# **Introduction into Business Plan Writing**

### **Ulrich Kaiser**

University of Zurich

Sept. 24, 2010

### **Sources for this lecture:**

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- McKinsey & Company, Inc. (2002), Planen, gründen, wachsen: Mit dem professionellen Businessplan zum Erfolgs, ueberreuter redline Wirtschaft. [MK]
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   http://www.mbpw.de/fileadmin/Redaktion/Standard Dateien/e Han dbuch MBPW.pdf

# Why a business plan?

- Forces you to think deeply about your business idea
- Helps you to detect flaws of your idea and execution and to fix them efficiently and in a structured way.
- Forces you to reach decisions and thereby also to proceed in a focused way.
- Central means of communication between
  - investors
  - employees
  - founders
- Provides an overview of the resources required and helps detecting financing gaps.
- Almost costless "dry run" before getting serious.

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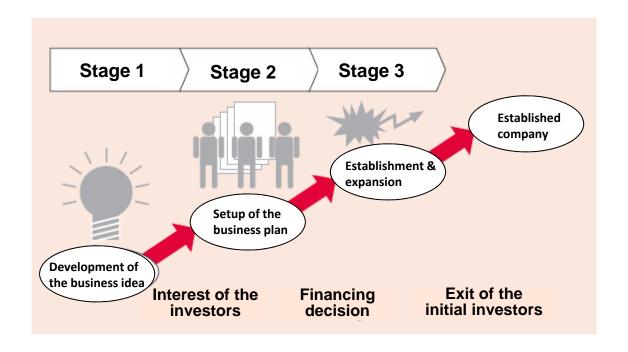


Ulrich Kaiser

# Why a business plan?

No business plan, no funding

### Time line



**Source: HO** 



# Three elements of a successful firm foundation:

Idea

**Team** 

**Capital** 

**Introduction into Business Plan Writing** 

### The business plan as a decision making tool; key aspects:

- Can we make money out of it?
  - How much money?
  - How?
  - Investments

■ IRR? NPV = 
$$\sum_{t=0}^{n} \frac{C_t}{(1+\bar{r})^t} = 0$$

#### Attributes of an effective business plan should look like:

- Meaningful: contains all an investor needs to know no more, no less
- Structured: clear structure
- Understandable: clear and simple language, no tech talk, no jargon, nothing of central importance left out
- short: max 30 pages incl. Appendix
- reader friendly: pitch 11, line break 1 ½, 2.5 cm margin
- Appealing: charts and tables are simple and clearly laid out; no PowerPoint shows and gadgets

#### **Summary business plan**

10-15 pages
Early stage; test the waters; see if interest can be caught

#### Full business plan

25-35 pages
When funding is
needed; blueprint for
firm's operations

# Operational business plan

40-100 pages
Internal audience;
blueprint for operations;
guidance for operational
managers

Source: BI

# Players the business plan caters to:

Audience	What They are Looking For
A Firm's Employees	A clearly written business plan, which articulates the vision and future plans of the firm, helps the employees of a firm operate in sync and move forward in a consistent and purposeful manner.
Investors and Other External Stakeholders	A firm's business plan must make the case that the firm is a good use of an investor's funds or the attention of other external stakeholders. The key is to include facts generated through a properly conducted feasibility analysis. A business plan rings hollow if it is based strictly on what an entrepreneur or team of founders "thinks" will happen.

Source: BI

### The business plan may help to...:

...think about the risks associated with your business

...think about the unforeseeable; devise strategies

...assemble first budgets

...test your idea

...the investor is the hardest examiner – wants to limit own risk

#### The business plan as a decision making tool; key aspects:

- What is the value added for consumers? What problem does the idea solve?
  - What need in what form (product, service)
  - Unique Selling Proposition
- What is the market?
  - How large?
  - What target groups?
  - Differentiation to competitors?

#### **Consumer utility**

- Founder: solution; investor: market
- The product/service as a vehicle to consumer satisfaction is central, not the utility itself
- Compare to existing products; keywords: cheaper, more flexible, safer, more reliable, more handy, nicer, smaller, more easy to use, lighter, faster
- Express consumer utility in numbers

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- USP:
  - an offer that makes sense (selling proposition)
  - Unique my solution from the consumer's perspective

#### Market

- How large?
- Target group?
- Verify your statements by stating the assumptions!

#### **Differentiation**

- Direct competitors producers of direct substitutes (Lätta and Becel)
- Indirect competitors producers of indirect substitutes (Lätta and Kerrygold)
- Show you identified your competitors
- Show you understand the business model of your competitors

### Money making potential

- Make rough estimates of your costs and earnings
- Justify your estimates
- State the assumptions
- Rule-of-thumb: a gross margin of 40-50% during start phase

#### **Presentation**

- Killer criteria
  - Does the idea fulfill a consumer need?
  - Is it innovative?
  - Does it have a clear focus?
  - Is it profitable in the long run?
- What is the amount of effort you invested already?
- Be clear and concise!
- Details and detailed cash flow statements are not urgently relevant

### **Good writing:**



Wolf Schneider: Deutsch für Profis. Wege zu gutem Stil. Broschiert - 268 Seiten -Goldmann, Erscheinungsdatum: 1999, ISBN:

3442161754,

### Sell your idea:

- Say: "I have an idea for reducing fuel consumption by 10 percent for a tractor park of 100. My own price and cost analyses make me convinced that a margin of 40 percent is realistic. I have spoken to X and Y about possible distribution channels"
- Don't say: "I have an idea for an engine that runs on rape oil. The transmission mechanism is mechanically very demanding but I solved the problems by using a cardan shaft and a computer-automated way of ignition that processes 1,000 pieces of information per second".
- Don't say: "This is an brilliant idea. It has huge market potential. You will make a lot of money."

#### Questions you should be able to answer yourself:

- **Problem solution:** What problem does your idea fix? What exactly is the innovation behind your idea? In what sense is your idea unique? Can it be protected by IPR?
- **Market:** Who are your customers? Why should a consumer buy your product? What need if met? How will the product be distributed?
- **Competition:** What is the competitive advantage of your firm? Why can't competitors not just copy it? Why is your product better than alternatives?
- Money making potential: Where is the money making potential? What are your costs and what are your prices?

### Charts, figures, tables

- Max. four figures
- Only if absolutely necessary 2.
- Referenced in the text! 3.
- Simple and clear presentation 4.
- Consistent formatting

### **Business idea description**

### Title page:

- Product/service name
- Names of founders; addresses
- 3. Date
- Confidentiality statement

#### 2. **Text**

- 2-5 pages
- Clear structure, subtitles and indention

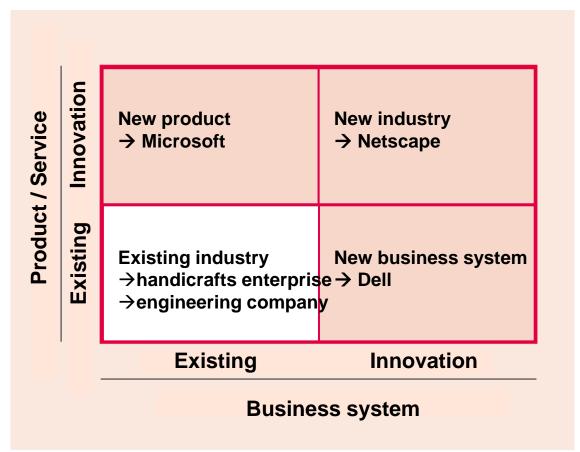
**Elevator speech** 

http://www.youtube.com/watch?v=Tq0tan49rmc&feature=PlayList&p=F463EB968A6B52BB&index=5

### **Structure**

- **Business idea**
- **Business team**
- Marketing 3.

#### **Innovative business ideas:**



**Source: HO** 



What? Idea – problem solution, new product or service

#### Main questions to ask:

- Does the idea have consumer appeal?
- What should my founding team look like ideally?
- Where do I find "seed money"

What? Turn idea into a business plan

#### Main questions to ask:

Investors not only invest in the idea but (mainly) in the people behind it:

- Do I really want to put an investor into the co-pilot seat?
- Do I have the required strength and experience?
- Do I have the right communication skills?
- Do I have the will to turn my idea into a successful business?

### More questions to ask:

- What consumers do I want to target?
- What price to ask for?
- Where to establish my business?
- Make or buy?

#### **Information sources**

- Suppliers and customers
- Salespeople and intermediaries
- Technology experts/product developers
- Lawyers, public trustees, bankers

#### Main advises:

- See the big picture
- Focus on "the big think", not the details!
- Speak to people inside and outside your team

### The business plan may help to...:

...think about the risks associated with your business

...think about the unforeseeable; devise strategies

...assemble first budgets

### Financing:

- Cost for earning a livelihood of the team members
- Rudimentary production
- Prototypes

#### You have now:

- had an idea
- checked the idea for its plausibility
- checked its degree of innovativeness is it truly novel? Is it protected already?
- discussed your ideas with friends, family, experts, potential customers
- thought about the timing

### Sell your idea:

- Put yourself in the shoes of the investor
- Make her feel you think as she thinks (you probably should anyway)

Questions you should be able to answer yourself:

- **Problem orientation:** What problem is to be solved? What consumer need is fulfilled? What (quantifiable) consumer utility is obtained?
- Offer: What product or services do you want to sell? What is it that you offer exactly? Where is the innovation? How can it be applied?
- Development stage: At what stage of development currently is your product/service?

#### Questions you should be able to answer yourself:

- **Life cycle:** For how long will your product meet strong demand? What development steps do you expect? How do you plan to further develop your product or service? How large have development costs been so far?
- Imitation: In what sense is the idea unique? How to protect it?
- Property rights: Who owns the concept, materials, marketing rights? Is the product/service approved?

### Why found as a team:

- Complementary skills
- Labor division
- 3. **Better solutions**
- Investors like to invest in teams

Demonstrate the investor that you all are 100% supportive!

Errors can by analyzed and avoided by the team. This procedure reduces the danger of getting on the wrong track. Everybody brings in Control/fault different competencies into analysis the team. Division of labor A universal genius is not Competencies needed. Tasks can be assigned in Advantages of accordance with personal competencies. an entrepreneurial team Flexibility Network Networks are important. Sickness or absence is not A team has a bigger network a catastrophe because team Support than a single person. members can stand in for you. All are in the same boat and team members can provide mutual assistance

in case of need.



Source: BT

# Investors invest in people, not so much in the idea!

### **Complementary skills**

- 1. Select people that can do things you can't do
- 2. Soft skills and hard skills

### **Course correction:**

- You will need to make adjustments to your initial plans; a team will make it easier to detect false tracks and to change course
- Train presentations before a critical audience
- Better analysis of presentations in a team 3.
- Better accessibility in teams 4.

A team is more than the sum of it's pieces.

### Why not more team foundations?

- We are educated as solo players
- Bad experience in teams 2.
- Need to share benefits 3.

### What makes a good team?

- Complementary skills and strengths
- Shared vision
- 3-6 team members
- Flexibility 4.
- Stick together in good and bad times
- Tenacity 6.

### The investor's view:

- 1. Personality, hard and soft competences determine the investment decision to 80 percent
- 2. Send positive signals! If you are not excited about your idea you may get in trouble attracting employees and customers
- 3. Show the investor where your strength and weaknesses are

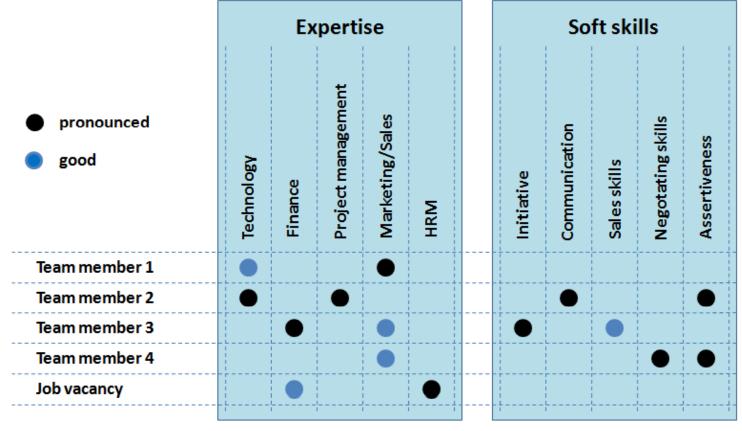
### **Presenting the team to investors:**

- Put yourself in the shoes of the investors
- Describe the relevant skills of the team members
- Say if you have worked together before
- Present the team as a whole; what is the role of each member?, who owns what share?
- Milestones in CVs (education, practical experience, stays abroad, leadership experience, relevant hobbies and achievements)
- Max 1/3 page per member
- 7. Full CVs in the Appendix

### Questions you should be able to answer yourself:

- Who are the members?
- Why do we make a great team (experience, education, previous success, reputation)
- Why relevant for the business in question?
- Did we work together before? 4.
- Did we decide upon the ownership structure?
- If team incomplete how to fill the vacant position?

### The investor's view:



Source: MK



### How to hire:

- Friends & family, friends of friends
- Coaches
- **Venture Capitalists**

Money:

Get ownership structure straight right away and definitely before speaking to investors!

### Money:

- 1. Allocate according to current and future commitment to the firm
- 2. The team member who had the initial idea may get more
- 3. Same for executive

### **Elements of the marketing plan:**

- 1. The market and competition
- 2. Targeting a submarket
- 3. Determine marketing mix

### **Key questions:**

- How large is the market?
- How fast does it grow?
- What does characterize the market?

### **Existing market**

### New market

### Situation

Improved product in an existing market. Market data is available and published in business journals, official documents or on the internet.

New product in a new market, no data available.

### **Proceeding**

- Gather statistics from diverse sources.
- Check if the data is consistent and plausible
- Extrapolate market growth by means of historical data

- Do market research (e. g. survey)
- Estimate market size by means of demographical data and survey results
- Logical deduction of the estimation and clear differentation between data and assumption

**Source: BT** 



### Market size and growth:

- Key figures: # customers, # units sold, total sales
- Hard to come by for new markets, easier for established markets
- New markets: need to conduct own market research

### How to estimate:

- Clearly state the assumptions behind your estimates
- Make things comprehensible
- Check sources
- If you can't get what you want, take the second best number
- Does it make sense?

### **Example: diaper consumption**

- Base: population of 7.3, life expectancy 80 years
- Assumption: diapers worn 2 years
- # children waering daipers: 2/80=2.5% of the population, 180,000
- Assumption: 5-7 diapers per day → 0.8-1.4 mio. Diapers (correct: 1.15-1.25 mio.)

Source: MK

### **Competitive situation:**

- What are the main players in your market?
- What are their strengths and weaknesses?
- How long will it take until my idea is copied?
- Is my idea copy able and how much effort does that take?

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### **Targeting a submarket:**

- Who are your customers?
- What consumer groups are particularly attractive?
- What differentiates your product from competitor's products?
- What market share do you expect to reach in your targeted segment?

### **Segmenting consumers:**

- Sort according to criteria that make your customers homogeneous
- Helps you to target your marketing
- Helps you to design your marketing mix
- Helps you to position your product

### Total market

### Segmentation

### Competitors

### **Positioning**

- Total revenue
- Number of potential customers
- Total sales volume
- Expectations about the future
- Divide the market into homogenous subgroubs
- Possible criterias:
  - geographic
  - demographic
  - Behaviour
  - Lifestyle
  - ...
- Develop different marketing strategies for all subgroups

- Overview and listing of the competitors
- Analysis of the:
  - Target group
  - Product
  - Market share
  - Growth
  - Cost item
  - Distribution channel
  - ..
- Swot analysis

- Differentiation from the competition – design of a USP
- Distinct positioning compared to the competition

**Source: BT** 



### Selection of the segment

# Purchase criterion 1 Potential customers Purchase criterion 2 Target segment

A, B, C = competitiors

Source: BT

### **Evaluation criteria**

- Size and growth of the segment
- · Profitability of the segment
- Conformity of product and customer needs
- Possibilities to differentiate the own product from the competitors' products
- Intensity of the business competition
- Market risk
- Customer structure



### **Relevant criteria:**

- Segment size
- Segment growth
- Congruence between product and customer needs within a segment
- Differentiation of own product compared to competitors

### Relevant criteria - details:

### **Consumer goods**

- Geography: country, population density
- Demography: age, gender, income, occupation, firm size
- Lifestyle 3.
- Behavior: how many times used, used for what
- Shopping behavior: brands, price sensitivity

### Relevant criteria - details:

### **Capital goods**

- Demography: firm size, sectors, location
- Operations: technology
- Purchasing behavior: central/decentral, criteria, contracts
- Situative factors: urgency, order size

### Questions you should be able to answer yourself:

- How large is the market?
- How fast does it grow?
- How good is the match between product and consumer needs
- How well are we differentiated form other goods?
- Why should a consumer buy my stuff rather than someone else's?

http://www.youtube.com/watch?v=P4JAbsYq8jE&feature=fvw

### **USP:**

- Offer that is anchored in the brain of the customers
- Central job of marketing to formulate a USP
- Put yourself in the shoes of the consumers
- Differentiate yourself from competitors

### Successful positioning:

- Relevant consumer needs identified
- Clearly defined consumer segments
- Proficient offer of product and services
- Uniqueness
- Cater to the subjective perception of consumers
- Ensure after sales consumer satisfaction

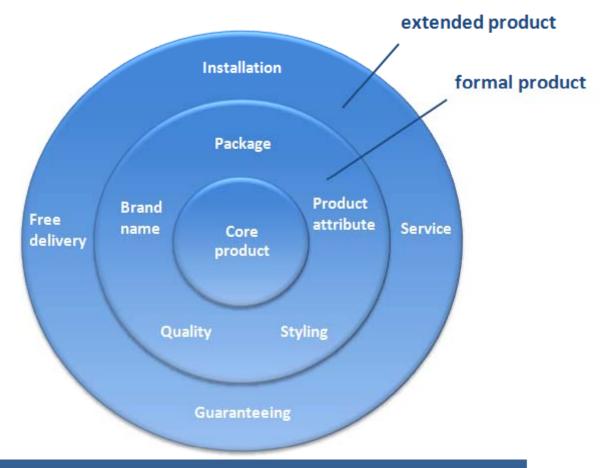
### Marketing mix:

**Product:** product characteristics

Price: price charged, pricing strategy

Place: how to deliver?

**Promotion:** how to communicate?



Does the overall product satisfy customers' needs?

**Source: BT** 



### **Product**

- 1. Does our product meet the needs of my target segment?
- 2. Do we want to deliver a uniform product or do we want to deliver smth. That caters to specific (sub-) groups?

#### **Price:**

- 1. What price for our offer?
- 2. What pricing strategy?
- 3. How to determine prices?
  - 1. P=mc+markup
  - 2. Markup determined by competitive situation!
  - 3. Make profits!
- 4. Pricing strategy:
  - 1. Low price, high market penetration (standards)
  - 2. High price , high absorption (high investment risk)

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Primary price factors

Logic of determination

Result

Cost-oriented pricing policy

How big are the costs for the product? + profit

Customer-oriented pricing policy

What is the customer willing to pay?

Competition-oriented pricing policy

What price does the competition charge?

Demand-oriented pricing policy

What is the profitmaximizing price-volume combination? **Price** 

**Source: BT** 



#### Place:

- How do we want to sell and why that way?
- How many potential customers?
- Private consumers or firms?
- What way of shopping do they prefer?
- Does the product need to be explained?
- Upper or lower price segment? 6.
- Make or buy of distribution?

#### **Distribution:**

- Direct: costly, excellent monitoring
  - Own shops 1.
  - Own agents: costly, only if products are complicated
  - Direct mail: data banks for consumer segmentation 3.
  - Call centers: broad public, outsource
  - Internet: low costs, no counseling, target group 5.

#### **Distribution:**

- Indirect:
  - Retailers; hard to get in, which shelve? 1.
  - External sales agents; hard to find good agents, costly if successful, cap on risks
  - Franchising: fast regional growth, low investments 3.
  - Gross trade: high margin, simplifies contact to retailers 4.

#### **Promotion:**

- Attract attention
- 2. Inform
- Convince
- Establish trust

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#### How to get your message across:

- Classical advertising: print media, radio, TV, cinema
- Direct marketing: direct mail, call, online 2.
- PR: <a href="http://www.blacksocks.com/news.php?lang=d">http://www.blacksocks.com/news.php?lang=d</a> 3.
- Trade shows, fairs 4.
- **Customer visits**

#### Questions you should be able to answer yourself:

- 1. Market overview: potential size, volume, volume in relevant submarket, success criteria, why buy (quality, service, advice, price, innovativeness, environmental friendliness)?, is the market cyclical, what external factors affect the market?
- 2. Market segmentation: most important submarkets & customers?, who do we cater to with our offer?
- 3. Customer structure: customer characteristics, purchase habits, why this sub-segment?
- 4. Market trends: what are the current and future trends?, how will we react?, what are the growth rates in our target markets?

#### Questions you should be able to answer yourself:

- Competition: hardest present competitors?, hardest future competitors?, what is our market position, strengths and weaknesses
- 6. Marketing strategy: what market share do we want to achieve?, how do we differentiate us from competitors?, is there a USP, is it well defined?
- 7. Marketing-Mix: what properties does the product have?, can we quantify consumer utility?, what pricing strategy, price discrimination?, what distribution channel?, how to reach customers, expenses for marketing

#### **Information sources:**

- Market analyses
- Interviews with experts, consumers, suppliers 2.
- 3. Media
- Trade associations
- 5. Internet
- Trade shows 6.
- **Annual reports**
- Compendia 8.
- Test purchases at competitors 9.
- 10. Competitor visits



#### Suggested structure in a business plan

- 1. Market analysis
- 2. Customer analysis
- 3. Competition analysis
- 4. Competitor analysis
- 5. Marketing mix

1.

Analyse market and competition

Get to know the market for your business idea

Apply a SWOT analysis to your competitors



Select target market

#### Choose the customer segment,

- that best satisfy the needs of your business idea
- you most have to offer (compared to your competitors)

Define, how you want to differentiate your position from those of your competitors



Define the marketing mix

Define the customer relationships by determining the following arrangements:

- Product design
- Pricing
- Distribution
- Communication



Market and competition analysis



Market and distribution strategy

Source: BT



#### **University of Zurich**

ISU – Institute for Strategy and Business Economics Ulrich Kaiser

#### **Introduction into Business Plan Writing**

#### **Business organization:**

- 1. Activities of a firm do deliver the end product
- 2. Often depicted in figures like this:

R&D → Production → Marketing and sales → Distribution → Service

#### **Business organization:**

R&D → Production → Marketing and sales → Distribution → Service

- Use the "generic" system and change it according to your needs 1.
- 2. Example:
  - break down "Production" into purchase, raw material processing, parts assembly"
  - break down "Sales" into logistics, wholesale trade and retail trade

#### **Business organization:**

Make or buy?

- Efficiency gains from buying 1.
- Stay focused
- Investment & expenditures 3.
- Hold up problems 4.
- Quality problems 5.

#### **Business organization:**

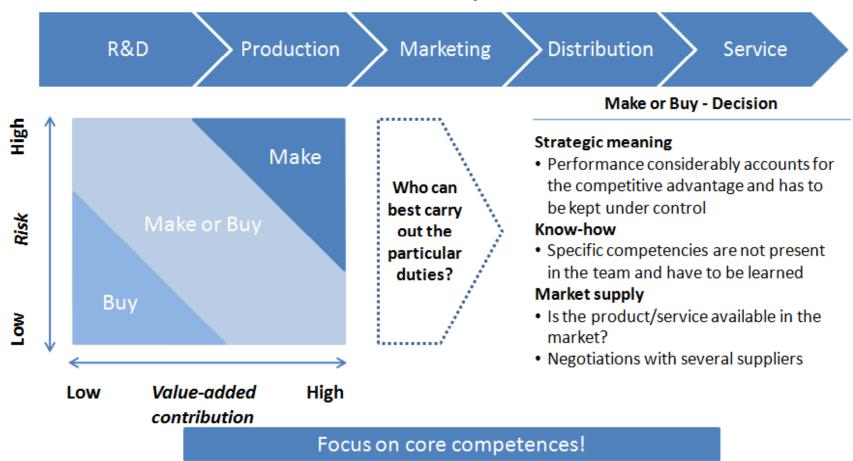
Make or buy?

- 1. Strategic importance: F&E done in-house
- 2. Comparative advantages: focus on the stuff you are good at and outsource the rest
- 3. Supply: is it possible to outsource at all?

#### Make or buy?

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Generic business system



Source: BT



#### **University of Zurich**

#### **Business organization:**

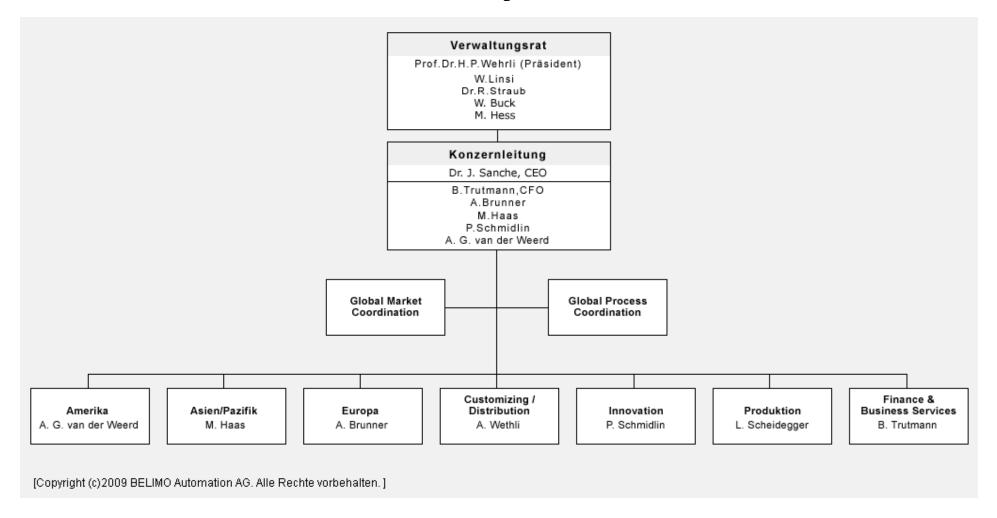
Strategic partnerships

- Will the businesses I need as partners participate? 1.
- How motivated will the partners be?
- Do they need to work against their self-interest? (win-win?) 3.
- Partnerships are strategic assets 4.

#### **Business organization:**

#### Organization

- Who is responsible for what?
- Who reports to whom?
- Responsibilities according to competencies 3.





#### **Personnel planning:**

- Growth requires staff
- Plan ahead six months notice
- Qualified labor is hard to find, even in times of high 3. unemployment

**Legal & ethnical foundation:** 

Establishing a strong ethical culture

Choosing an attorney

**Ethically departing** from an employer

Drafting a founder's agreement

**Avoiding litigation** 

Choosing a form of business ownership

Source: BI

#### **Legal & ethnical foundation:**



Source: BI



#### **Legal & ethnical foundation:**

- Lead By Example
- Establish a Code of Conduct
- Implement an Ethics Training Program 3.
- Create an incentive system (use game theory!) 4.
- A well working firm is able to retain its workers! 5.

#### **Location:**

- 1. Legal environment: liability, taxes
- 2. Political environment: guarantee of ownership, regulation, standards, start up subsidies
- 3. Economic environment: business cycle, unemployment, rents and real estate prices
- 4. Proximity to buyers and suppliers
- 5. Access to qualified workers and know-how
- 6. Expect to switch locations frequently within the first five years in business

#### Questions you should be able to answer yourself:

- Business system: What does our business system look like? What are the value creating activities? Where do we locate?
- Organization: What functions constitute our organization?
- 3. Values and norms: What value and norms coin our organization?
- 4. Partnerships: What do we make, what do we buy? With which firms do we want to partner? What are the pros and cons of partnering?
- Production: What does our production look like? What materials do we need?

#### Questions you should be able to answer yourself:

- Personnel: What is our staff size in five years? Can we find qualified workers on the labor market or do we need to educate ourselves?
- Employees: What are the roles, skills and educations of our workers? How many employees will we have? What does the incentive system look like? How do we recruit?

#### Suggested organization in a business plan:

- **Business organization**
- **Partners**
- Structure
- Personnel 4.
- 5. Location