

## Entrepreneurship and business establishment

## Lesson 1: The entrepreneur

**Dr. Vanessa Campos-i-Climent** 



## **Learning outcomes:**

understand be able what to entrepreneurship is Identify the entrepreneur's main competencies and skills and why are they important Be able to define creativity and why is it important in the business context □ Define what **new ideas feasibility** means ☐ Be able to identify social entrepreneurs' main traits

## **Table of contents:**

- 1.1 Entrepreneurship
- 1.2 Entrepreneur's basic competencies and skills
- 1.3 Creativity and new ideas feasibility
- 1.4 Social Entrepreneurs

#### References:

Barringer, B. & Ireland, R. (2015), Entrepreneurship. Successfully launching new ventures, 5th Edition, Pearson, NY.

Mariotti, S. & Glackin, C. (2016): Entrepreneurship. Starting and Operating a Small Business, 4th Edition, Pearson, NY.

Hisrich, R.D. et. al. (2019), Entrepreneurship, 11th Edition, Mc Graw Hill



- □ Traditional definition: It is the process of starting new businesses, generally in response to opportunities
- **□**Does such definition fit the current reality?
- Yes or not
- Why?



Accidental entrepreneurs

Corporate refugees

Social entrepreneurs

Green entrepreneurs



#### **Innovative practices?**

Entrepreneurial venture



**Small business** 

In EU < 250 employees In US < 500 employees



#### **Innovative practices?**

Schumpeter's definition describes five basic ways that entrepreneurs find opportunities to create new businesses:

- 1. Using a new technology to produce a new product
- 2. Using an existing technology to produce a new product
- 3. Using an existing technology to produce an old product in a new way
- 4. Finding a new supply of resources (that might enable the entrepreneur to produce a product more economically)
- 5. Developing a new market for an existing product

#### Type of entrepreneurial ventures

#### Salary-Substitute Firms

Firms that basically provide their owner or owners a similar level of income to what they would be able to earn in a conventional job

#### Lifestyle Firms

Firms that provide their owner or owners the opportunity to pursue a particular lifestyle, and make a living at it

#### Entrepreneurial Firms

Firms that bring new products and services to the market by creating and seizing opportunities regardless of the resources they currently control

Source: Barringer & Ireland (2015)



Social Entrepreneurship

Green Entrepreneurship

Corporate Entrepreneurship Sustainable Entrepreneurship

Entrepreneurial process (Stages)

Opportunity recognition

Resource identification and venture growth

Resource identification and acquisition

Resource identification and venture growth



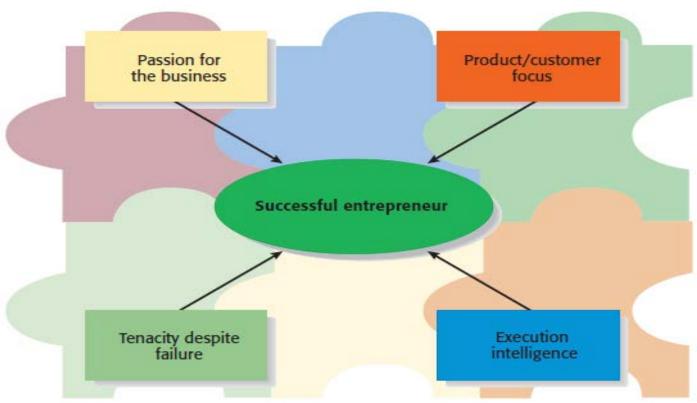
Think of someone you know (personally or not) who is an entrepreneur

How would you describe her / him?



Entrepreneurs' common traits	Successful entrepreneurs' common traits	Summarizing
<ul> <li>High level of motivation</li> <li>Self-confidence</li> <li>Ability to be involved for the L/T</li> <li>High energy level</li> <li>Persistent</li> <li>Initiative</li> <li>Ability to set goals</li> <li>Moderate risk-taker</li> </ul>	<ul> <li>High energy level</li> <li>Persistent</li> <li>Resourcefulness</li> <li>Desire and ability to be self-directed</li> <li>Relatively high need for autonomy</li> </ul>	P p r e o r a s c o t n i a v l e i t y

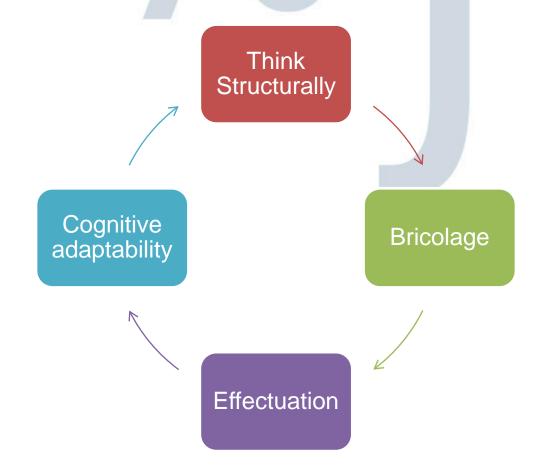




Source: Barringer & Ireland (2015)



**Entrepreneurial thinking** 





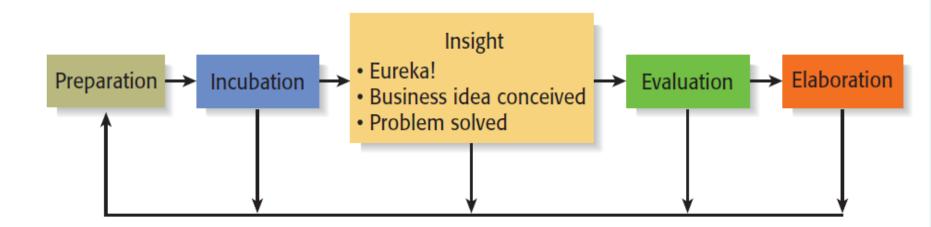
- What is creativity?
- ■How new ideas are created?
- ■What's the difference between a new idea and a business opportunity?



## **□**Creativity:

- Creativity is the process of generating a novel or useful idea.
- Opportunity recognition may be, at least in part, a creative process.
- For an individual, the creative process can be broken down into five stages, as shown on the next slide.





Source: Barringer & Ireland (2015)

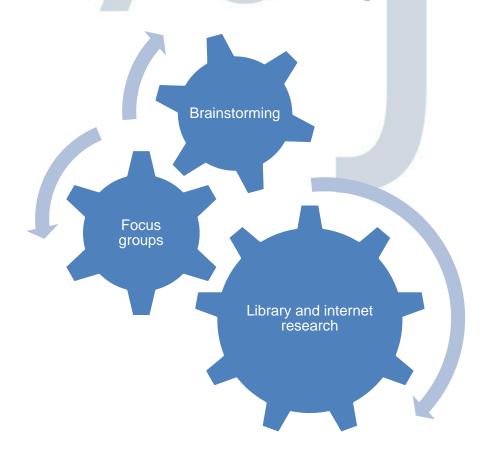


Links among creativity, opportunity recognition and new ideas



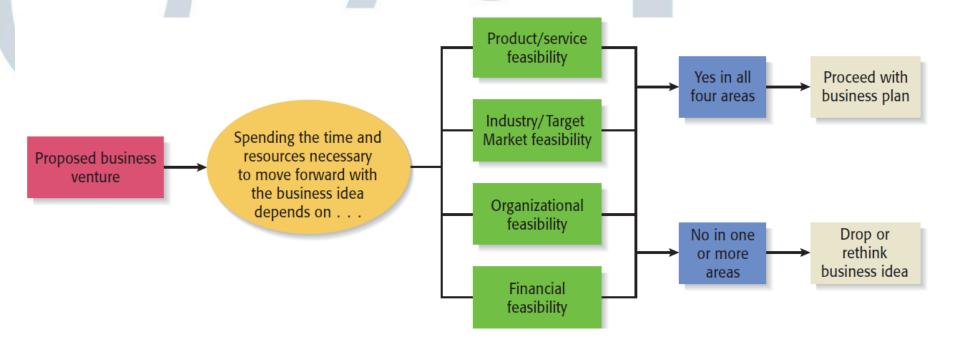


### **Techniques for Generating Ideas:**





#### **Feasibility analysis**



Source: Barringer & Ireland (2015)



#### TABLE 3.1 FEASIBILITY ANALYSIS

- Part 1: Product/Service Feasibility
  - A. Product/service desirability
  - B. Product/service demand
- Part 2: Industry/Target Market Feasibility
  - A. Industry attractiveness
  - B. Target market attractiveness
- Part 3: Organizational Feasibility
  - A. Management prowess
  - B. Resource sufficiency
- Part 4: Financial Feasibility
  - A. Total start-up cash needed
  - B. Financial performance of similar businesses
  - C. Overall financial attractiveness of the proposed venture

Overall Assessment

Source: Barringer & Ireland (2015)

## 1.4 Social Entrepreneurs

- SE addresses social problems or needs not met by private markets or government
  - Innovative solutions, unmet needs, private action
- ► SE is motivated primarily by social benefit
  - ♦ Social mission + entrepreneurial behavior
- SE generally works with market forces
  - Combining social purpose with financial sustainability



#### Goal attainment

- Succeed in mission and shut down
- Succeed in mission and find new opportunity
- Attain a stable service equilibrium
- Integrate into another venture



## **Entrepreneurship and business establishment**

## Lesson 2: Business Plan

**Dr. Vanessa Campos-i-Climent** 



## Learning outcomes:

- □ be able to understand what a business proposition is
   □ Identify the sources of value creation
   □ Differentiate the components of a full business plan
- Recognize and demonstrate proper development and formatting of a full business plan

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- 2.1 Executive summary
- 2.2 Value proposition
- 2.3 Competitors
- 2.4 Strategy
- 2.5 Market segmentation
- 2.6 Financial plan
- 2.7 Other aspects: legal, HR

#### References:

Aulet, B. (2013), Disciplined Entrepreneurship, Wiley, NY (available on-line) Barringer, B. & Ireland, R. (2015), Entrepreneurship. Successfully launching new ventures, 4<sup>th</sup> Edition, Pearson, NY. Ch.3,4,5,6,7,8 and 9 Mariotti, S & Glackin, C. (2016), Entrepreneurship: starting and operating small businesses, 4<sup>th</sup> Edition, Pearson, NY, Ch. 4 and 9



## **Cover Page Table of Contents**

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- 2.0 Mission, Vision, and Culture
- 3.0 Company Description
- 4.0 Opportunity Analysis and Research
  - 4.1 Industry Analysis
  - 4.2 Environmental Analysis
  - 4.3 Competitive Analysis



### 5.0 Marketing Strategy and Plan

- 5.1 Products/Services
- 5.2 Pricing
- 5.3 Promotion
- 5.4 Place

### **6.0 Management and Operations**

- 6.1 Management Team
- 6.2 Research and Development
- 6.3 Physical Location
- 6.4 Facilities
- 6.5 Inventory, Production, and Quality Assurance



## 7.0 Financial Analysis and Projections

- 7.1 Sources and Uses of Capital
- 7.2 Cash Flow Projections
- 7.3 Balance Sheet Projections
- 7.4 Income Statement Projections
- 7.5 Breakeven Analysis
- 7.6 Ratio Analysis
- 7.7 Risks and Assumptions



## 8.0 Funding Request and Exit Strategy

- 8.1 Amount and Type of Funds Requested
- 8.2 Exit Plan
- 8.3 Milestones

### **Appendices**

Resumes

Sample Promotional Materials

Product Illustrations/Diagrams

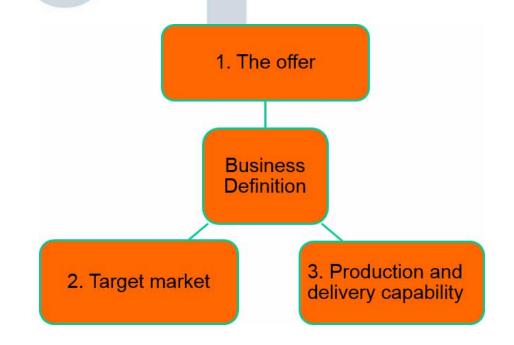
**Detailed Financial Projections** 



## 2.1 Executive summary

A Snapshot of Your Business

The executive summary has to be compelling and comprehensive.



Source: Mariotti & Glackin (2016)



## 2.2 Value proposition

# What's value in the business context? Value for whom?

Stakeholders' approach



When studying an industry, an entrepreneur must answer 3 questions:

## 1. Is the industry Accessible?

in other words, is it a realistic place for a new venture to enter?

2. Does the industry contain markets that are ripe for Innovation or are underserved?

3. Are there positions in the industry that Avoid some of the negative attributes of the industry as a whole?



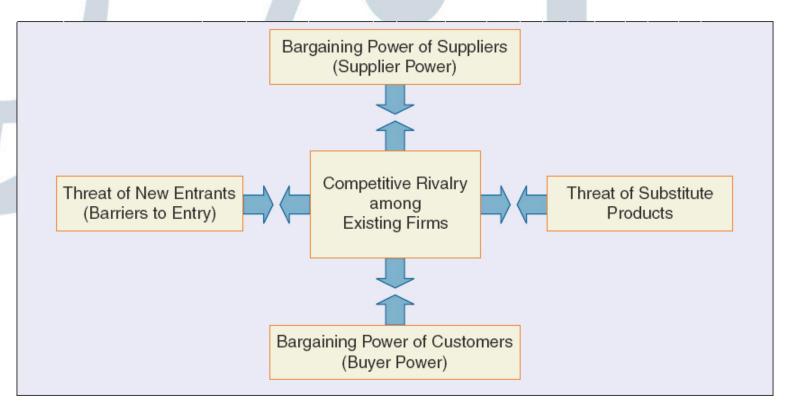
## How can we assess Industry Attractiveness?

Study Environmental and Business Trends (PESTEL)

The Five Competitive Forces Model



#### Porter's Five Forces framework



Source: Porter, M. "How Competitive Forces Shape Strategy," Harvard Business Review, March/April 1979, pp. 137–145.



#### **Threat to Industry Profitability**

Competitive Force Low Medium High

Threat of substitutes

Threat of new entrants

Rivalry among existing firms

Bargaining power of suppliers

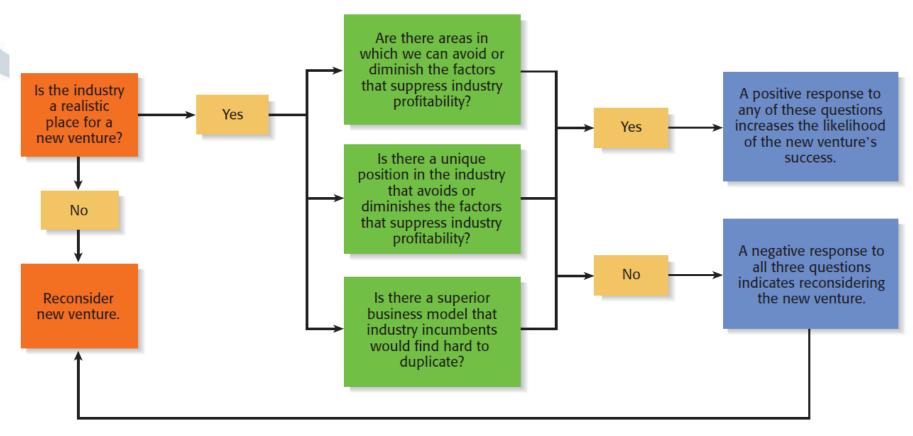
Bargaining power of buyers

#### Instructions:

- Step 1 Select an industry.
- **Step 2** Determine the level of threat to industry profitability for each of the forces (low, medium, or high).
- **Step 3** Use the table to develop an overall feel for the attractiveness of the industry.
- Step 4 Use the table to identify the threats that are most often relevant to industry profitability.

Source: Barringer & Ireland (2015)

Using the Five Forces Model to Pose Questions to Determine the Potential Success of a New Venture in an Industry



Source: Barringer & Ireland (2015)



## 2.3 Competitors

### **Types of competitors**

### Direct Competitors

Businesses offering identical or similar products

### Indirect Competitors

Businesses offering close substitute products

#### Future Competitors

Businesses that are not yet direct or indirect competitors but could be at any time

Source: Barringer & Ireland (2015)



## 2.3 Competitors

### The 6 Factors of Competitive Advantage

- 1. Quality. Can you provide higher quality than competing businesses?
- 2. Price. Can you offer a lower price on a sustained basis than your competition, or does your higher price reflect quality and/or uniqueness?
- 3. Location. Can you find a more convenient location for customers?
- 4. Selection. Can you provide a wider range of choices than your competitors can?
- 5. Service. Can you provide better, more personalized customer service?
- 6. Speed/turnaround. Can you deliver your product/service more quickly than the competition?



## 2.4 Strategy

- ☐ Strategy is a part of the Business Model
- What's Business Model?
  - ☐A business model is a firm's plan or recipe for how it creates, delivers, and captures value for its stakeholders.
  - ☐ The proper time to develop a business model is following the feasibility analysis stage and prior to fleshing out the operational details of the company.
  - □ A firm's business model is integral to its ability to succeed both in the short and long term.



## 2.4 Strategy

Core Strategy				
Business Mission	Basis of Differentiation			
Target Market	Product/Market Scope			

Resources			
Core Competency	Key Assets		

Financials				
Revenue Streams				
Cost Structure	Financing/Funding			

Operations		
Product (or service) Production	Channels	
	Key Partners	



### Think about:

- 1. What's market segmentation?
- 2. What do I need to perform it?
- 3. How can I successfully segment a market?



### Research Prepares You for Success

- ■Whether you have a product or service you want to market, or are searching for a market opportunity with the aim of creating a product or service to fill that need, research can help you succeed.
- ■Your research can be conducted at the level of the industry, the market segment, or the individual consumer.
- ■Whereas the questions you ask will be different at each level, the methods of conducting the research are similar.



market research - the collection and analysis of data regarding target markets, industries, and competitors.

Market research is the process of finding out:

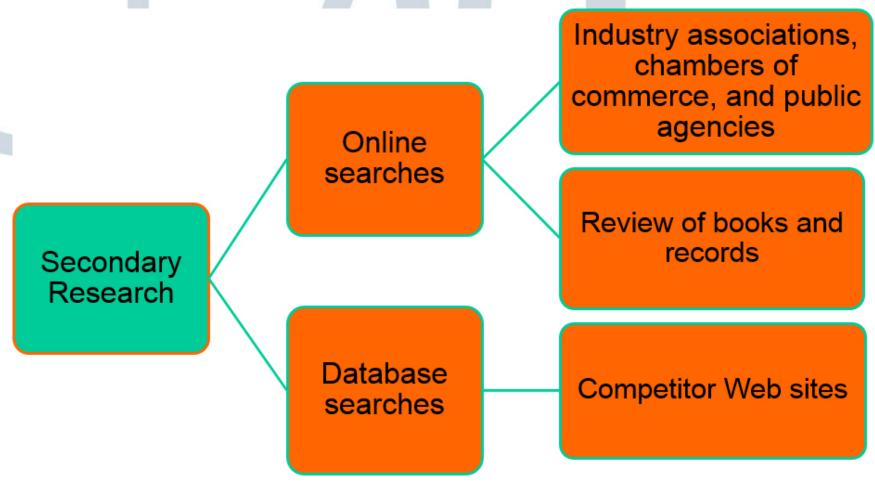
- who your potential customers are,
- where you can reach them,
- □what they want and need,
- □how they behave, and
- what the size of your potential market is.



## **Primary research methods:**

- □Personal interviews. Interview individuals face to face, using either flexible question guides or structured, step-by-step surveys.
- ☐ Telephone surveys. These are personal interviews conducted via telephone.
- □Written surveys. These can be administered through the postal service or by e-mail or on special Web sites.
- □ Focus groups. If you want to get information that is generated through guided group discussion, you can use focus groups.
- □ Observation. By watching, you can observe patterns of interaction, traffic patterns, and volume of purchases that will help you understand your prospective customers and your competition.
- □Tracking. It can be useful to track advertisements, prices, and other information through the media.







market segment - a group of consumers or businesses that have a similar response to a particular type of product or service.

- Marketing strategies are focused on the customer, and a business has to choose which customers to target.
- Home Depot's competitive advantage would not be strong in the market segment composed of professionals, in which the distribution channels are strong and well established.
- □ It is difficult to target very different segments of a market simultaneously.



## Successful Segmenting: The Body Shop

- ☐ The Body Shop is a good example of the success that can result from choosing the right market segment.
- ☐ Founder Anita Roddick disliked paying for expensive packaging and perfuming when she bought cosmetics.
- ☐She was also annoyed by the extravagant claims made by many cosmetics companies and by the high prices of their perfumes and lotions.
- □ Roddick saw an opportunity to create a different line of cosmetics.
- ☐ She would use natural products that would be packaged inexpensively and marketed without extravagant claims.



# 2.5 Market segmentation 4 basic ways to segment:



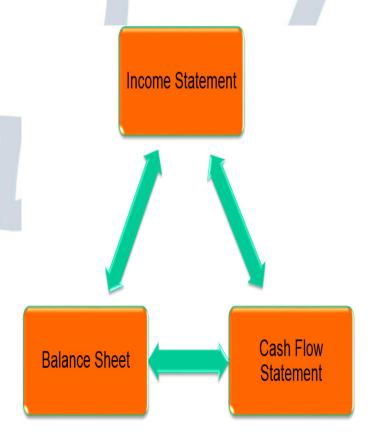


# Here are a few questions you can adapt to your own product or service:

- 1. Do you currently use this type of product?
- 2. What brand of this product do you currently use?
- 3. Where do you buy it? Please be specific about the source, such as the name and location of the store, the direct-marketing representative, or Web site.
- 4. How much do you pay for it? (Probe for size and price, if appropriate.)
- 5. How often do you buy it?
- 6. Would you buy our product/service?
- 7. How much would you be willing to pay for it?
- 8. Where would you shop for it?
- 9. How would you improve it?
- 10. Now that you have seen/tasted/felt/smelled this product, what do you consider to be its closest competitor?
- 11. Is our product/service worse or better than those of our competitors?



### You must work on:



Source: Mariotti & Glackin (2016)

## 2.6 Financial Plan

- ☐ Together, they show the health of a business at a glance.
- ■Best practice for entrepreneurs is to use their financial records to prepare monthly income statements and balance sheets and then finalize these at the end of the fiscal year.
- Cash flow statements should be prepared at least monthly.
- ☐ These statements will provide a concise, easily read and understood company financial picture.



## 2.6 Financial Plan

# A Basic Company, Inc. Income Statement for the Month Ended June 30, 2018

Sales/Revenue	\$1,025,000
Cost of Goods Sold	325,000
Gross Profit (Gross Income)	\$700,000
Selling, General & Administrative Expenses	500,000
Depreciation	80,000
Operating Profit (EBIT)	\$120,00
Interest Expense	<u>80,000</u>
Net Profit Before Taxes	\$40,000
Taxes (40%)	16,000
Earnings Available to Common Shareholders (\$24,000	
Dividends or Owner Draw	<u>10,000</u>
Net Income	<u>\$6,000</u>



## 2.6 Financial Plan

A Basic Company, Inc. Balance Sheet (1 of 2) December 31, 2018

Assets		Liabilities	
<b>Current Assets</b>		<b>Current Liabilities</b>	
Cash	\$75,000	Accounts payable	\$1,500
Accounts receivable	250,000	Notes payable	175,000
Inventory	500,000	Accrued wages payable	75,000
Supplies	80,000	Accrued taxes payable	20,000
Prepaid expenses	<u>15,000</u>	Accrued interest payable	<u>25,000</u>
<b>Total Current Assets</b>	\$920,000	<b>Total Current Liabilities</b>	\$770,000



A Basic Company, Inc. Balance Sheet (2 of 2) December 31, 2018

## 2.6 Financial Plan

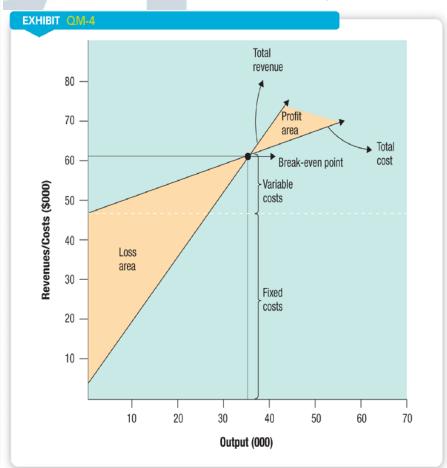
Long-Term (Fixed) Assets	Blank	Blank	Long-Term Liabilities	Blank
Land	Blank	\$500,000	Mortgage	\$900,000
Buildings	\$700,000	Blank	Notes payable	500,000
Less accum. depreciation	70,000	630,000	Total Long-Term Liabilities	\$1,400,000
Vehicles	\$200,000	Blank	Blank	Blank
Less accum. depreciation	60,000	140,000	Owner's Equity	Blank
Equipment	\$250,000	Blank	Prime Owner, paid in capital	\$197,500
Less accum. depreciation	12,500	237,500	Retained earnings	100,000
Furniture and fixtures	\$50,000	Blank	<b>Total Owner's Equity</b>	\$297,500
Less accum. depreciation	10,000	40,000	Blank	Blank
Total Fixed Assets	Blank	\$1,547,500	Blank	Blank
Total Assets	Blank	\$2,467,500	Total Liabilities and Owner's Equity	<u>\$2,467,500</u>

### Ratio analysis

OBJECTIVE	RATIO	CALCULATION	MEANING	
Liquidity test	Current ratio	Current assets	Tests the organization's	
		Current liabilities	ability to meet short-term obligations	
	Acid test	Current assets less inventories	Tests liquidity more accurately when inventories turn over slowl	
		Current liabilities	or are difficult to sell	
Leverage test	Debt to assets	Total debt	The higher the ratio, the more	
		Total assets	leveraged the organization	
	Times interest earned	Profits before interest and taxes	Measures how far profits can decline before the organization	
		Total interest charges	is unable to meet its interest expenses	
Operations test	Inventory turnover	Cost of sales	The higher the ratio, the more	
		Inventory	efficiently inventory assets are being used	
	Total assets turnover	Revenues	The fewer assets used to achiev	
		Total assets	a given level of sales, the more efficiently management is using the organization's total assets	
,	Profit margin on	Net profit after taxes	Identifies the profits that various products are generating	
	revenues	Total revenues		
	Return on investment	Net profit after taxes	Measures the efficiency of asset	
		Total assets	to generate profits	

## 2.6 Financial Plan

### **Break-even analysis**



Source: Robbins, Decenzo & Coulter (2013)

# Cash Flow: The Lifeblood of a Business

## 2.6 Financial Plan

cash flow statement - financial report that shows the money coming into and going out of an organization.

- For a business using the accrual method (rather than cash method) of accounting, sometimes the income statement shows profitability, but the business has little to no cash.
- ☐ Thus, a company may show a profit and have a negative cash flow. Cash and profit are not the same.
- ☐ Because the cash flow statement records inflows and outflows of money as they occur, it is a critical financial control for a business



## 2.6 Financial Plan

# To avoid getting caught with insufficient cash, follow these rules:

- 1. Collect cash as soon as possible.
- 2. Pay your bills by the due date, not earlier.
- Check your available cash daily.
- 4. Lease or finance instead of buying equipment where practical.
- Avoid buying inventory you do not need.
- Plan ahead for seasonal or contractual needs by seeking financing early.

# Inflows and outflows of cash are divided into 3 categories:

1. Operations

2. Investment

3. Financing

Source: Mariotti & Glackin (2016)

## 2.6 Financial Plan

working capital - the value of current assets minus current liabilities.

- ■Working capital tells you how much cash the company would have if it paid all its short-term debt with the cash it had on hand.
- □All other things being equal, a company with positive working capital will always outperform a company with negative working capital.

**Working Capital =** 

**Current Assets - Current Liabilities** 



## 2.6 Financial Plan

There are two steps to forecasting cash flow receipts:

- Step 1. Project cash receipts from all possible sources.

  Remember, orders are not cash receipts, because they may not become cash.
- Step 2. Subtract expenditures that would need to be deducted to meet this level of cash receipts. Cash expenditures are only those expenses and purchases you will actually have to pay during the projected time period.



## 2.6 Financial Plan

**TABLE 8.3** Consolidated Statement of Cash Flows for New Venture Fitness Drinks, Inc.

	December 31, 2014	December 31, 2013
Cash flows from operating activities		
Net income	\$131,000	\$83,000
Additions (sources of cash)		
Depreciation	13,500	5,900
Decreases in accounts receivable	9,300	1,300
Increase in accrued expenses	1,900	3,900
Decrease in inventory	1,200	1,000
Subtractions (uses of cash)		
Decrease in accounts payable	(16,700)	(3,500)
Total adjustments	9,200	8,600
Net cash provided by operating activities	140,200	91,600
Cash flows from investing activities		
Purchase of building and equipment	(250,500)	(112,500)
Net cash flows provided by investing activities	(250,500)	(112,500)
Cash flows from financing activities		
Proceeds from increase in long-term debt	119,500	19,000
Net cash flows provided by financing activities		19,000
Increase in cash	9,200	(1,900)
Cash and cash equivalents at the beginning of each year	r 54,600	56,500
Cash and cash equivalents at the end of each year	63,800	54,600

Source: Barringer & Ireland (2015)



What is the legal form that better fits my needs?

Think about it in terms of:

Current and future needs

#### Issues to consider:

The Cost of Setting Up and Maintaining the Legal Form The Extent to Which Personal Assets Can Be Shielded from the Liabilities of the Business

Tax Considerations

The Number and Types of Investors Involved

Source: Barringer & Ireland (2015)

### Basic legal structures:

- sole proprietorship
- 2. partnership
- corporation



# Advantages of a Sole Proprietorship

- Creating one is easy and inexpensive.
- □ The owner maintains complete control of the business and retains all of the profits.
- Business losses can be deducted against the sole proprietor's other sources of income.
- It is not subject to double taxation (explained later).
- The business is easy to dissolve.

### <u>Disadvantages of a Sole</u> <u>Proprietorship</u>

- Liability on the owner's part is unlimited.
- ☐ The business relies on the skills and abilities of a single owner to be successful.
- Of course, the owner can hire employees who have additional skills and abilities.
- Raising capital can be difficult.
- ☐ The business ends at the owner's death or loss of interest in the business.
- The liquidity of the owner's investment is low.



### **General Partnership**

A form of business organization where two or more people pool their skills, abilities, and resources to run a business. The primary disadvantage is that all partners are liable for all the partnership's debts and obligations.

### **Limited Partnership**

- A modified form of general partnership.
- The major difference between the two is that a limited partnership includes two classes of owners: general partners and limited partners.
- The general partners are liable for the debts and obligations of the partnership, but the limited partners are only liable up to the amount of their investment.



### **Corporations**

- Is a separate legal entity that, in the eyes of the law, is separate from its owners.
- ☐ In most cases a corporation shields its owners, who are called shareholders, from personal liability for the debts of the corporation.
- □ A corporation is governed by a board of directors, which is elected by the shareholders.
- A corporation is formed by filing articles of incorporation.
- □ A corporation is taxed as a separate legal entity.
- A disadvantage of a Corporation is that it is subject to double taxation. This means that a corporation is taxed on its net income, and when the same income is distributed to shareholders in the form of dividends, the income is taxed again on the shareholders' personal tax returns.



### **Limited liability company**

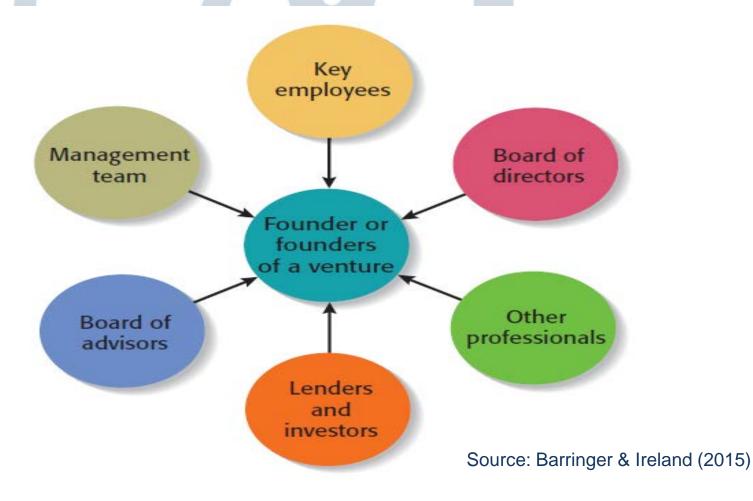
- Is a form of business ownership that is rapidly gaining popularity.
- ☐ The limited liability company combines the limited liability advantage of the corporation with the tax advantages of a partnership.

### **Other legal forms:**

- Co-operatives (worldwide)
- ☐ Labor managed firms (Spain)
- B Corporations (US)



### **Separate Elements of a New-Venture Team**





**Entrepreneur = Leader. Types of leadership:** 





### Steps in the recruiting process:

1. Defining the job

> 4. Assessing skills

7.
Negotiating
compensation

2.
Posting and advertising the job

5. Interviewing candidates

> 8. Hiring

3.
Screening resumes and/or applications

6. Checking references

9. Orientation



### Organizational culture

- □ A primary role of the founding entrepreneur is to convey the vision for the company and to foster its culture.
- □ The culture of an organization is the shared beliefs, values, and attitudes—informally referred to as "how things are done around here."
- ☐ The culture of an entrepreneurial firm can be its competitive advantage.
- ☐ The culture you create for your business should be a strategic translation of your vision and mission into norms, values, and behaviors.



### Entrepreneurship and business establishment

# Lesson 3: New approaches

**Dr. Vanessa Campos-i-Climent** 



# Learning outcomes:

- Learn the latest approaches to develop a business model for a new venture:
- Triple layered Canvas model
- ➤ Common Good Matrix (CGM)
- Lean start-up model
- ➤ Customer development model
- >Stage-Gate model



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- 3.2 Lean Start-up Model
- 3.3 Customer Development Model
- 3.4 Stage-gate Model

#### **References:**

Barringer, B. & Ireland, R. (2015), Entrepreneurship. Successfully launching new ventures, 4<sup>th</sup> Edition, Pearson, NY.

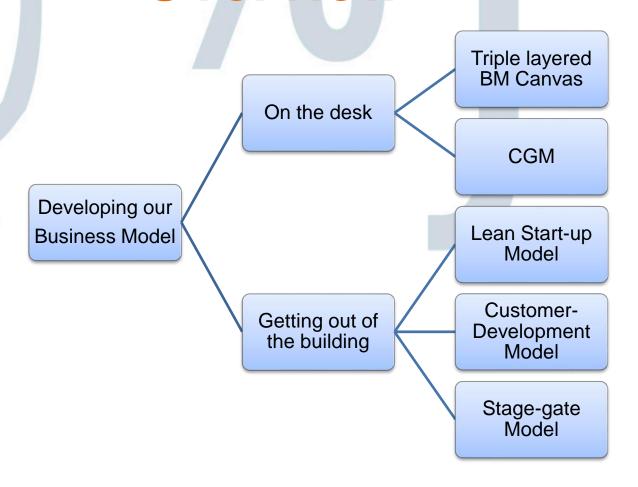
Mariotti, S & Glackin, C. (2016), Entrepreneurship: starting and operating small businesses, 4<sup>th</sup> Edition, Pearson, NY.

Ries, E. (2011), The Lean start-up, Crown Publishers

Blank, S. (2013), The four steeps to the Epiphany, 2<sup>nd</sup> Edition



# **Overview**





- □ Traditional canvas business model a company's plan to generate revenue and make a profit from operations.
- The canvas includes nine core building blocks that are intended to supply answers to critical questions.
- □ These building blocks are meant to be implemented in the company.

#### **Traditional canvas**

Departament de Direcció d'Empreses "Juan José Renau Piqueras"

#### The Business Model Canvas

Designed for:

Designed by:

Iteration:

#### Key Partners

Which Key Activities do patness perfam? NAME AND ADDRESS OF TAXABLE PARTY.



#### Key Activities

What Key Activities do our Yalue Propositions require?



#### Value Propositions

Which are of our customer's publishes are we helping to solve? What bundles of products and services are we offering to each Customer Segment Which sustainer reads are we satisfying?



#### Customer Relationships

Segments expect us to establish and maintain with there? Which area have we established? flow are they integrated with the rest of our business mode?" Bow south are they?



#### Customer Segments



What Ses Resources do our Volue-Propositions require? Our State Ses Describe? Contamer Relationships? Roverses Steams?



#### Channels

want to be reached?" How are wormsching them now? How are our Cronnels integrated?

Which area growned coat-efficient? How are we'ntegrating them with automorrantines?

#### Cost Structure

di magazine particolori que arquires. Locurrior quia appareilos, qualmen assensalos, nome Local devine ligicano que arquires. Locurrior quia appareilos, qualmen assensalos, nome Salas devine ligicano der miso resulos, premiore miso propositivo.



#### Revenue Streams





# 1. Customer Segments (CS): the consumers for whom the company creates value

- a. Mass market—large, broadly similar group of customers
- b. Niche market—narrow, specialized, specific
- c. Segmented market—groups with slightly different needs and problems
- d. Diversified markets—segments that aren't related and have very different needs
- e. Multi-sided markets—generally are composed of supplier and customer segments that are all served

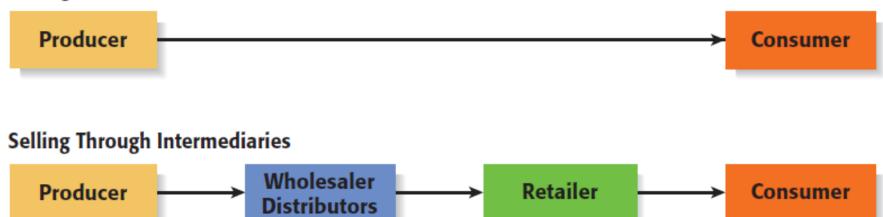


# 2. Value Proposition (VP): the reason customers select the products/ services

- a. Newness
- b. Performance
- c. "Getting the job done"
- d. Design
- e. Brand/status
- f. Price
- g. Cost reduction
- h. Risk reduction
- i. Accessibility
- j. Convenience/usability

- 3. Channels (CN): how the company reaches and communicates with customer segments
  - a. Own channels versus partners
  - b. Direct (sales force, Web sales, own stores) versus indirect (partner stores, wholesalers)

**Selling Direct** 



Source: Barringer & Ireland (2012)

- 4. Customer
  Relationships (CR):
  types established
  through consumer
  segments reached
  - a. Personal assistance
  - b. Dedicated personal assistance
  - c. Self-service
  - d. Automated services
  - e. User communities
  - f. Co-creation

- 5. Revenue Streams (R\$): how funds are generated
  - a. Asset sales
  - b. Usage fee
  - c. Subscription fees
  - d. Lending/renting/leasing
  - e. Licensing
  - f. Brokerage fees
  - g. Advertising fees



- 6. Key Resources (KR): that which is critical to making the model function
  - a. Physical
  - b. Financial
  - c. Intellectual
  - d. Human

- 7. Key Activities (KA): critical actions for success
  - a. Production
  - b. Problem solving
  - c. Platform/network



- 8. Key Partnerships (KP): 9. the particular suppliers and partners needed in the network
  - a. Strategic alliances between non-competitors
  - b. Cooperation (strategic alliances between competitors)
  - c. Joint ventures
  - d. Buyer–supplier relationships

Cost Structure (C\$): all costs of operations

**Fixed** 

Variable







#### Nespresso's Business Model Canvas, 1st layer

#### **Partners**



Coffee machine Manufacturers Activities 🌣

Marketing

Production

Logistics

Resources

**Pistribution channels** 

Patent on system

Brand

Production plants

Value

Proposition



High End restaurant quality espresso at home Customer (Relationship

Membership Club

Website.com

**Branded** boutiques

Call center

Retail (machine only)

Customer Segments



Professionals working from home

Boomers at home

Costs



Marketing

Manufacturing

Pistribution & Channels Revenues



Main revenues: Capsules Other: Machines and accessories

#### Nespresso's Business Model Canvas, 2<sup>nd</sup> layer

Environmental Life Cycle Buiness model Canvas



Machine production

Energy for processes

Water for processes

## Production 444

Coffee preparation 12%

Capsule production 17%

## Materials #1

Coffee farming 25%

Aluminium for Capsules

# Functional Value

40 ml of expresso coffee once daily multiplied by the amount of consumers

### End-of-Life

Capsule recycling -2%

### **Distribution**

Transoceanic boat 1%

Trucks 3%

#### Use Phase



Energy from machine use 27%

### Environmental Impacts



1/3 Carbon footprint from coffee farming 1/4 Carbon footprint from machine use almost 1/2 Carbon footprint from industrial production

#### Environmental Benefits



Carbon footprint savings from machine redesign -9%



Departament de Direcció d'Empreses "Juan José Renau Piqueras"

#### Nespresso's Business Model Canvas, 3rd layer

Social stakeholder Buiness model Canvas

## Local Communities



62 000 farmers (84% of production) participates in the AAA Sustainable farming program developed in partnership with the Rainforest Alliance

## Governance in

Autonomous

business unit

company



Social Value



Offering the world leading nutrition. health and wellness through food and beverages

Improving the quality of life of the supply chain stakeholders in developing countries

# Societal

culture of individuality with single servings

culture of responsibility through programs

# Scale of Outreach

60 countries across the world with over 320 storefronts

Education and microcredit services for supply chain

### End-User 🛉



Caffeine boost

Warmth

Taste

# Employees 👬

Multinational public

Employee wellness program

Health and safety measures

### Social Impacts



Potential Caffeine dependancy Little nutrional value

## Social Benefits



Personal and professional growth for supply chain

Transparency from reporting



**CG Matrix** 

VALUE STAKEHOLDER	HUMAN DIGNITY	SOLIDARITY AND SOCIAL JUSTICE	ENVIRONMENTAL SUSTAINABILITY	TRANSPARENCY AND CO-DETERMINATION
B: OWNERS, EQUITY- AND FINANCIAL SERVICE PROVIDERS	<b>B1</b> Ethical position in relation to financial resources	<b>B2</b> Social position in relation to financial resources	B3 Use of funds in relation to the environment	<b>B4</b> Ownership and co-determination
C: EMPLOYEES	C1 Human dignity in the workplace and working environment	C2 Self-determined working arrangements	C3 Environmentally friendly behaviour of staff	C4 Co-decision making and transparency within the organisation
D: CUSTOMERS AND BUSINESS PARTNERS	<b>D1</b> Ethical customer relations	<b>D2</b> Cooperation and solidarity with business partners	D3 Impact on the envi- ronment of the use and disposal of products and services	<b>D4</b> Customer participation and product transparency
E: SOCIAL ENVIRONMENT	E1 Purpose of products and services and their effects on society	E2 Contribution to the community	E3 Reduction of environmental impact	E4 Social co-determination and transparency



# 3.2 Lean Start-up Model

### **Principles**

Entrepreneurs are everywhere

Entrepreneurship is management

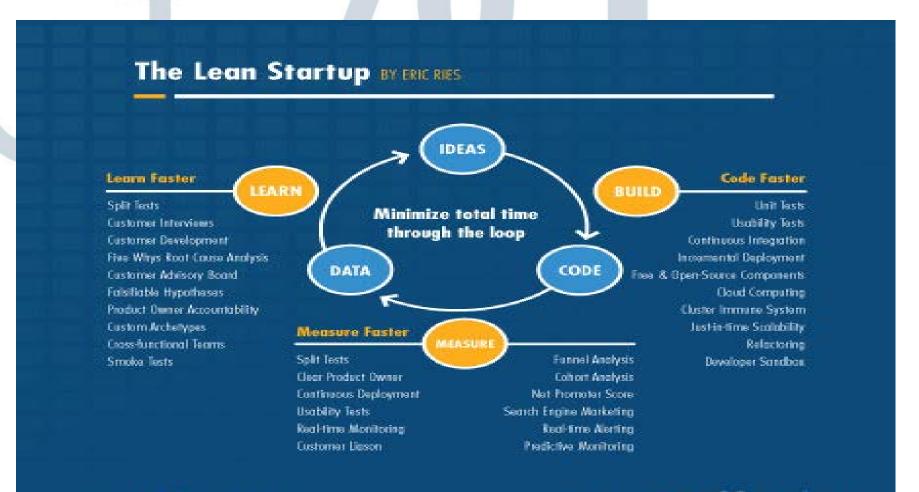
Validated learning

**Innovation** accounting

Build Measure Learn

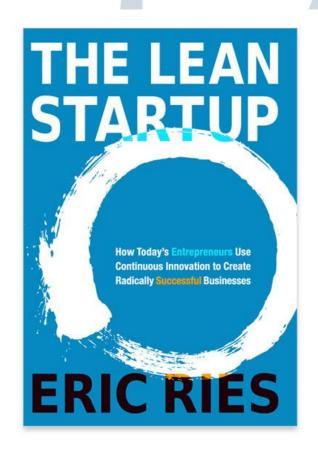


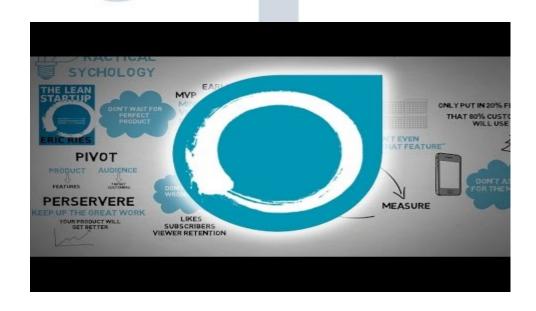
# 3.2 Lean Start-up Model





# 3.2 Lean Start-up Model



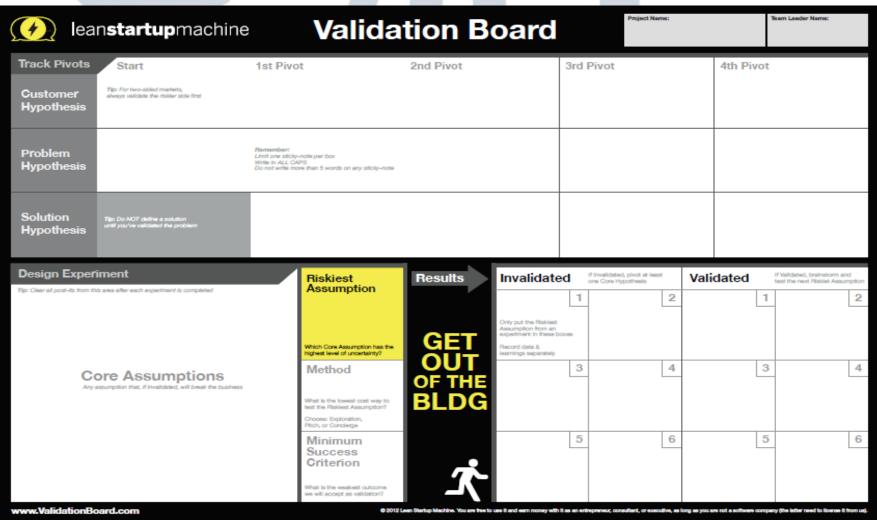


https://www.youtube.com/watch?v=9bPgNEDdX3E



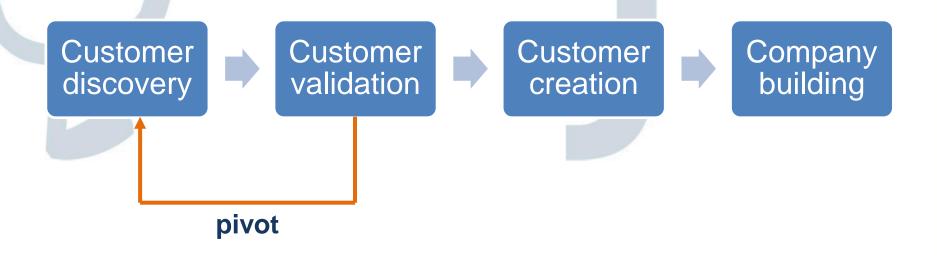
Departament de Direcció d'Empreses "Juan José Renau Piqueras"

# 3.2 Lean Start-up Model





# 3.3 Customer Development Model





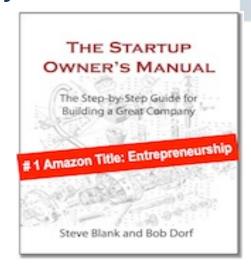
# 3.3 Customer Development Model

#### **Steve Blank**

https://www.youtube.com/watch?v=peX6wNbZrgQ

https://www.youtube.com/watch?v=xr2zFXbISRM

https://www.youtube.com/watch?v=zjvEanpktEo



# 3.4 Stage-gate Model

https://www.youtube.com/watch?v=JF9Zj\_2HneY

#### Stage – Gate™ model by R. Cooper





# How can we generate a sustainable BM combining some of these tools?

• List stakeholders
• Define the type of value to be delivered
• Value proposition

Lean Start-up Test your assumptionsScale your BM

Triple Layered BM Canvas

- •Define your sustainable BM
- After having tested your assumptions



## Entrepreneurship and business establishment

# **Lesson 4: Funding new ventures**

**Dr. Vanessa Campos-i-Climent** 



# **Learning outcomes:**

- Be able to determine and quantify the real funding requirements of a new venture
- Learn the main features of traditional funding tools
- □Know the newly founding tools
- ■Know Ethical and Social funding tools

# **Table of contents:**

- 4.1 Traditional funding tools
- 4.2 Funding tools in times of crisis
- 4.3 Venture capital and Business angels
- 4.4 Ethical and Social Funding tools

#### **References:**

Barringer, B. & Ireland, R. (2015), Entrepreneurship. Successfully launching new ventures, 5<sup>th</sup> Edition, Pearson, NY. Ch. 10 Mariotti, S & Glackin, C. (2016), Entrepreneurship: starting and operating small businesses, 4<sup>th</sup> Edition, Pearson, NY, Ch. 10

#### **Previous considerations**

- What's the first think that we have to take into account when searching funding?
- Relationship between investment and funding
- □ Is time period relevant?
- ☐ How much funds do I need?
- ■What about risk?

#### **Previous considerations**

#### Cash Flow Challenges

Inventory must be purchased, employees must be trained and paid, and advertising must be paid for before cash is generated from sales.

#### Capital Investments

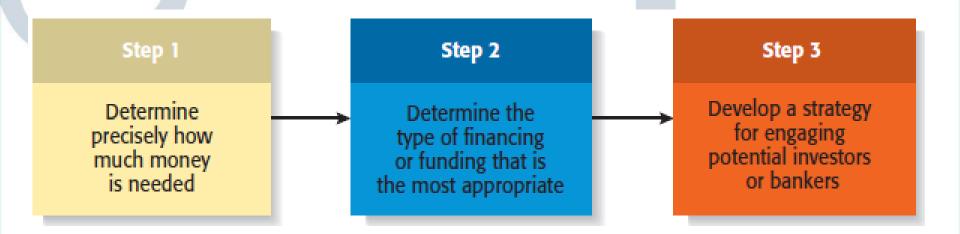
The cost of buying real estate, building facilities, and purchasing equipment typically exceeds a firm's ability to provide funds for these needs on its own.

#### Lengthy Product Development Cycles

Some products are under development for years before they generate earnings. The up-front costs often exceed a firm's ability to fund these activities on its own.



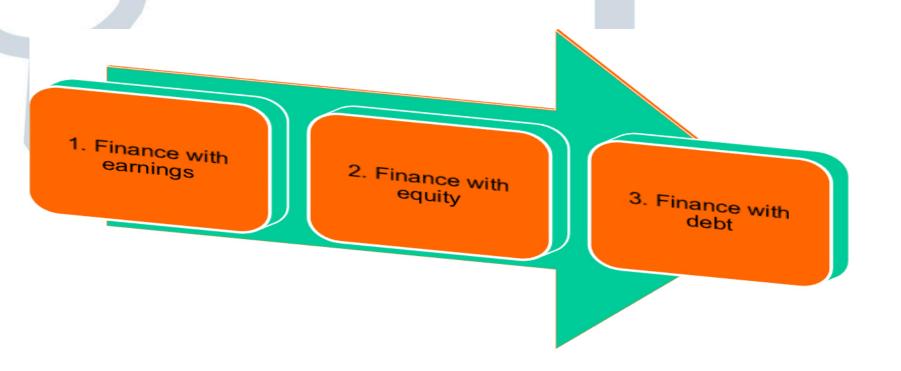
#### **Preparing to Raise Debt or Equity Financing**



Barringer, B. & Ireland, R. (2015)



There are three ways for a business to raise the capital it needs





# 4.1 Traditional funding tools Sources of Personal Financing

#### □Personal Funds

- ➤ The vast majority of founders contribute personal funds, along with sweat equity, to their ventures.
  - Sweat equity represents the value of the time and effort that a founder puts into a new venture.

## □Friends and Family

Friends and family are the second source of funds for many new ventures.



#### Characteristics of the Venture

#### Appropriate Source of Financing or Funding

The business has high risk with an uncertain return:

Weak cash flow

High leverage

Low-to-moderate growth

Unproven management

The business has low risk with a more predictable return:

Strong cash flow

Low leverage

Audited financials

Good management

Healthy balance sheet

The business offers a high return:

Unique business idea

High growth

Niche market

Proven management

Personal funds, friends, family, and other forms of bootstrapping

Debt financing

Equity

### □Banks

- □ banks have not been viewed as a practical source of financing for start-up firms.
- ☐ it is just that banks are risk averse, and financing start-ups is a risky business.
  - ➤ Banks are interested in firms that have a strong cash flow, low leverage, audited financials, good management, and a healthy balance sheet.

# □ Community Development Financial Institutions (CDFIs)

- A number of alternate lending institutions can serve a broad range of needs in emerging domestic markets.
- They share the common vision of expanding economic opportunity and improving the quality of life for low-income people and communities.
- ➤ The four CDFI sectors: saving banks, credit unions, loan funds, and venture capital
- Guaranteed loan programs



#### ■Vendor Credit /trade credit

when a vendor extends credit to a business in order to allow the business to buy its products and/or services up front but defer payment until later.

## Factoring

▶ Is a financial transaction whereby a business sells its accounts receivable to a third party, called a factor, at a discount in exchange for cash.

#### Merchant Cash Advance

- Type of loan in which the lender provides a business a lump sum of money in exchange for a share of future sales that covers the payment plus fees.
- These types of loan are arranged by online firms at an escalated interest rate.

## Peer-to-Peer Lending

- Is a financial transaction that occurs directly between individuals or peers.
- loans are facilitated by online firms



# Leasing

- A lease is a written agreement in which the owner of a piece of property allows an individual or business to use the property for a specified period of time in exchange for payments.
- The major advantage of leasing is that it enables a company to acquire the use of assets with very little or no down payment.

# Renting

- Same advantages as leasing
- At the end of the agreement the business that uses the property doesn't has the right to acquire it



# 4.2 Funding tools in times of crisis

## **□**Bootstrapping

- ➤ Bootstrapping is finding ways to avoid the need for external financing or funding through creativity, ingenuity, thriftiness, cost cutting, or any means necessary.
- Many entrepreneurs bootstrap out of necessity.



# 4.2 Funding tools in times of crisis

#### **Examples of Bootstrapping**

Buy used instead of new equipment.

Coordinate purchases with other businesses.

Lease equipment instead of buying.

Obtain payments in advance from customers.

Minimize personal expenses.

Avoid unnecessary expenses.

Buy items on-line cheaply but prudently

Share office space or employees with other businesses.

Hire interns.



# 4.2 Funding tools in times of crisis

# □Strategic Partnerships

- they are another source of capital for new ventures.
- many partnerships are formed to share the costs of product or service development, to gain access to particular resources, or to facilitate speed to market.
- Older established firms benefit by partnering with young entrepreneurial firms by gaining access to their creative ideas and entrepreneurial spirit.

# □ Common strategic partnership:

- ➤ Biotech firms often partner with large drug companies to conduct clinical trials and bring new products to market.
- The biotech firms benefit by obtaining funding from their partners, and the partners benefit by having additional products to sell.



# 4.2 Funding tools in times of crisis

# □ Crowd-funding

it is the practice of funding a project or new venture by raising monetary contributions from a large number of people (the "crowd") typically via the Internet.

> Rewardsbased crowdfunding

**Equity-based** crowd-funding



- Venture capital -> investment company whose specialty is financing new, high-potential entrepreneurial companies and second-stage companies.
- typically reap the return on their equity investments in one of two ways:
  - by selling their percentage share of the business to another investor through a private transaction; or
  - 2) by waiting until the company goes public (starts selling stock on the open market) and trading their ownership shares for cash by selling them.



- An important part of obtaining venture capital funding is going through the due diligence process.
- □ Venture capitalists invest money in start-ups in "stages," meaning that not all the money that is invested is disbursed at the same time.
- Some venture capitalists also specialize in certain "stages" of funding.



#### TABLE 10.4 STAGES (OR ROUNDS) OF VENTURE CAPITAL FUNDING

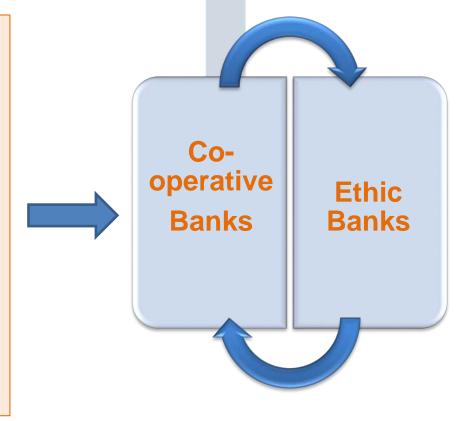
Stage or Round	Purpose of the Funding
Seed funding	Investment made very early in a venture's life to fund the development of a prototype and feasibility analysis.
Start-up funding	Investment made to firms exhibiting few if any commercial sales but in which product development and market research are reasonably complete. Management is in place, and the firm has its business model. Funding is needed to start production.
First-stage funding	Funding that occurs when the firm has started commercial production and sales but requires financing to ramp up its production capacity.
Second-stage funding	Funding that occurs when a firm is successfully selling a product but needs to expand both its capacity and its markets.
Mezzanine financing	Investment made in a firm to provide for further expansion or to bridge its financing needs before launching an IPO or before a buyout.
Buyout funding	Funding provided to help one company acquire another.

- □ angel investor a wealthy individual who invests in businesses.
- ☐ There are also investors and investment companies whose specialty is financing new, high-potential entrepreneurial companies and second-stage companies.
- ☐ They typically expect to earn 6 to 10 times their money back over a five-year period, or a 45 percent return on investment.
- ☐ If your business does not meet the high-flying profit picture that would attract venture capitalists, or does not require so much financing, it might still be of interest to **angel investors**.
- ☐ If your business has good management in place and a solid business plan, you might be able to raise angel financing.
  - Elevator pitch



# 4.4 Ethical and Social Funding tools

Financial exclusion refers to a process whereby people encounter difficulties accessing and/or using financial services and products in the mainstream market that are appropriate to their needs and enable them to lead a normal social life in the society in which they belong





# 4.4 Ethical and Social Funding tools



**Ethic Banks** 



Caixa Popular

Triodos





Crédite Agricole Banca Popolare Etica





#### **Always remember:**

"Nothing ventured, nothing gained"



# **Lesson 5: Innovation**

**Company Establishment and Entrepreneurship** 

Vanessa Campos, Ph.D.

#### **Table of contents:**

- 5.1 Innovation management: Smart firms and Start-ups
- **5.2 The Innovation-Ambition matrix**
- **5.3 Social Innovation**

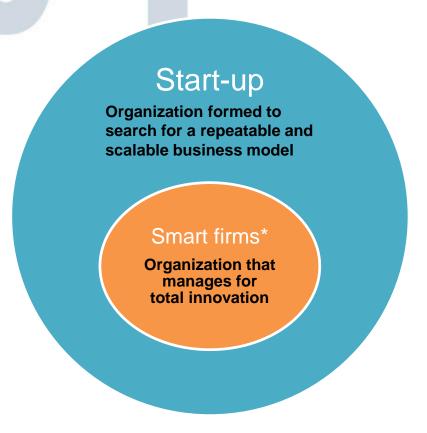
#### References:

- ☐ Tuff, G., & Nagji, G. (2012). Managing your innovation portfolio. *Harvard Business Review*. (Reading Lesson 5, available on Virtual classroom -> sections 5.1 and 5.2)
- □ <a href="http://ec.europa.eu/growth/industry/innovation/policy/social\_en">http://ec.europa.eu/growth/industry/innovation/policy/social\_en</a> (section 5.3)



#### 5.1 Innovation management: Smart firms and Start-ups

- Business Competitiveness = f (ability to innovate,...)
- Most of businesses in operation show many dispersed innovation efforts
- Lack of management for "total innovation" -> look for a balance
- Businesses in operation -> Structure and processes in force are a constrain
- Start-ups are not subjected to that constrain -> Opportunity
- □ Part of start-ups can become smart firms



\* Not all the smart firms are start-ups, some businesses in operation can behave as smart firms and, only those start-ups managing for total innovation are smart firms

#### 5.2 The Innovation-Ambition matrix

3. Funding

**Metrics** 

#### THE INNOVATION AMBITION MATRIX Firms that excel at total innovation management simultaneously invest at three levels of ambition, carefully managing the balance among them. CREATE NEW MARKETS, TARGET NEW CUSTOMER NEEDS TRANSFORMATIONAL **Developing breakthroughs** and inventing things for markets that don't yet exist ENTER ADJACENT MARKETS, SERVE ADJACENT CUSTOMERS **ADJACENT Expanding from** existing business into "new to the company" business ERVE EXISTING MARKETS ND CLSTOMERS CORE WHERE TO PLAY Optimizing existing products for existing customers USE EXISTING PRODUCTS ADD INCREMENTAL DEVELOP NEW PRODUCTS AND ASSETS PRODUCTS AND ASSETS **HOW TO WIN**

	Tool	devel	oped	by	Tuff	and	
	Nagji	in 20	)12 t	o ma	anage	for	
	total ir	novat	tion				
	Evolut	ion fro	om Ar	nsoff's	s mati	ix	
	Firms	can p	oursu	e inn	ovatio	n at	
	3 leve	Is of	ambi <sup>,</sup>	tion -	> 100	k for	
	your b	alanc	е				
	There	is not	a go	lden i	ratio		
Organize and manage the total							
innovation system:							
	1. Talent (skills and competencies ->						
	intangible assets)  2. Integration (flexible processes, be						
		negrand gile	(ווע (ווע	dible b	1006226	;5, DE	

Pipeline management

**LEAN START-UP** 

#### 5.3 Social Innovation

Social innovations are new ideas (products, services or models) that meet social needs, create social relationships and form new collaborations. (Focus is made on social outcomes)

http://ec.europa.eu/growth/industry/innovation/policy/social\_en
(definition and main features EU)

https://www.youtube.com/watch?v=u4Yrkp5\_ov0

https://www.youtube.com/watch?v=IGw63QPZhT0 (EU competition)

www.youtube.com/watch?v=ed0E48boEO4 (Definition and main features USA)

http://www.euronews.com/2015/01/23/what-is-social-innovation-and-why-is-it-good-for-business

(Italian Example)

https://vimeo.com/120460989 (Barcelona Example)



# Lesson 6. New ventures' performance

**Company Establishment and Entrepreneurship** 

Vanessa Campos, Ph.D.

#### **Table of contents**

- 6.1 Entrepreneurial success factors
- 6.2 Main reasons for failure
- 6.3 Social and hybrid enterprises: Shared value creation

#### References:

Porter, M. E., & Kramer, M. R. (2011). : Creating Shared Value. Harvard Business Review, January - February. (Reading Lesson 6)



# 6.1 Entrepreneurial success factors

Good knowledge of the business	
Management	
Attitude	
Adequate funding	
Cash flow management	
Time management	
People management	
Know your customers	
Know competitors	



#### ADAPT TO THE NEW PRODUCTIVE MODEL

#### **RIGID PRODUCTION**

(Long series / Few references / Routinely-repetitive)



(Short batches / Many references / Continuous improvement)

**CUSTOMIZATION PROCESS** 

**INFORMATION MANAGEMENT** 

**KNOWLEDGE MANAGEMENT** 

HIERARCHICAL ORGANIZATIONS

NETWORK AND FLEXIBLE ORGANIZATIONS

**LABOR FORCE** 

**HUMAN CAPITAL** 

STANDARDIZED TECHNOLOGIES



ADVANCED TECHNOLOGIES and ICT

#### 6.2 Main reasons for failure

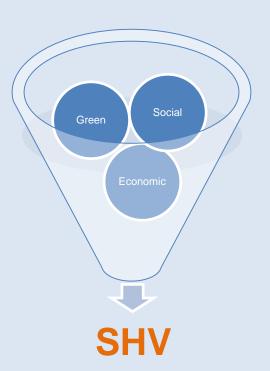
- Bad Business Idea.
- Cash problems
- Managerial Inexperience or Incompetence
- Lack of customer focus
- Inability to handle growth
- The business is not very profitable
- Failure to understand and communicate what you are selling
- Failure to anticipate or react
- Overdependence on a single customer



#### 6.2 Main reasons for failure

- Differences exist by countries and across regions
  - See Global Entrepreneurship monitor report 2019-20 (link available at virtual classroom by the end of Lesson 7)
- o In Spain:
- Shortage of training and education
- Lack of experience
- Poor market knowledge
- Shortage of funding
- Difficulties to get funding
- Wrong personal team

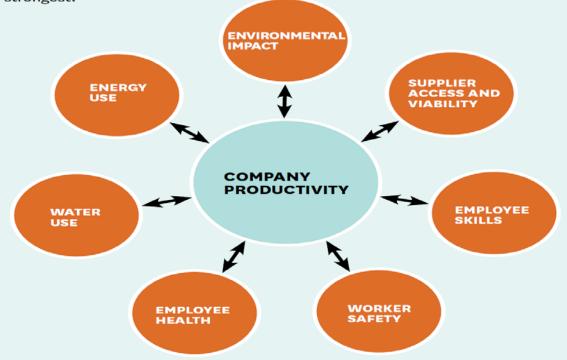
- Social and hybrid enterprises are those that do not work under a narrow perspective of short term profit maximization
- Shared Value: Corporate policies and practices that enhance the competitiveness of a company while simultaneously advancing social and economic conditions in the communities in which it operates
- Create economic value by creating societal value -> What is good for the community is good for business (Michael Porter & Mark Kramer)





#### THE CONNECTION BETWEEN COMPETITIVE ADVANTAGE AND SOCIAL ISSUES

There are numerous ways in which addressing societal concerns can yield productivity benefits to a firm. Consider, for example, what happens when a firm invests in a wellness program. Society benefits because employees and their families become healthier, and the firm minimizes employee absences and lost productivity. The graphic below depicts some areas where the connections are strongest.



Porter and Kramer (2011)



- Operating under the concept of SHV is blurring the boundary between for-profit and, nonprofit organizations, thus giving birth to hybrid enterprises
- According to Porter & Kramer, hybrid enterprises (including social enterprises) are the type of organizations that are taking advantage of SHV approach



#### How?

Reconceiving customer needs, products, and markets

Redefining productivity in the value chain

Enabling local cluster development



#### HOW SHARED VALUE DIFFERS FROM CORPORATE SOCIAL RESPONSIBILITY

Creating shared value (CSV) should supersede corporate social responsibility (CSR) in guiding the investments of companies in their communities. CSR programs focus mostly on reputation and have only a limited connection to the business, making them hard to justify and maintain over the long run. In contrast, CSV is integral to a company's profitability and competitive position. It leverages the unique resources and expertise of the company to create economic value by creating social value.

# CSR-CSV

- > Value: doing good
- Citizenship, philanthropy, sustainability
- Discretionary or in response to external pressure
- Separate from profit maximization
- Agenda is determined by external reporting and personal preferences
- Impact limited by corporate footprint and CSR budget

Example: Fair trade purchasing

- Value: economic and societal benefits relative to cost
- Joint company and community value creation
- Integral to competing
- > Integral to profit maximization
- Agenda is company specific and internally generated
- Realigns the entire company budget

Example: Transforming procurement to increase quality and yield

In both cases, compliance with laws and ethical standards and reducing harm from corporate activities are assumed.

Porter and Kramer (2011)



#### Entrepreneurship and business establishment

# **Lesson 7: Support to entrepreneurs**

**Dr. Vanessa Campos-i-Climent** 



# Learning outcomes:

☑ Know the main support institutions in the EU, Spain and Valencian lands
 ☑ Know how to take part in a incubating / accelerating program



# **Table of contents:**

- 7.1 Support institutions
- 7.2 Incubators and accelerators



# 7.1 Support institutions

#### **□**European Comission:

- http://ec.europa.eu/growth/smes/cosme\_en
- ERDF and ESF
- http://ec.europa.eu/regional\_policy/en/funding/erdf/
- □ Spanish Government: "Secretaría general de industria y de la PYME"
- PAE-> "Punto de atención al emprendedor"
- http://www.paeelectronico.es/es-ES/Paginas/principal.aspx
- ICEX -> <a href="http://www.icex.es/icex/es/index.html">http://www.icex.es/icex/es/index.html</a>
- ICO-> <a href="https://www.ico.es/en/web/ico\_en/about-ico-https://www.ico.es/en/web/ico\_en/video-library">https://www.ico.es/en/web/ico\_en/video-library</a>



# 7.1 Support institutions

□ Autonomous Government "Generalitat Valenciana"









http://ceeivalencia.emprenemjunts.es/index.php?op=8&n=10819

□ Chambers of commerce

http://www.camaravalencia.com/va-es/emprendedores/pagines/default.aspx



# 7.2 Incubators and accelerators



http://ceeivalencia.emprenemjunts.es/?op=130&id=353



http://www.pcuv.es/docroot/pcuv/img/logo-pcuv.jpg



http://www.camaravalencia.com/es-ES/emprendedores/viverosempresas/Paginas/default.aspx



#### 7.2 Incubators and accelerators



València Council

https://www.lasnaves.com/collab/65302/

Founded by Juan Roig, owner of Pamesa and Mercadona

http://lanzadera.es/

Founded by Florida co-operative University

http://valencialab.com/