

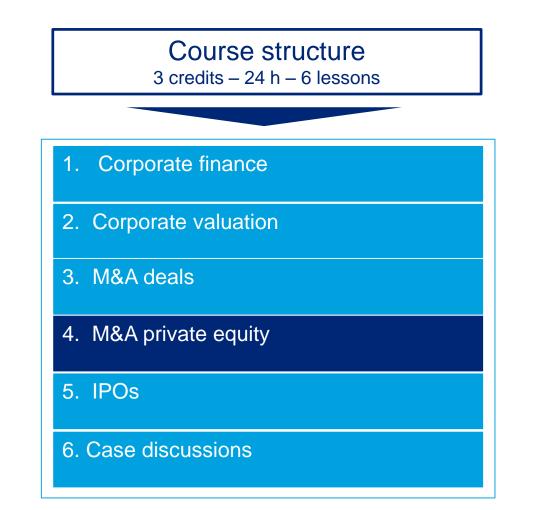
Advanced Corporate Finance

Lorenzo Parrini



Introduction

Course structure





Lesson 4 M&A Private Equity

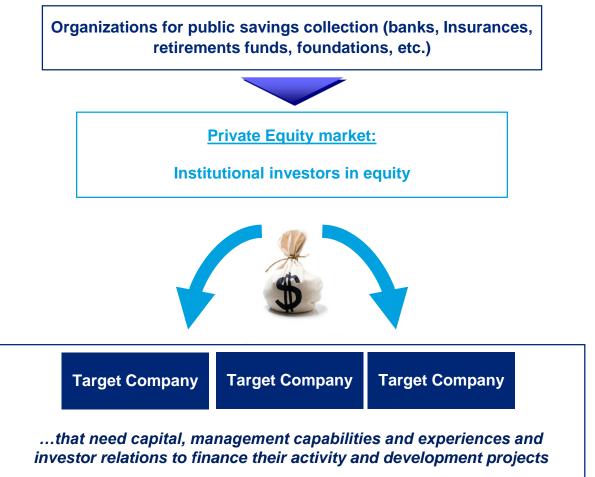
Lesson 4 Summary



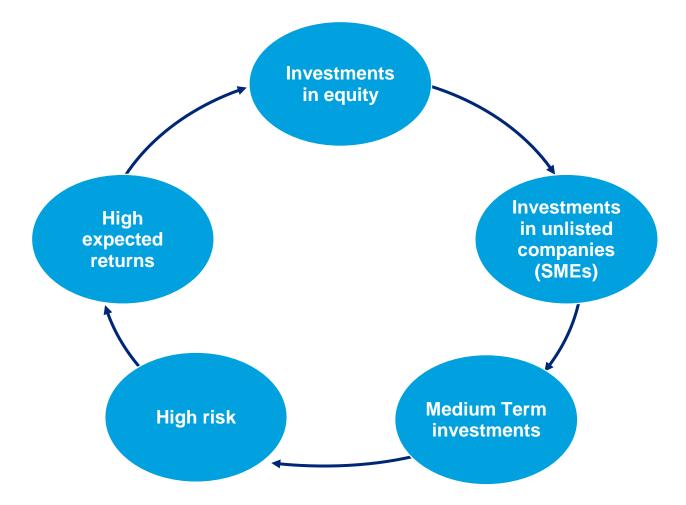
4 Private Equity process



Private Equity represents the activity of equity investments in companies with growth potential, realized by institutional investors, aimed at obtaining a high return in the short-medium term.



Elements that define and mark Private Equity activity are:



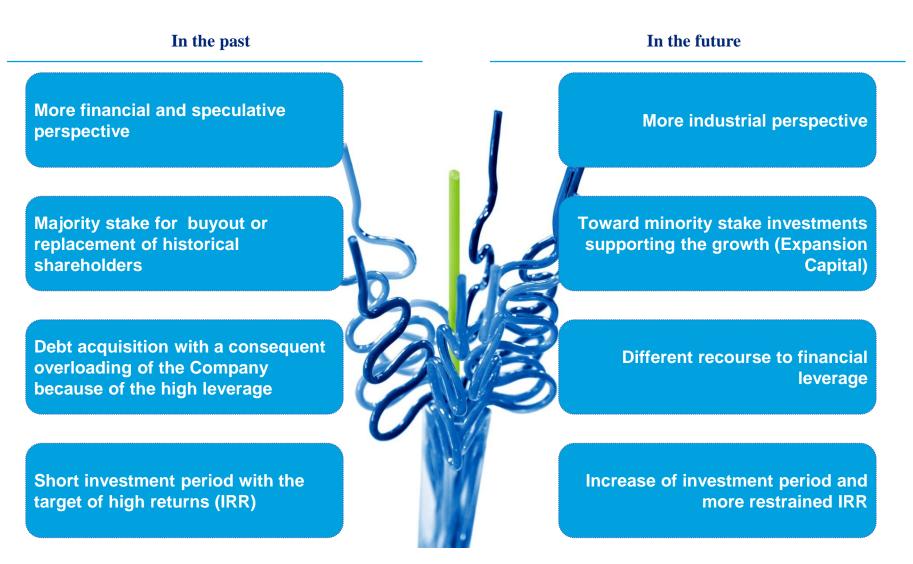


Annual investments by number and amount



■ Number of Operations ■ Amounts(€ mn)





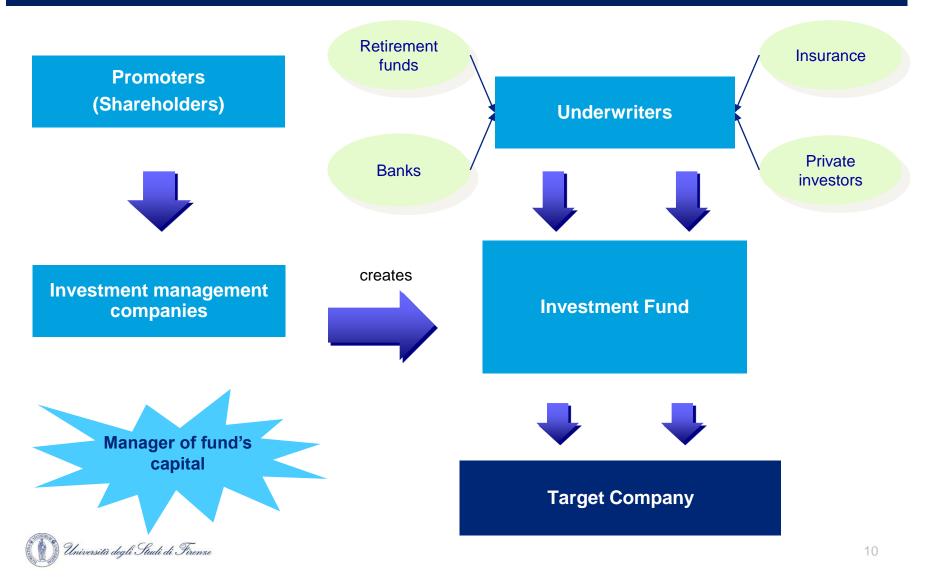


Private Equity investments are realized by different kind of specialized operators and institutional investors





Closed end funds funds



Closed end funds funds

The Investment Management Company is the key element of the fund activity. Its functions are: creating the fund itself, establishing its regulation and managing its portfolio. Investment Management Company's fees are fund's operative costs (management costs)



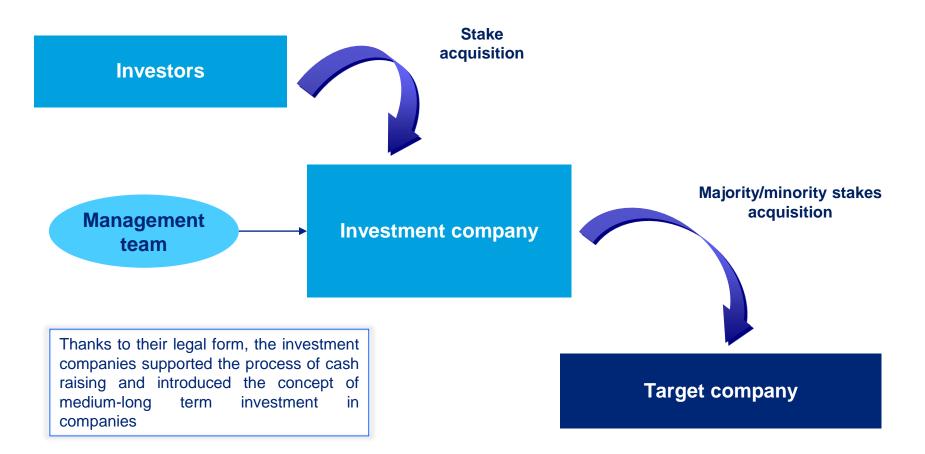
Management fees for recurring operations: they usually amount to 1,5% - 2,5% of the whole underwritten value during investment period (usually first 3-4 years), and of Net Asset Value (NAV) for the following period until deadline.



Carried interest: calculated as a percentage, usually 20%, of the net capital gain realized by fund's underwriters. It's usually paid out only for the sum exceeding a minimum prefix *return on* recognized to underwriters (*hurdle rate*), that usually varies between 5% and 8% annual compound rate.



Investment companies





| Closed end funds vs Investment companies | | | |
|--|--|---|--|
| Key aspects | Closed end funds | Investment Company | |
| Fund raising | Through an advisor or directly from the Investment Management Company. The stocks have to achieve a minimum amount by a certain term to permit the fund constitution. | Shares or financial tools (necessary to take part) are raised through the acquisition on the market or through Public Offers. | |
| <u>Management</u> | IMC's Board of Directors, that first of all realizes the investment process and than manages the target companies. | the Investment Company through its own management team decides the investments/divestments in the target companies. | |
| <u>Remuneration</u> | <i>"Return on"</i> determined through performance indicators as IRR (Internal Rate of Return) and the Cash Multiple (investment value/invested capital). | <i>"Return on"</i> determined through performance indicators as IRR (Internal Rate of Return). | |
| <u>Deadline</u> | The fund has a fixed deadline, after whom the stakes are paid off. | There isn't usually a deadline. Investors can exit selling their stakes on capital market. | |
| Fee | Fees due to fund's manager: -Retainer fee (management fee) -Performance fee (carried interest). | There are no fees, in relation to the fact that the manager is the Investment Company itself. | |
| Listing | In the MTF segment (Mercato Telematico dei Fondi) dedicated to negotiation of closed listed funds (Class 2) and to Investment Companies (Class 3). | | |



Why Private equity? Private Equity Regulatory Framework

There are no particular regulatory items related to companies' access to Private Equity

Private Equity, indeed, is only «upstream» regulated, in terms of regulation of operator's activity

Funds → Investment Management Companies

Banks, financial companies and public operators

✓ Italian regulation: Testo Unico della Finanza (D.Lgs. 24 febbraio 1998 n.58)

- ✓ Standards for implementation issued by:
 - Ministry of Tresury, of Finance and Economic Development
 - Bank of Italy
 - Consob

✓ Specific rules related to player's sector



Why Private equity? Fund raising process

Phases

- 1. Individuation of target market
- 2. Formulation of investment strategies
- 3. Definition of the target amount for the fund raising
- 4. Marketing strategies
- 5. Placement and underwriting
- 6. Follow-up

Key elements

Times:

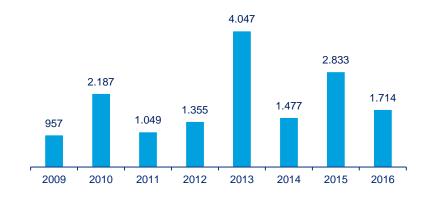
- *Pre-marketing* phase: fund conception, market tests, official announce of fund's start
- Fund raising phase: presentation document, stakes underwriting
- Fund raising medium term for a new fund: 6 -18 months
- ✤ Costs:
 - Direct costs: placing agents, marketing costs, legal costs, out of pocket expenses
 - · Indirect costs: time employed by management team
- Due diligence:
 - · Track record analysis investor that raises capital
 - Management team: experiences, organization and fees
 - Terms and conditions of fund operation



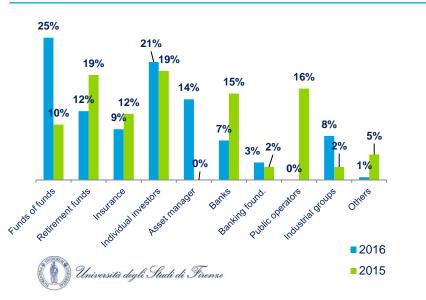


Why Private equity? Fund raising process

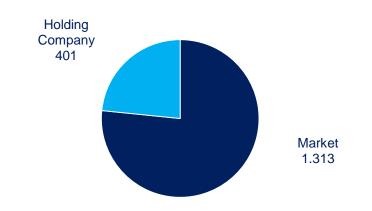
Evolution of fund raised by Italian PE (€mn)



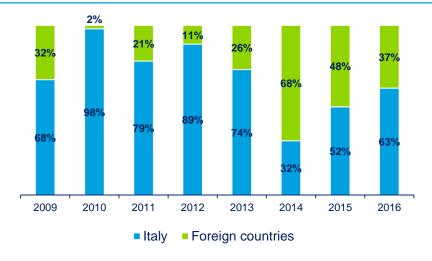
Raised capital breakdown by operator (€mn)



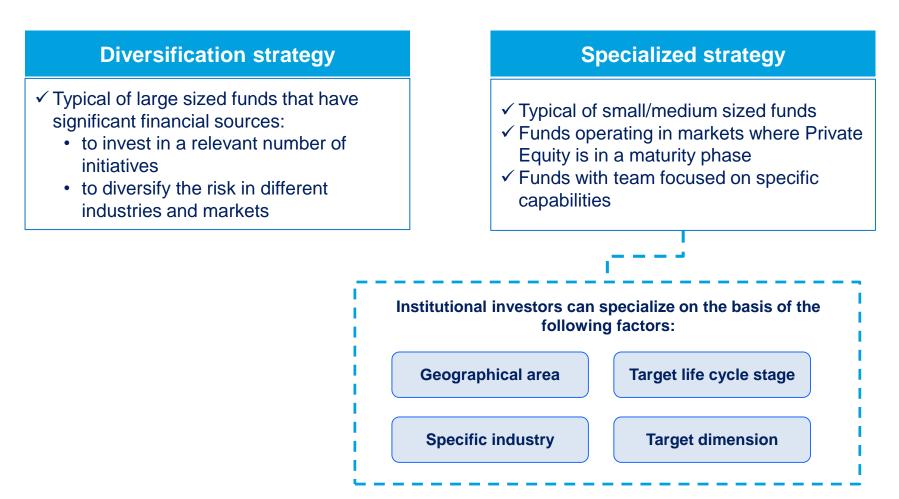
Source of raised capital in 2016 (tot. 1.714 €mn)



Capital raised operators geographical breakdown (€mn)



Funds' strategies related to the use of investments can be classified on two opposite approaches, in part conditioned by the nature of investors:





Geographical specialization

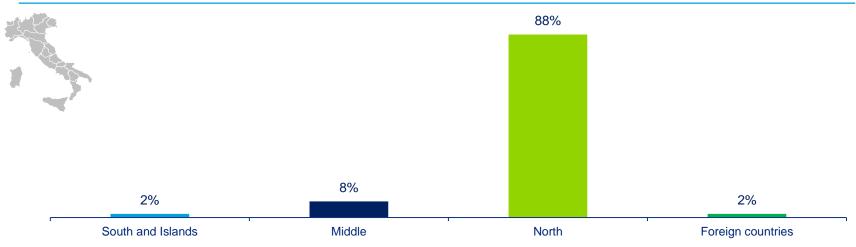
Specialization on a specific geographical area can be defined as follow



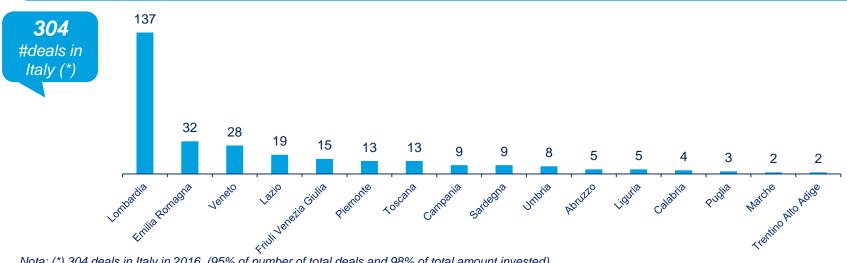




Invested Amount, breakdown by geographical area (2016)



Number of investment, breakdown by region (2016)



Nota: (*) 304 deals in Italy in 2016. (95% of number of total deals and 98% of total amount invested)



Industry specialization

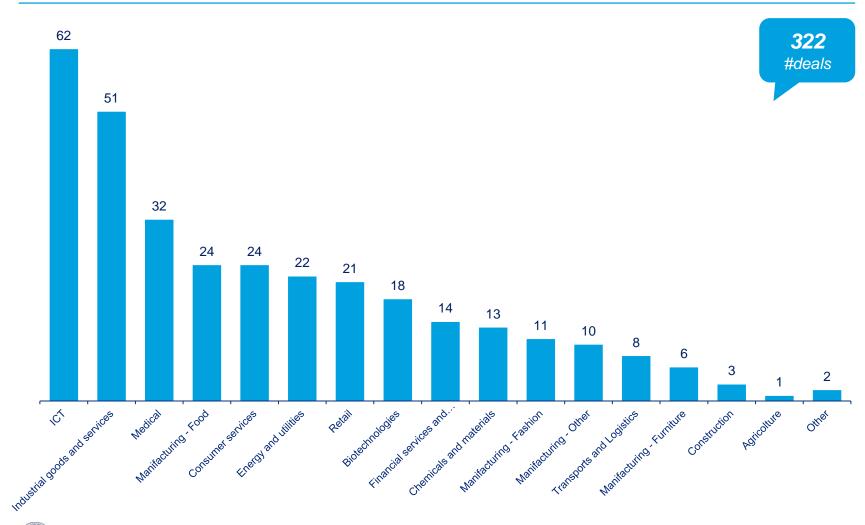
If the focus is on a specific industry where the PE fund has specific competencies a company can identify the following advantages



Synergies

Operative synergies can take place between companies of the same fund, like so partnership agreements, strategic alliances ("industrial poles")



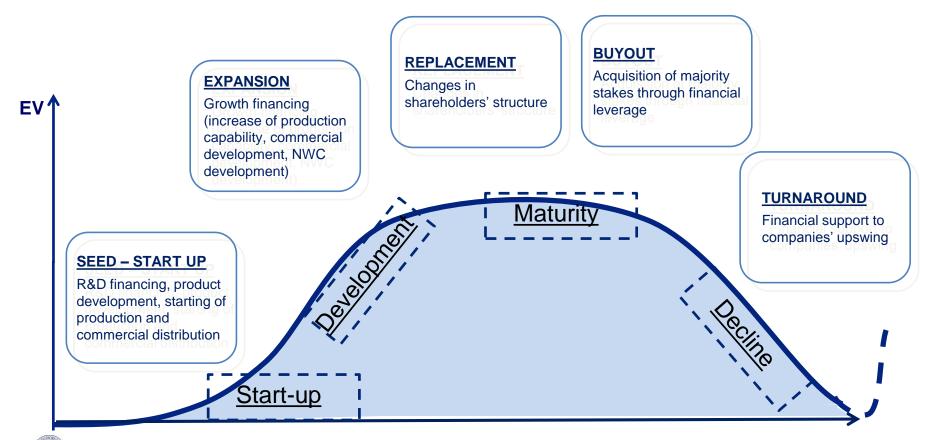


Number of investments: breakdown by industry (2016)



Target life cycle stage

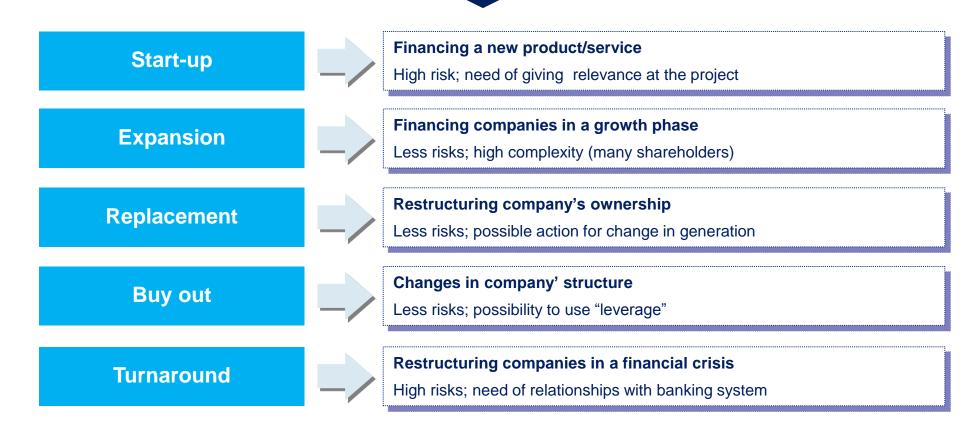
In relation to Company's life cycle phase there are typical extraordinary transactions



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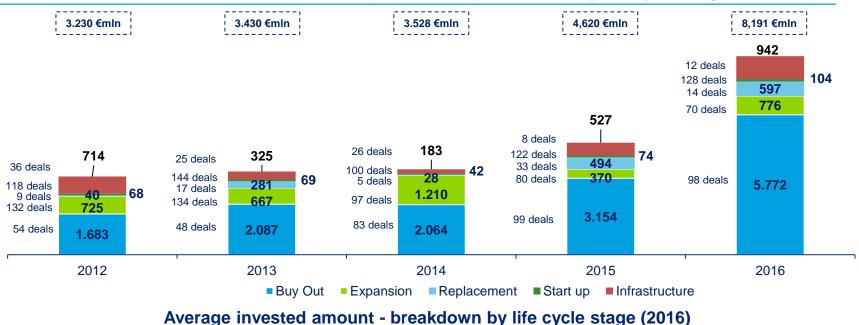
Target life cycle stage

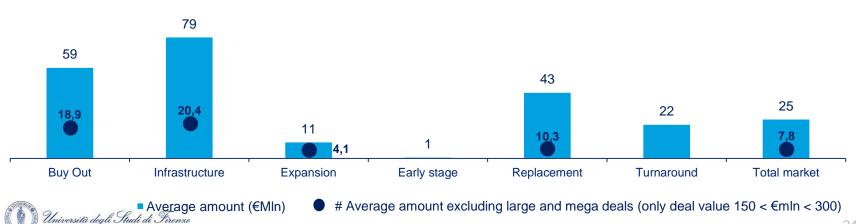
If the focus is on a specific life cycle stage the activities conducted by a PE fund can be different, such as:





Investment distribution trend (2012 – 2016) breakdown by life cycle stage



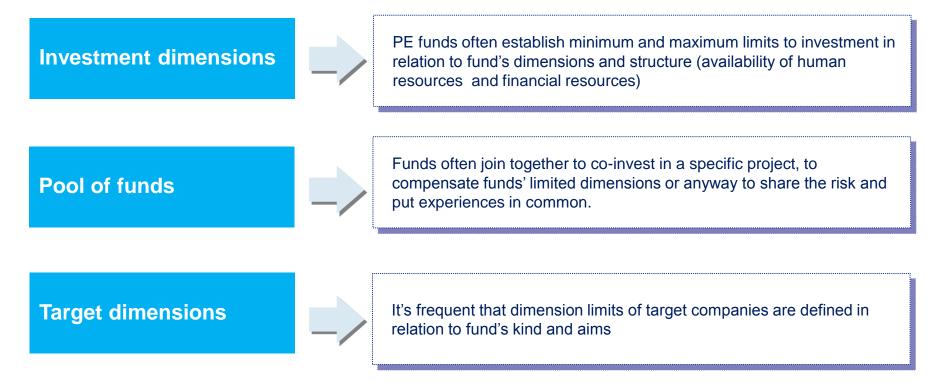


Source: AIFI

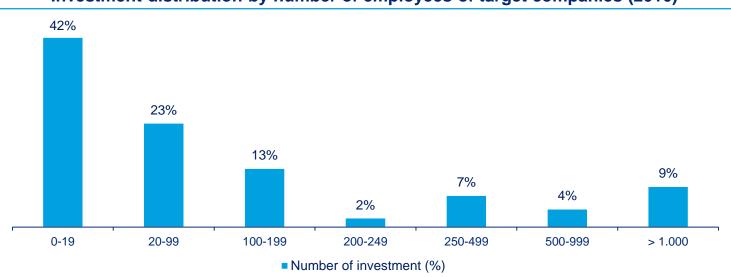
Target dimension

Specializations related to dimension can be related to:



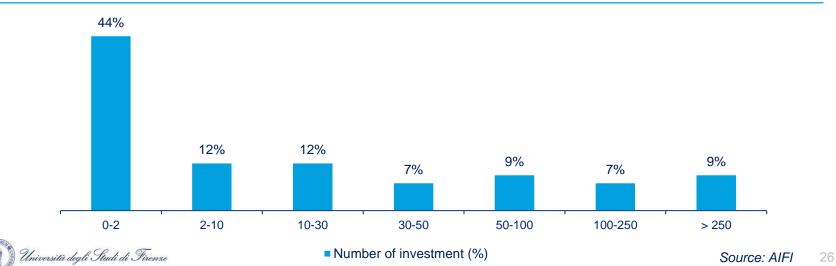




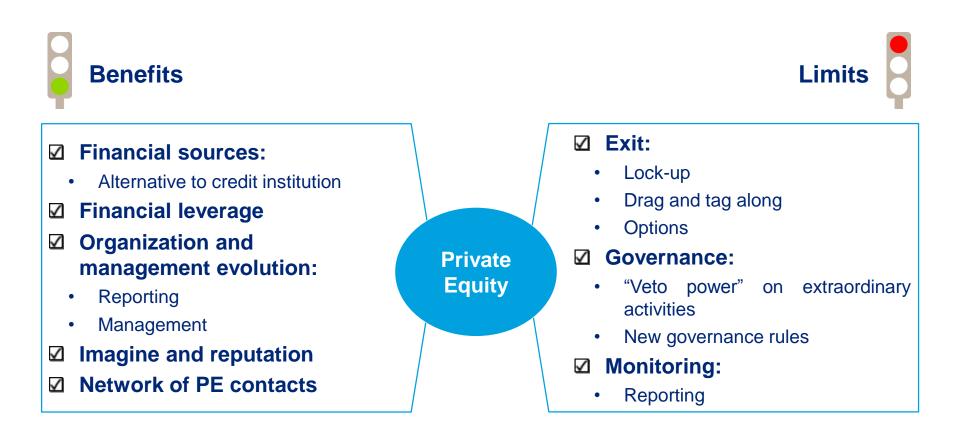


Investment distribution by number of employees of target companies (2016)

Investment distribution by target companies turnover €mn (2016)

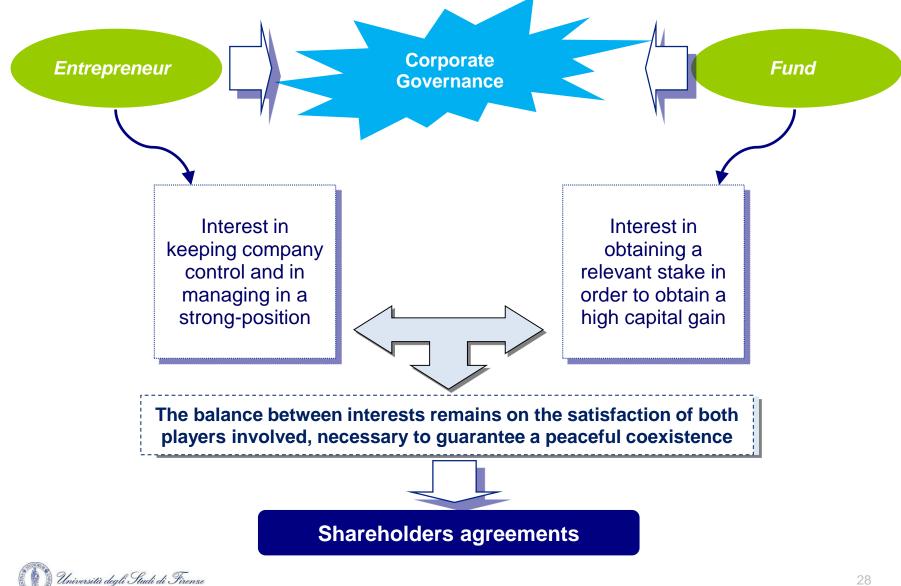


Why Private equity? Benefits and limits of Private Equity



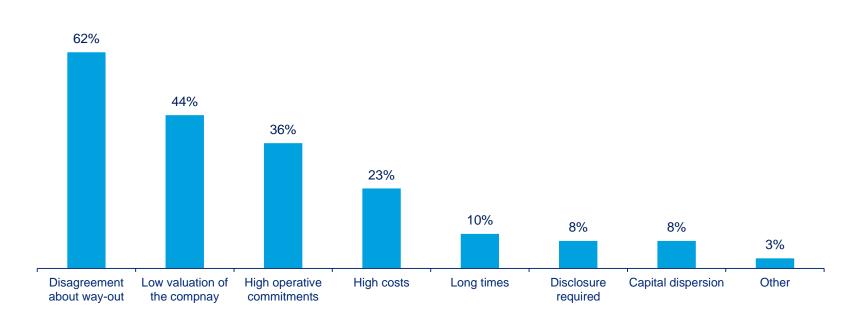


Why Private equity? Benefits and limits of Private Equity



Why Private equity? Benefits and limits of Private Equity

Results of a survey about companies' common fears and worries in relation to the entrance of new shareholders in the ownership structure





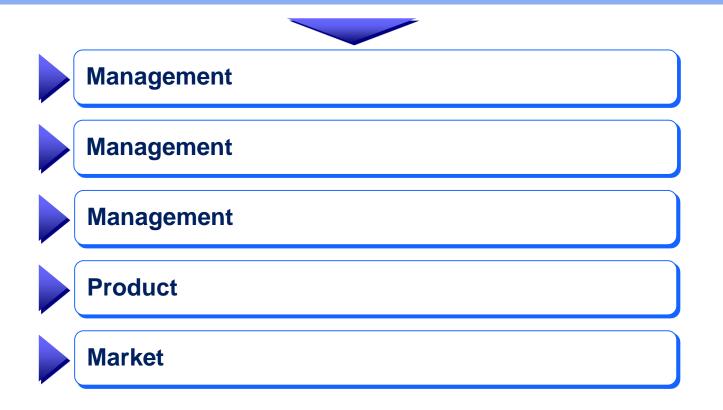
Lesson 4 Summary





Strategies of investment funds can change substantially from a fund to another in relation to investor's features and underwriters' features

However, there are some fundamental requirements that are <u>ALWAYS</u> required in target company's structure and strategic organization





Management

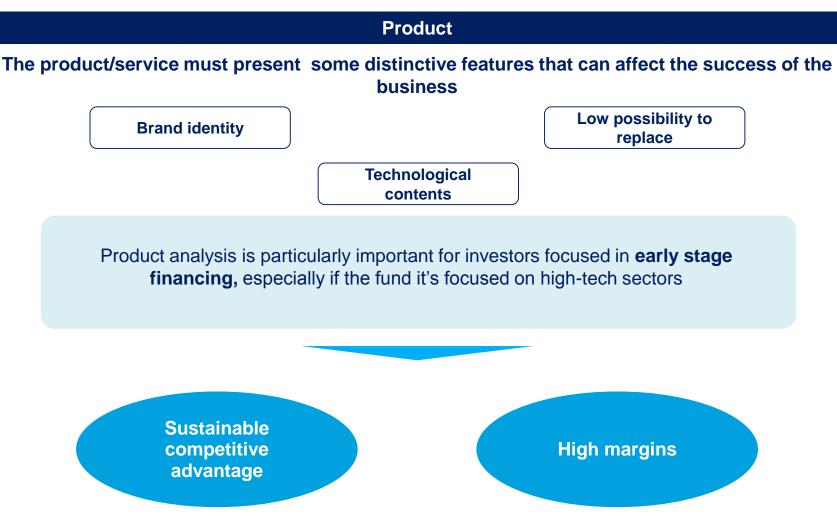
Management and entrepreneur's quality and capabilities are the key factor in the investment choice of a fund



The project is feasible, and the partnership possible, *if, and only if,* the management has significant qualitative capabilities such as: leadership, industrial vision, creativity, determination and good sense.









Market

The market where the target Company operates with its products/services should be characterized by a high possibility of develop and significant growth rates

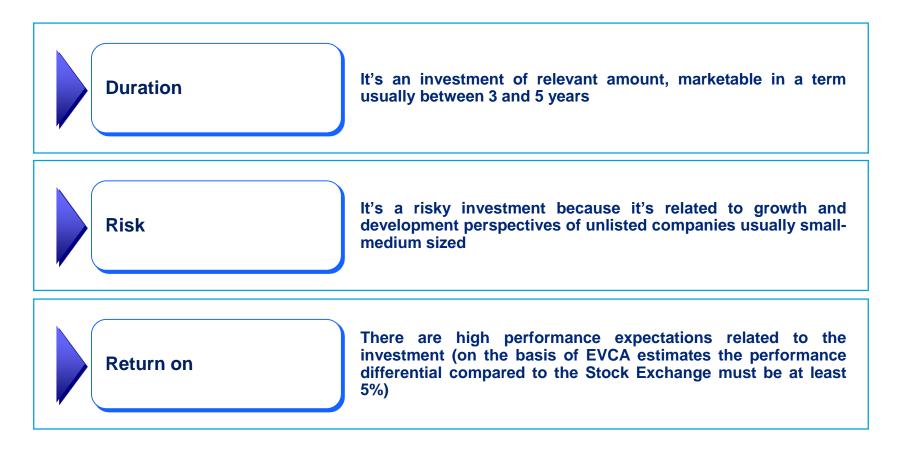
| Key Areas | |
|---|---|
| Market dimension, to quantify the potential market share | |
| Marketing plan, to understand the necessary actions to achieve proposed sales' levels | |
| Market strategy, in particular high importance is given to company's positioning | × |
| | |

- ✓ Growth perspectives
 - ✓ High margins
- ✓ New sectors (ex Internet in 90's)
 - ✓ New technologies
 - ✓ Competitive system
 - ✓ Entrance barrier



Private Equity requirements Requirements related to expected remuneration

Target company has to hold peculiarities and plans consistent with the features of PE investments. In particular:

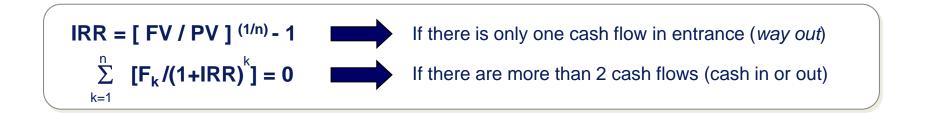




Private Equity requirements Requirements related to expected remuneration

IRR

Investors' remuneration in risk capital is measured by the annual compound interest of investment, since the moment it has been realized to the moment of stock divestiture (IRR)



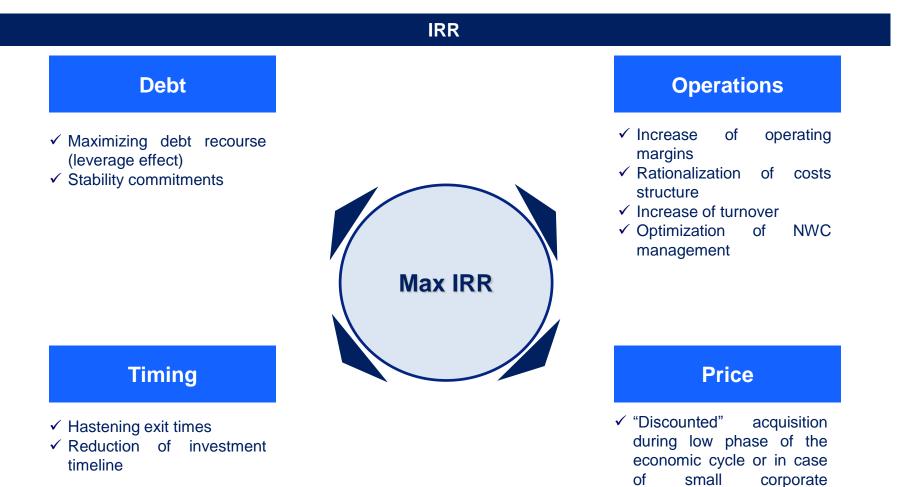
where:

- n = Investment duration (number of years)
- PV = Realized investment
- FV = Cash in at the moment of divestment
- F = Generic cash flow (cash in or cash out)

To foresee the IRR it's necessary to evaluate <u>*n*</u> and <u>*FV*</u>: no financial investor will invest in a company, if there isn't the forecast of a minimum IRR.



Private Equity requirements Requirements related to expected remuneration



dimensions compared with

✓ Aggregation effect and/or arbitrage on exit multiple

the sector

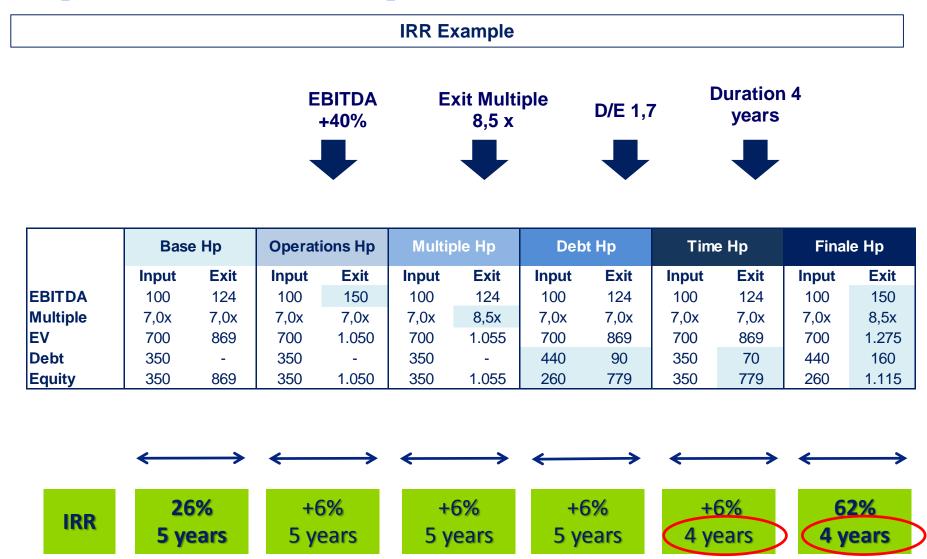
Requirements related to expected remuneration

IRR Example

| Base Hp: | Final Hp: |
|---|---|
| EBITDA growth 24% | EBITDA growth 50% |
| Entry Multiple = Exit Multiple | Exit Multiple = 8,5x |
| D/E = 1,0 | D/E = 1,7 |
| Investment duration 5 years | Investment duration 4 years |
| Debt annual reimbursement quota € 70 | Debt annual reimbursement quota € 70 |



Requirements related to expected remuneration



Requirements related to expected remuneration

IRR Example

Operations Hp





Requirements related to expected remuneration

IRR Example

Multiple Hp



Requirements related to expected remuneration

5 years

Debt Hp

| | Base Hp | | - | Debt Hp | |
|----------|---------|------|---------|---------|--|
| | Input | Exit | | Exit | |
| EBITDA | 100 | 124 | | 124 | |
| Multiple | 7,0x | 7,0x | | 7,0x | |
| EV | 700 | 869 | D/E 1,7 | 869 | |
| Debt | 350 | - | | 90 | |
| Equity | 350 | 869 | | 779 | |

INN

5 years

Requirements related to expected remuneration

| IRR Example |
|-------------|
|-------------|

Time Hp

| | Base Hp | |
|----------|---------|------|
| | Input | Exit |
| EBITDA | 100 | 124 |
| Multiple | 7,0x | 7,0x |
| EV | 700 | 869 |
| Debt | 350 | - |
| Equity | 350 | 869 |

| | Time Hp |
|---|---------|
| Γ | Exit |
| | 124 |
| | 7,0x |
| | 869 |
| | 70 |
| | 779 |





Requirements related to expected remuneration

| IRR Example |
|-------------|
|-------------|

Final Hp

| | Base | е Нр | EBITDA | Finale Hp | |
|----------|-------|------|---------------|-----------|-------|
| | Input | Exit | +40% | Input | Exit |
| EBITDA | 100 | 124 | Exit Multiple | 100 | 150 |
| Multiple | 7,0x | 7,0x | 8,5 x | 7,0x | 8,5x |
| EV | 700 | 869 | D/E 1,7 | 700 | 1.275 |
| Debt | 350 | - | | 440 | 160 |
| Equity | 350 | 869 | | 260 | 1.115 |
| | · | | | | |

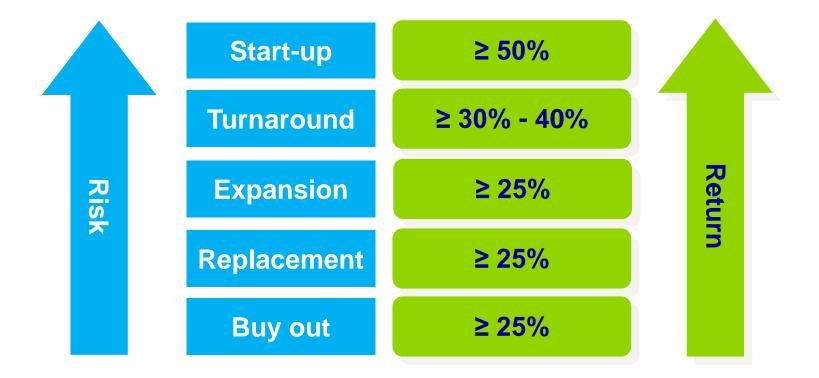




Private Equity requirements Requirements related to expected remuneration

Expected returns on investments depend on the risk that the investor is willing to hold

Higher is the hold risk higher is the expected return



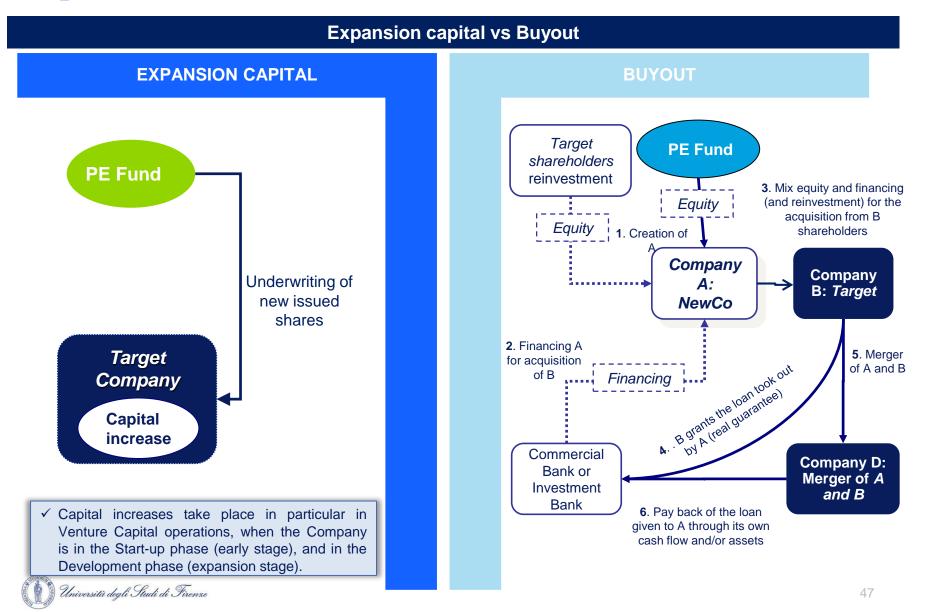


Lesson 4 Summary





The structure of a PE operation Corporate structure



The structure of a PE operation Corporate structure

Expansion capital vs Buyout

EXPANSION CAPITAL

Aim: financial sources to support company growth Resources for the company

Growth as a driver of value creation

Usually minority stake

Deal value on average lower (2016 average deal value = $10,6 \in mn$).

BUYOUT

Aim: changes in shareholders' structure (eg. change in generation). <u>Marketability for shareholders</u>

Financial leverage as a driver of value creation

Usually majority stake

Deal value on average higher (2016 average deal value = 58,9 €mn).

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The structure of a PE operation

Corporate structure

Expansion Capital

Requirements for capital expansion are:

S.p.A

- ✓ Approval of the extraordinary shareholders meeting with a qualified quorum (more than half capital)
- ✓ Company interest
- Price per share determined on the basis of equity value, considering (just for listed companies) share's trend in the last semester

S.r.l

- Specific indication in the certificate of incorporation of the possibility to expand capital through the offering of new issued shares to third parties
- Approval of the shareholders meeting with a qualified quorum (at least half capital) except for a different instruction in the certificate of incorporation
- Right of withdrawal for dissenting shareholders



The structure of a PE operation \tilde{a}

Corporate structure

Buy out

Civil aspects of Leverage Buy Out after Reform in 2003 (D. Lgs 6-2003)

LBO

- ✓ Maintenance of articles 2357, 2357-quater and 2358 of Italian Civil Code
- ✓ Introduction of new art. 2501 bis C.C → Merger in case of Leverage Buy Out:

In case of merger if one of the companies involved took out a debt to acquire control over the other one, when after the merger the capital of this last one represents a generic guarantee or source of reimbursement for those debts, the following discipline is applied (comma 1):

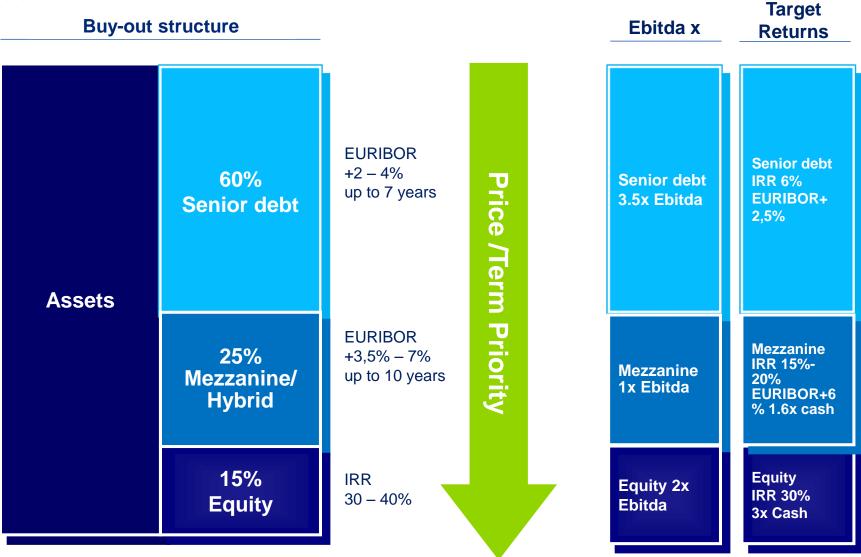
Disclosure commitments:

- Stating in the merger projects the financial sources necessary for fulfilling the debt of the post-merger company
- Explaining the financial and economic reasons of the operation in a specific report
- Disposing an economic and financial plan that underlines financial sources and objectives pursued with the operation

Certificate commitments:

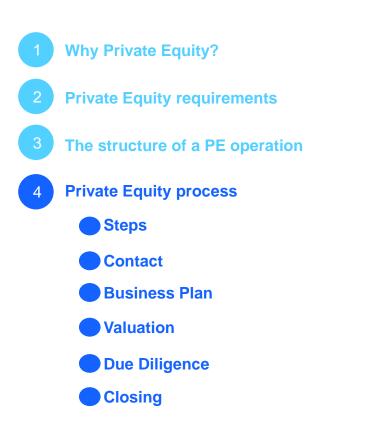
- Adequacy relation
- Audit company (if one of the involved companies is subjected to mandatory audit)

The structure of a PE operation **Debt structure**

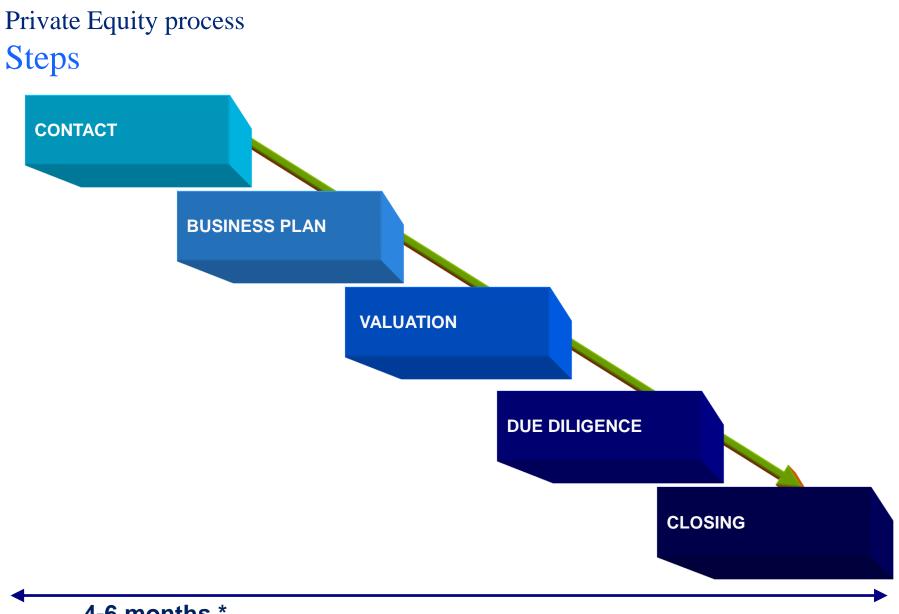




Lesson 4 Summary







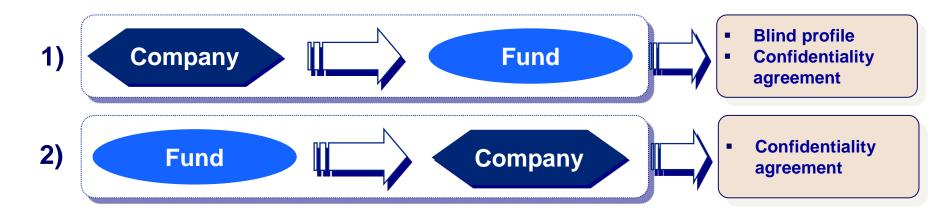
4-6 months *

*Possible changes in relation to specificities of the operation



Private Equity process Contact

Two contact possibilities between a company and a fund



Blind profile

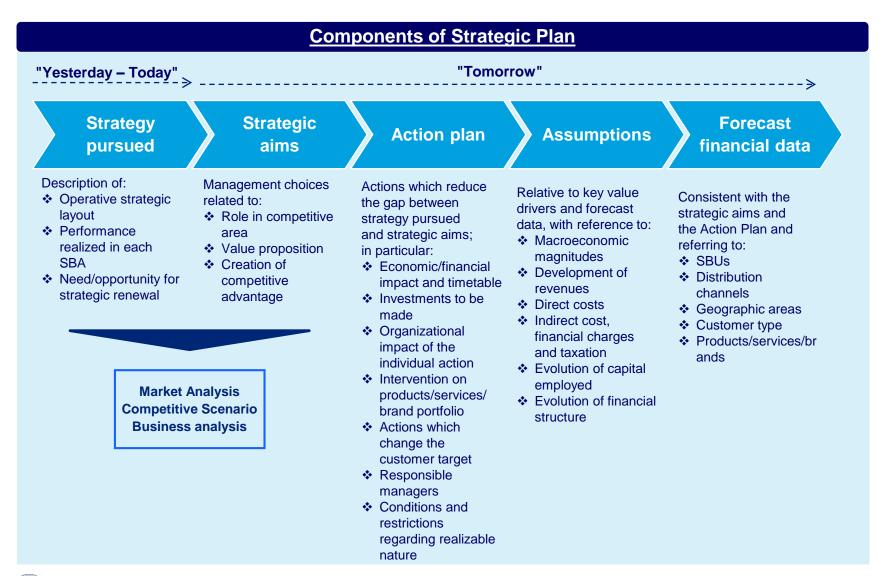
A blind profile is a short description (1-2 pages) of company and project and it is aimed at starting a first contact with potential investors to test the interest in the operation.

Confidentiality agreement

The confidentiality agreement is a legal contract through which the fund undertakes the commitment to keep confidentiality on the information that the company of course reveals during the transaction



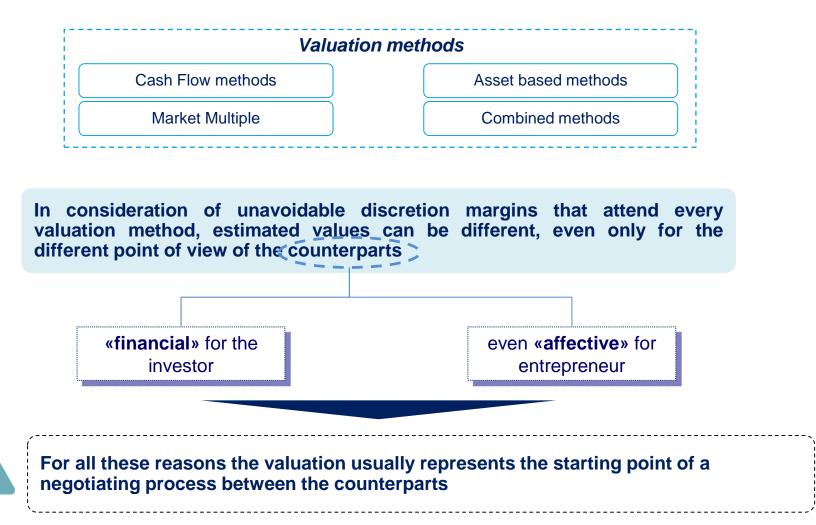
Private Equity process Business Plan



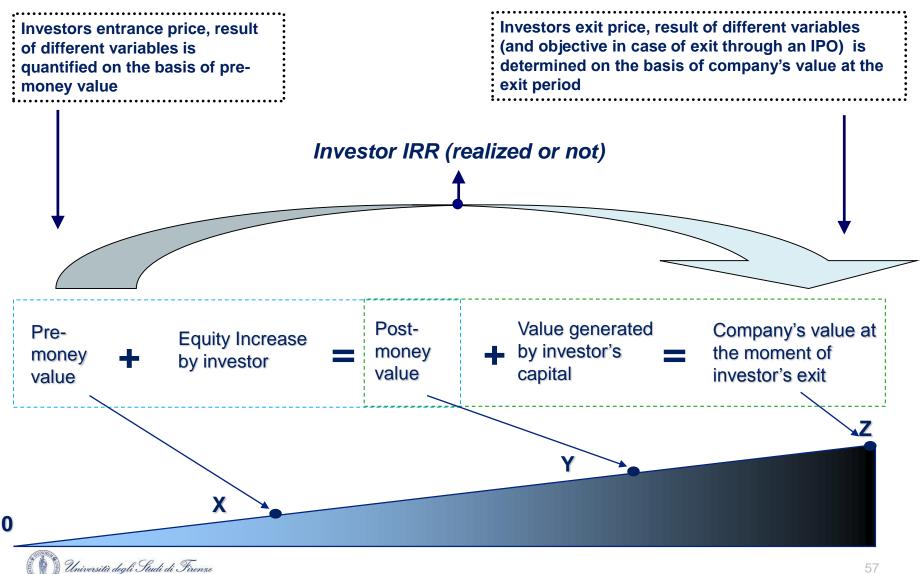
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Private Equity process Valuation

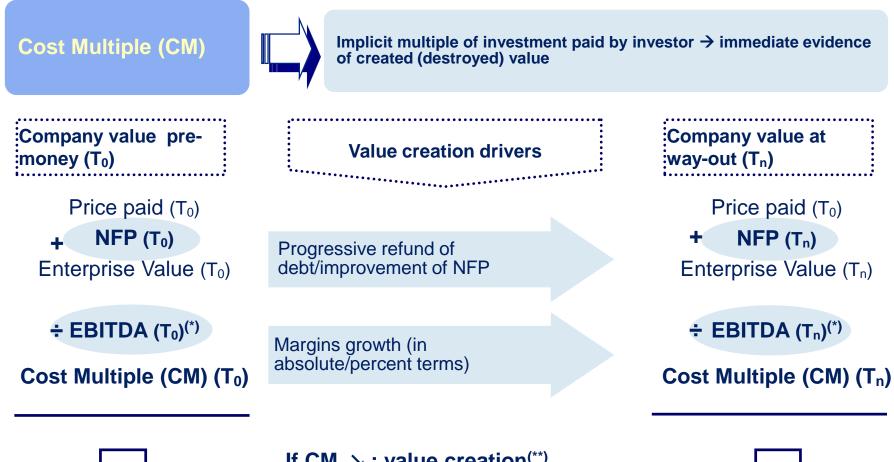
Company valuation is one of the main issue during a negotiation between parties



Private Equity process Valuation: implications in PE



Private Equity process Valuation: implications in PE





If CM ↘: value creation^(**) If CM ↗: value destruction ^(**)



(*) Or another economic-financial indicator (**) <u>Hp of stable entrance-exit multiple</u> Università degli Studi di Firenze

Private Equity process Valuation: implications in PE

In a PE deal margins for price determination are much higher than those applied in shares settlement on equity market through an IPO



A lot of negotiation possibilities

For example, the following tools can be used:

- ✓ Convertible bonds;
- *Earn-out*: subsequent price integration related to the achievement of specific goals (revenues in a determined SBU, Ebit, incomes after tax, etc.);
- ✓ Price can be commensurated with achieved results;
- Other possibilities, individuated in every circumstance in relation to the specific needs of counterparts.



Private Equity process Due Diligence

Aim

Due Diligence is a deep analysis of the target Company that the investor realizes directly or through the help of external advisors after the achievement of an agreement about the investment.

Verifying the presence of elements that don't allow to realize the investment or (more likely) that require reviews and revisions of one or more contractual conditions (price, guarantees, etc.)

"Light" Due diligence



It's the first phase of due diligence process. The investor directly collects information about the target company, through site visits, meetings with entrepreneur, management and experts

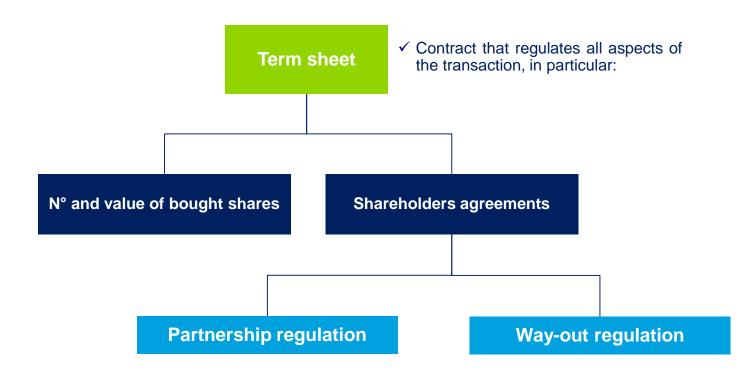
"Heavy" Due diligence



It's a subsequent phase, conducted by external advisors, which realize careful inspections on behalf of the investor, testing different aspects of the target Company



Last phase of PE process, before closing the operation, is the draft of the Term Sheet





Partnership regulation (1/2)

There are different aspects related to relationships between the Company and the investor that must be regulated

Milestones to achieve

Non competition agreements

Information commitment (reporting, etc.)

Incentives

Veto rights on particular decisions

Anti-dilution formulas (in case of second and third round of financing)



Partnership regulation (2/2)

Main tools of partnership regulation are

Safeguard covenants

Drag along Agreements

Provision aimed at protecting the investor in case of minority stakes: it concerns the right to obligate others (minorities) to sell their shares in order to optimize investor's way-out. Tag along Agreements

Provision aimed at protecting minorities: it concerns minority shareholder's right to sell its shares under the same conditions achieved by the majority shareholder in case of sell of its stock at way-out moment.



Way-out regulation

The last step of the process is the divestment phase, that usually occurs in a period of 5-7 years after the deal.

Divestment process is a really delicate and complex phase, indeed it must satisfy two conditions for the investor:

- It must provide cash for new investments
- * It must realize such capital gain to generate high returns that satisfy the expectations





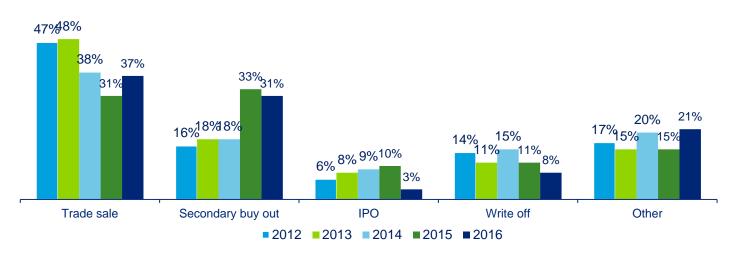
Way-out regulation

Deal Success

| IPO | Listing of target Company in a regulated market (IPO) is the most desired way-out procedure for the possibility to easily divest at a high value minority stakes | | | |
|--|---|----------------|--|--|
| strategy of the | through a private sale to an industrial investor is the most common way-out. It supposes an active fund that, directly or through an advisor, continually controls the market in which the Company dinteresting M&A opportunities | Trade sale | | |
| Secondary buyout | The divestiture through a private sale to another financial investor is less common than trade sale, higher difficulty in finding interested investors and the lower valuation of owned stakes | because of the | | |
| The entrepreneur's buy back (put or call) is the common way out procedure followed by passive funds, often related to not satisfying company's performances. | | | | |

Deal Failure





Evolution of way-out procedures by number



