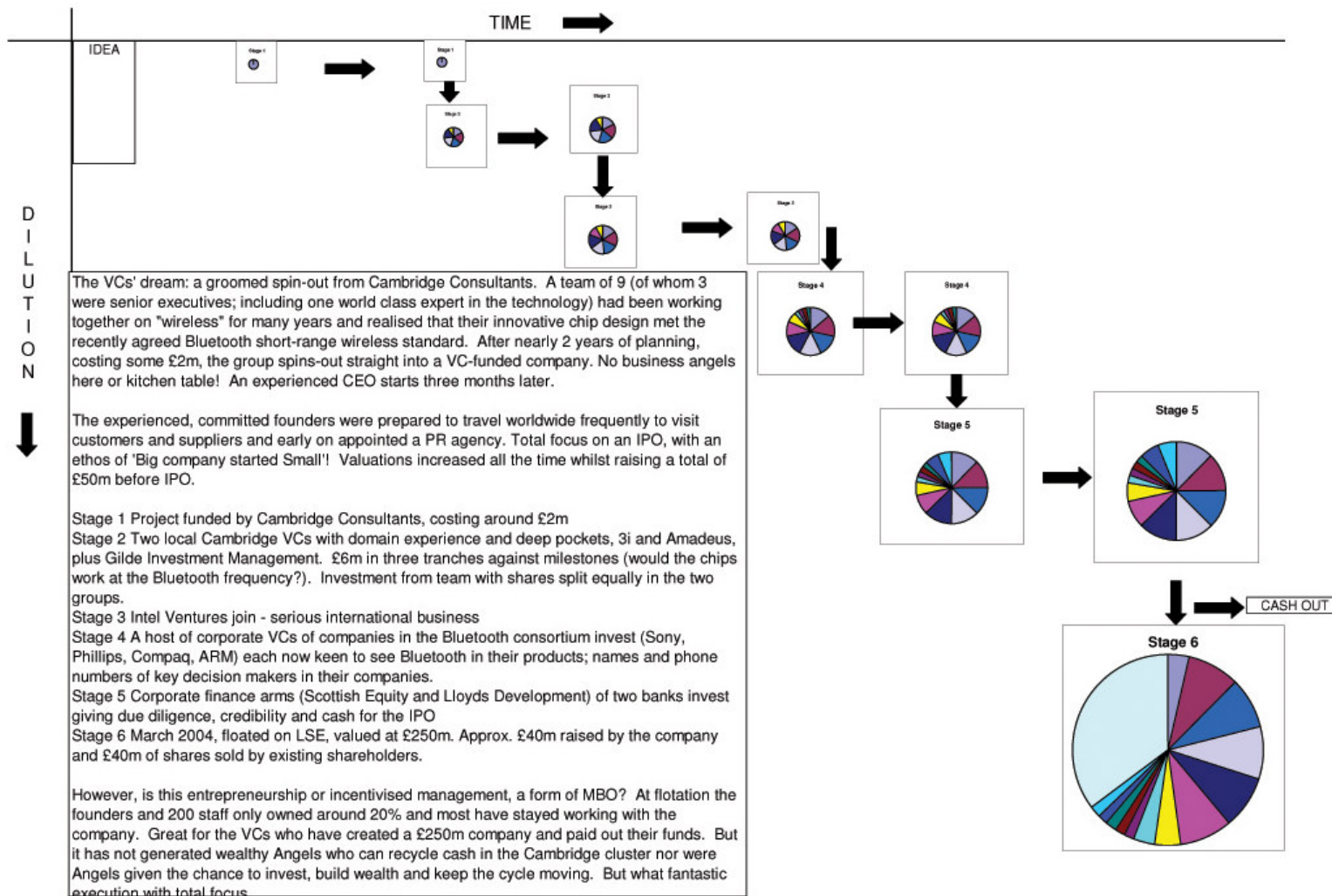


Example: Active Hotels Limited





Example: Cambridge Silicon Radio





Supping with the Devil

As the examples show, VC funding is by no means a pre-requisite for building a successful business

“Venture capital money is highly combustible, and it can either propel you to heights of unimaginable fame and glory (Google, EBAY, etc.)—or it can blow up in your face and destroy you (Kozmo, WebVan, etc.).”

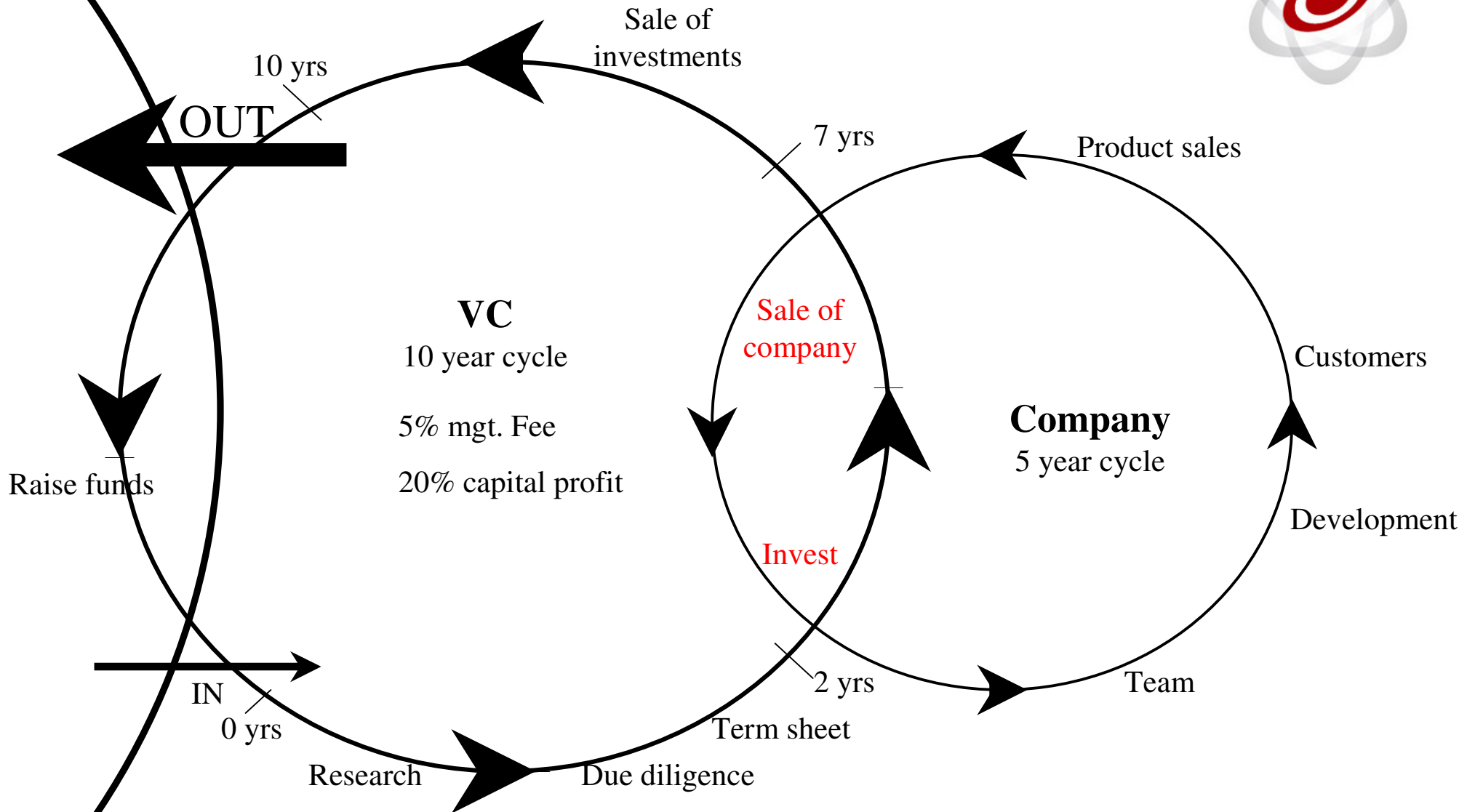
Jason Calacanis of Weblogs, Inc

VCs invest in a particular type of company that fits their investment cycle. Many good companies are not suitable for VC investment

Even if an entrepreneur has a good team and good track record, it can still take 100 meetings with many VCs before securing term sheet

KISS principle (Keep it simple, stupid) always applies: legal complexities can cause misunderstanding, so use plain English and do not re-invent the wheel (BVCA model document project)

The Venture Capital Cycle

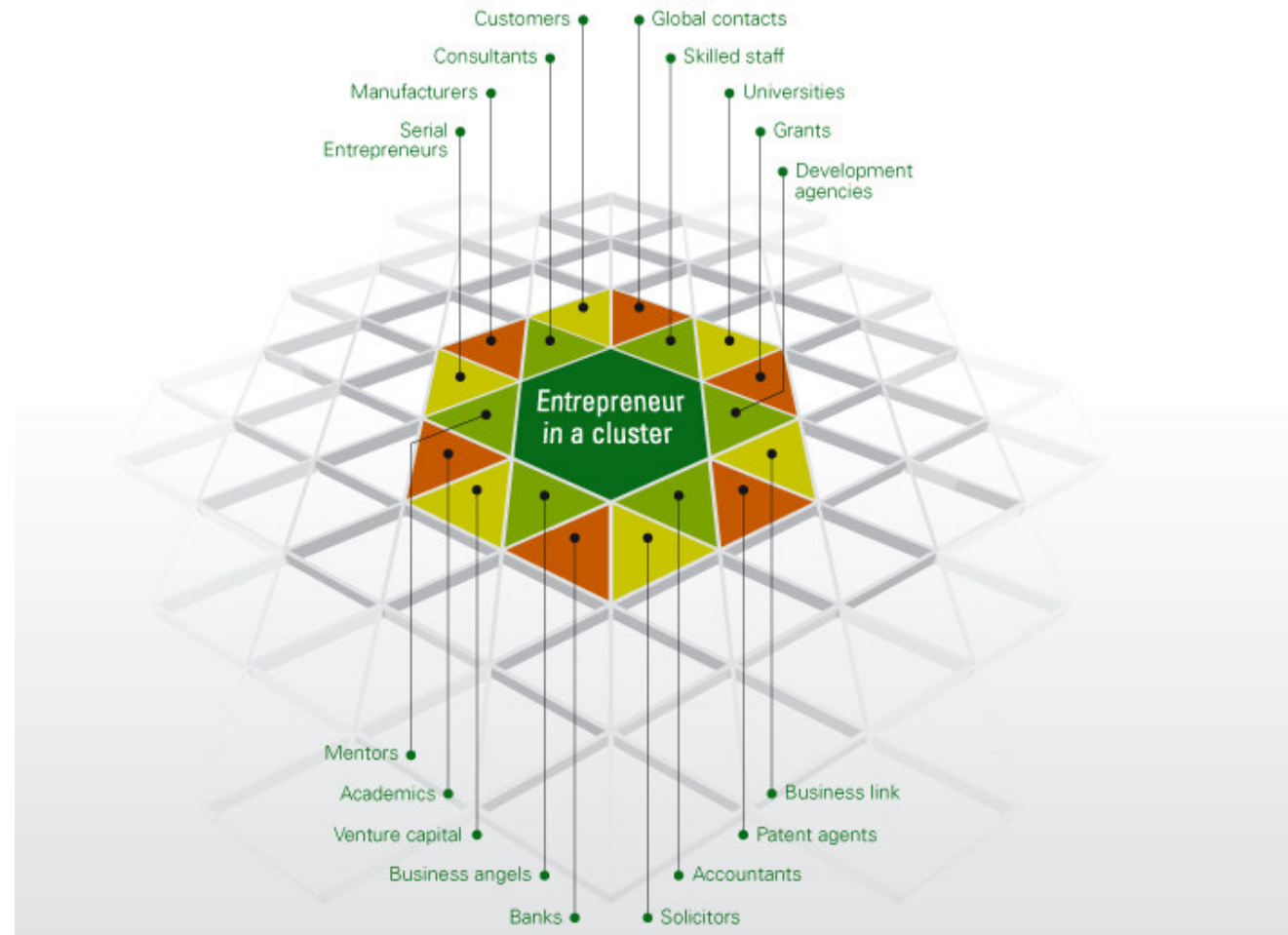




Advantages of working in a Cluster

Note that all of the examples above were Cambridge start-ups, and benefited from the special combination of expertise and capital which is only found in a 'cluster'

Being based in a cluster gives you an immediate headstart - be sure to exploit the insight and knowledge of those who've succeeded (or failed!) before you





Final thoughts

- Be clear what you want to spend the money on. Investors often back specific projects rather than working capital
- Decide what type of partner you want: hands on or off, partners with relevant expertise, deep pockets, long or short term views etc. As a partner they can have a big influence over the way your business grows
- Anticipate the total amount you are likely to need to give the business a good chance of success. Unless you can get to breakeven within the limits of the first fundraising, you may well have to come back to the investors for more. If that becomes difficult the later investors can often more or less wipe out the early ones
- Think through future problems arising from the nature of the finance. If you accept a tranche of loanstock then the holders get their money back before any equity investors, perhaps deterring later equity investment
- Investors often expect the entrepreneurs to put additional money in each time there is a fund raising round. Make sure you will be able to continue to support your company yourself, or other investors may pass on future rounds
- Remember: a smaller percentage of a much bigger cake can be more valuable than a big percentage of a small cake. Always make sure you have raised enough money so that you don't risk running out and being on the back foot.

For further information on equity fingerprinting, visit www.yoef.com or email philip@baddeley.com