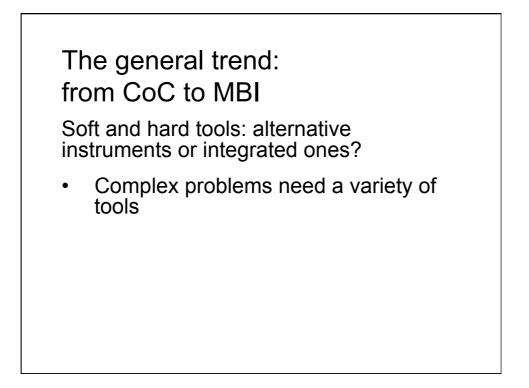
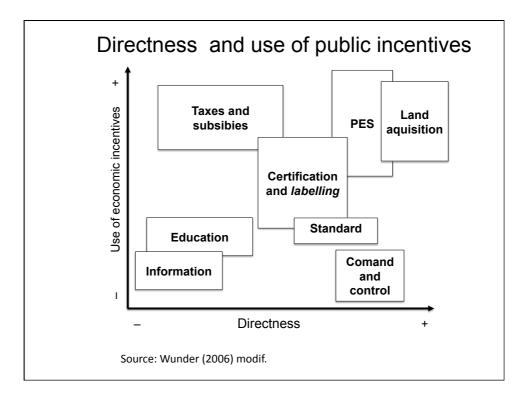


	Tool		Direct costs for the public sector	Transaction costs for the public sector	Approach	Participation by the privates	
Passive: Command and control	Thresholds, limitations, constraints		Relatively low	Relatively low	Top down	Compulsory	
Active: creation of new sources of income	Tax deductions, tax exemption Fixed compensation		Relatively high			Voluntary or imposed by the State Voluntary	
		- PES schemes	Zero costs	Relatively high	Bottom	Voluntary	
		- PES-like schemes	Very low	Low	Mixed	Compulsory for some parties	
	Marked-bas	- PPP	Relatively	Low	Тор	Voluntary	11
oft ols		 Land acquisition by public authorities or large companies (lease, concessions,) 	high	Low	down	Normally voluntary	
		- Tradable permits (cap & trade schemes)	Relatively low	Low	Mixed	Compulsory for some parties	
		- Certification and labelling (premium price) - Sponsoring, donations (philanthropy)	Zero costs	Zero costs	Bottom up	Voluntary	
		 Information, provision of services, goods free of charge or a low prices 	of services, Relatively Low Mixed		7		

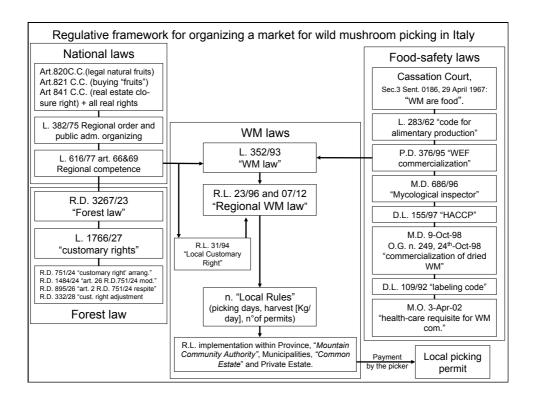


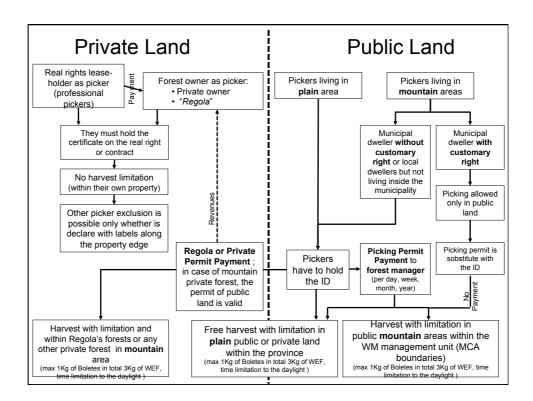


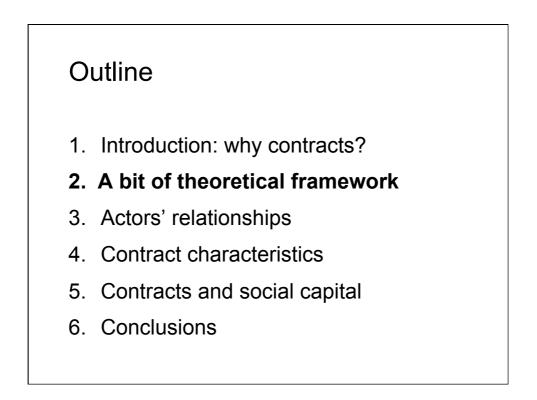
The general trend: from CoC to MBI

Soft and hard tools: alternative instruments or integrated ones?

- Complex problems need a variety of tools
- Soft tools (like PES) need:
 - Information handling, technical assistance
 - Enforcement authorities and procedures
 - Property rights definition







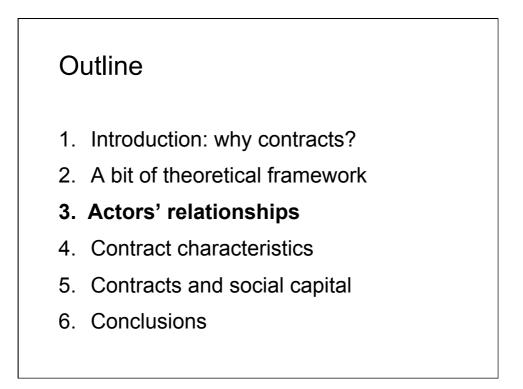
A bit of theoretical framework

Contract theory ← School of law and economics ← New Institutional Economics (Coase and Williamson)

Some key concept:

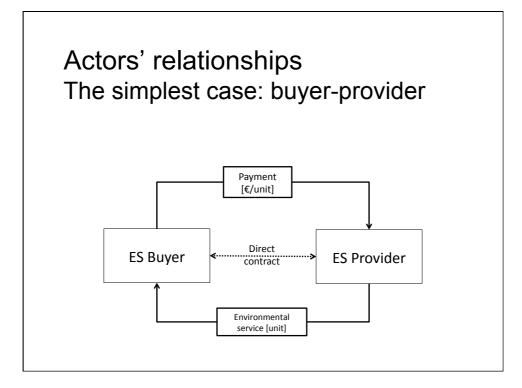
- asymmetric information
- principal—agent problem
- moral hazards
- adverse selection
- \rightarrow "incomplete contracts"

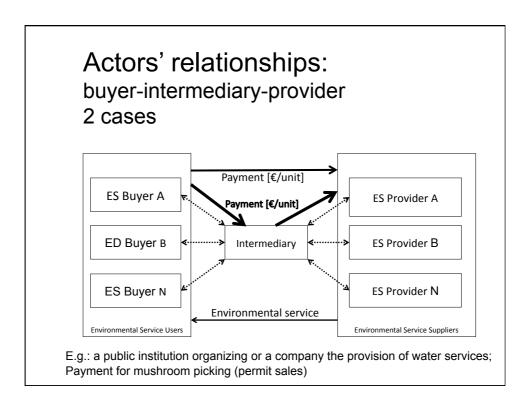
Development: game theory and behavioral economics

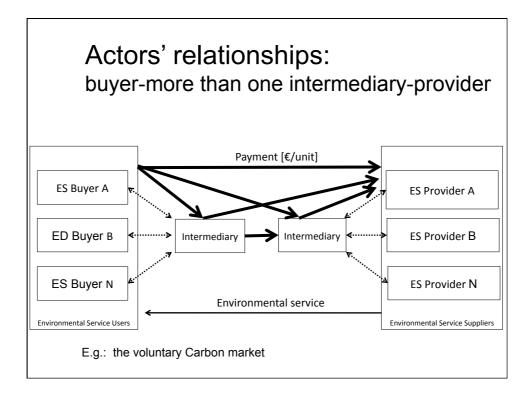


Actors' relationships

- Bi-lateral contracts
- Tri-lateral contracts
- Multi-actors contracts







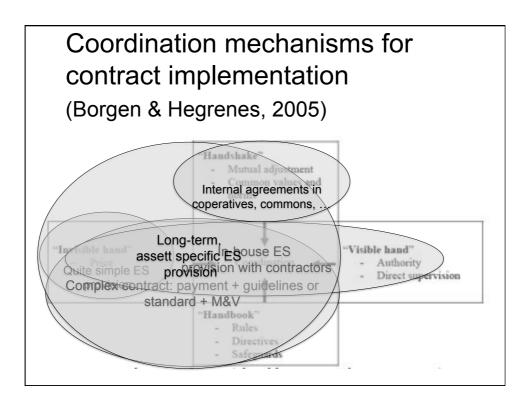
Outline

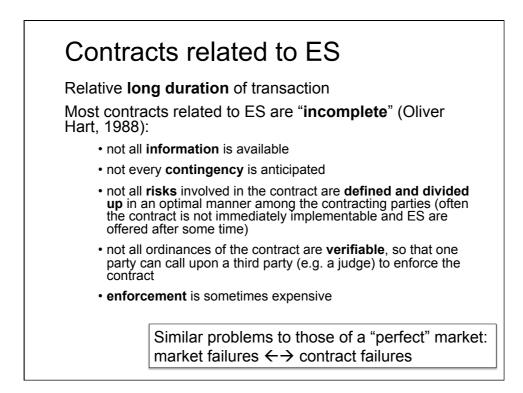
- 1. Introduction: why contracts?
- 2. A bit of theoretical framework
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- 4. Contract characteristics
- 5. Contracts and social capital
- 6. Conclusions

Contracts characteristics

(Polman & Slangen, 2007)

- Contract = a commitment based on a voluntary mutual agreement that specifies the actions each party will take ("quid pro quo", where "quo" is often a payment).
- Any contract has a coordination mechanism; there are 4 groups of coordination mechanisms:
 - Price
 - Handbook
 - Handshake
 - Authority-direct supervision
- ... or a mix of 2 (and even more) coordination mechanisms



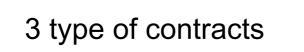


Contracts typology

5 elements to define a contract

(Deakin & Mitchies, 1997):

- Contract form
- Duration
- Distribution of power (control rights)
- Contractual duties
- Enforcement
- \rightarrow 3 types of contracts



- Classical contracts
- Neo-classical contracts
- Relational contracts

Classical contract

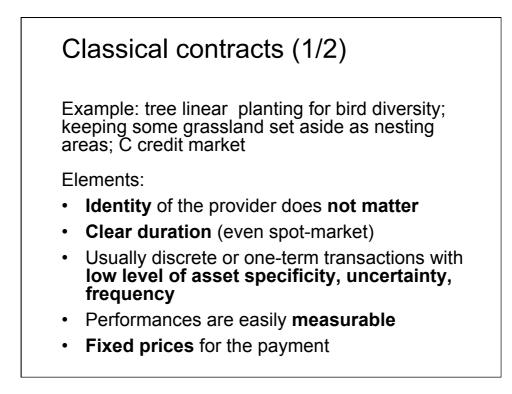
- · The identities and personal characteristics of the parties are irrelevant
- A discrete exchange or transaction is specified
- · Contingencies and/or unexpected events, and penalties for non-performance are specified
- Written documents overrule any verbal agreement
- · Court of law arbitrates in the case of difference of opinion or in the event of disagreement

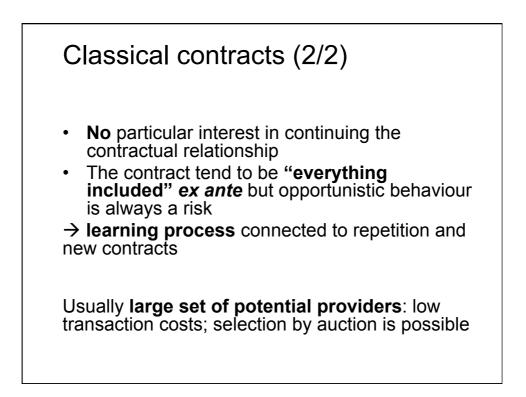
Neo-classical contract

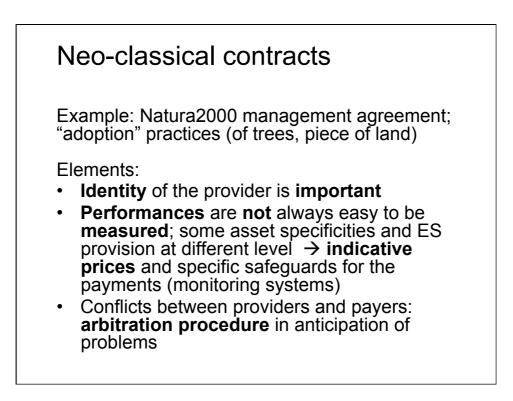
- The identities of parties is of importance/ matters
- Usually is of fixed duration. Normally it specifies a fixed duration (and /or task to be completed)
- It is accepted that not all unexpected events can be specified (or accepted that not all contingencies can be specified)
- Written documentation provide the status quo basis for further negotiation
- Arbitration procedures exist in case of differences in opinion or dispute

Relational contract

- · The identities and personal characteristics of the parties are crucial
- It is often of unspecified duration (or normally indeterminate duration)
- Norms of behavior, or shared codes of conduct specify the reaction to new developments, or inform responses to new developments as they unfold
- Written documentation is used as an official document of agreement, or is treated as a record of what has been agreed
- Values and norms of behavior, or shared codes conduct are of greater importance than written documents in case of differences in opinion. They overrule written documents in settling disputes
- Source: Lyons and Metha (1997: 49)





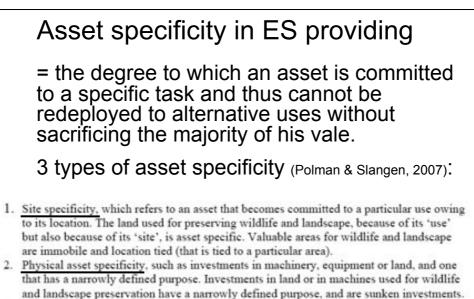


Relational contracts

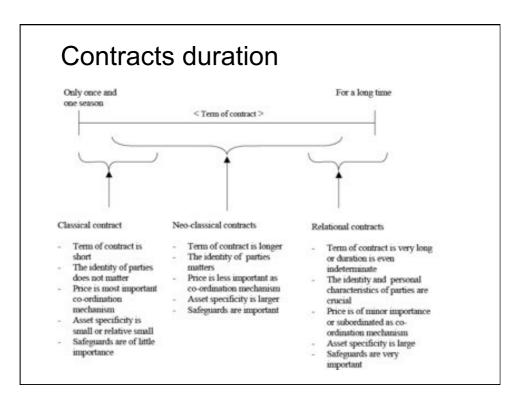
Example: a mountain hotel agree with nearby farms to have the grassland managed, horse riding trials, fresh milk, educational services for the clients

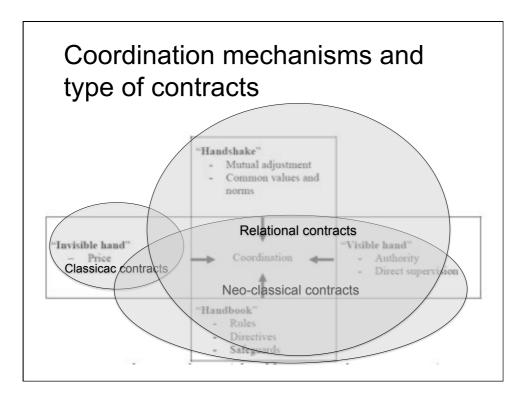
Elements:

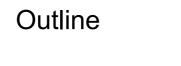
- **Identity** of the partners is a **key-variable**
- Duration can be unspecified; usually long
- Flexible payment mechanism (sometimes barter or exchange of services)
- Performances are sometimes not easily measurable
- Opportunistic behaviour are rare
- Conflicts between providers and payers: importance of the letters of intents, gentleman's agreements, share codes of conduct, reputation
- Asset specificity



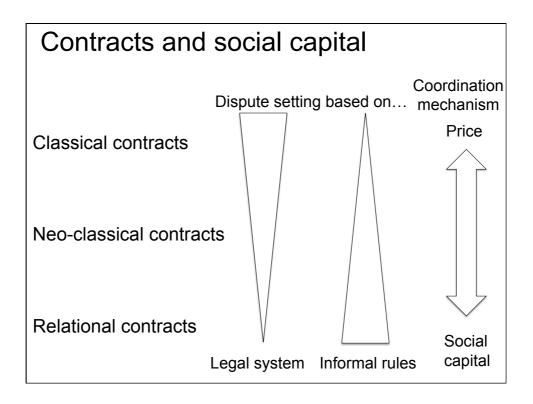
 Human asset specificity that arises through learning-by-doing. Preserving wildlife and landscape is a process of learning-by-doing; it requires an investment in human capital and time.



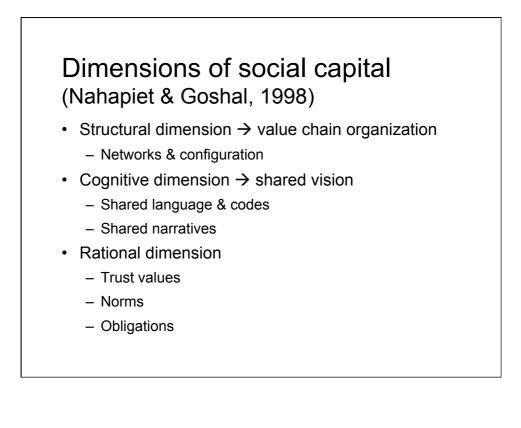


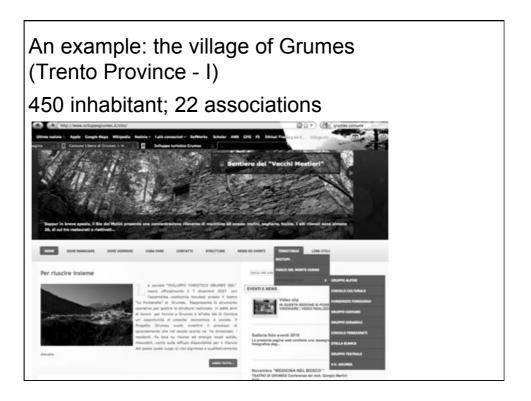


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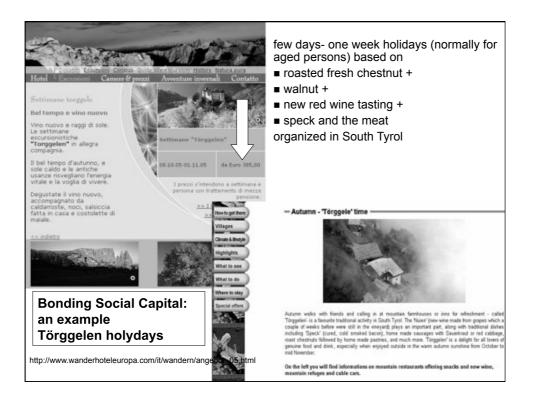
	10), adapted from Knowles (2006))				
Study	Definition				
Coleman (1988, p. 95)	"obligations and expectations, information channels, and social norms"				
	social organization constitutes social capital, facilitating the achievement of goals that could not be achieved in its absence or could only be achieved at a higher cost"				
Putnam (1993, p. 167)	"features of social organization, such as trust, norms and networks that can improve the officiency of society"				
	"the existence of a certain set of informal rules or norms shared among members of a group that permits co-operation among them. The sharing of values and norms does not on itself produce social capital, because the norms may be wrong ones [] The norms that produce social capital[] must substantively include virtues like trust telling, the meeting of obligations and reciprocity"				
Knack and Keefer (1997, p. 1251)	"Trust, co-operative norms, and associations within groups"				
Narayan and Pritchett (1999, p. 872)	"the quantity and quality of associational life and the related social norms"				
Putnam (2000, p. 19)	connections among individuals – social networks and norms of reciprocity and trustworthiness that arise from them"				
Ostrom (2000, p. 176)	"the shared knowledge, understandings, norms, rules and expectations about patterns of interactions that groups of individuals bring to a recurrent activity"				
Paldam (2000, p. 635)	Three families: 1) "the ability of [an individual) to work voluntarily together with others of [a population9"; 2) "the quantity of trust [an individual] has in other members of [a population]; 3) The amount of benefits the individual can draw on his goodwill"				
Whiteley (2000, p. 450)	"the willingness of citizens to trust others including members of their own family, fellow citizens, and people in general"				
	The norms and networks that facilitate collective action [] it is important that any definition of social capital focus on the sources rather than consequences [] this approach eliminates an entity such as 'trust' from the definition of social capital'				
Lin (2001, p. 24-25)	resources embedded in social networks and accessed and used by actors for actions. Thus the concept has two important components: 1) it represents resources embedded in social relations rather than individuals, and 2) access and use of such resources reside with the actors ^a				
Bowles and Gintis (2002, p. 2)	"trust, concern for one's associates, a willingness to live by the norms of one's community and to punish those who do not"				
Knack (2002, p. 42)	"common values, norms, informal networks, and associational memberships that affect the ability of individuals to work together to achieve common goals"				
Sobel (2002, p. 139)	"circumstances in which individuals can use membership in groups and networks to achieve secure benefits"				
(2004, p. 5)	A feature that "generates positive externalisities for member of a group [that] are achieved through share trust, norms and values and their consequent effects on expectations and behavior [] shared trust, norms and values arise from informal forms of organizations based on social networks and associations".				
World Bank (2005)	"norms and networks that enable collective action"				

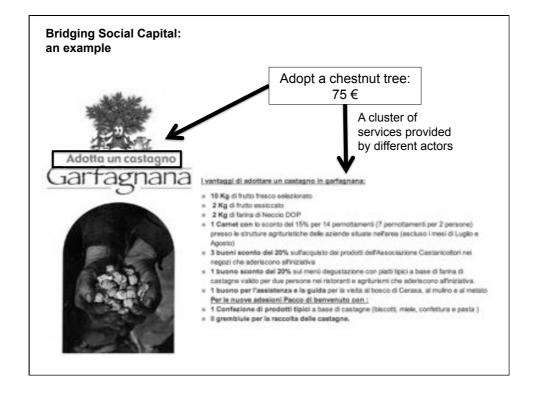




Social capital typologies

Social capital	Link structure	Determinants	Impacts	
Bonding	Among actors of the same group	Family, cultural, professional links	Strong identity, cooperation attitude, IK sharing	
Bridging	Among actors of different groups	Links among actors with different socio- economic background but (occasionally) involved in the same activity	Mutual trust, less transaction costs (financial risks), knowledge sharing	
Linking	Among private actors and public institutions	Links with political and public institutions	Good governance	







ES contracts are much connected with motivations

(Milgrom & Roberts, 1992)

- Providers:
 - Profit (← payment; the case of classical contracts)
 - Non monétary (relational contracts):
 - Intrinsic: altruism, reputation, tradition, ...
 - External: pressure/expectation by the
 - community, by authorities/leader/relatives, ...
- Buyers:
 - Benefits
 - Values

These motivations are valid also as **obstacles** to contracts:

- Why should I share some of "mine" ES
- Why should I pay for my basic rights?

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Main points for reflection

Still in the Mediterranean region the **traditional regulative instruments** are playing **a fundamental role** in ES provision:

- A passive role of the civil society; citizens used to pay tax, not to pay on a voluntary basis for ES; land owners' defensive attitude
- "Soft" tools like PES require a **proactive public administration** open to partnership, negotiation, innovative attitude in sharing responsibilities, costs and benefits, ...

Public administration has the responsibility of **changing its culture** and general approach ...

... from a passive role in controlling the resources ...



... to an active partnership in rural development ...

