

Outline

- 1. Introduction: the market context in Med region
 - 1a. Mass products
 - 1b. Specialities
 - 1c. Complementary products and services
- 2. How to research the ongoing conditions and potentials of the forest P&S markets?
 - 2a. Livelihood conditions and households economy
 - 2b. Value chain
 - 2c. Territorial marketing

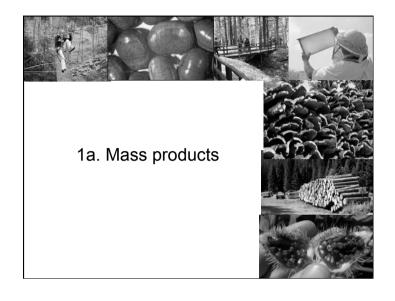


Marketing strategies for the Mediterranean region

Are there any common driving factors, problems, solutions?

It may be useful to refer to a distinctions among:

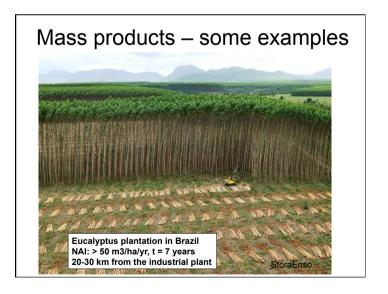
- · mass products
- · specialities
- · complementary products and services



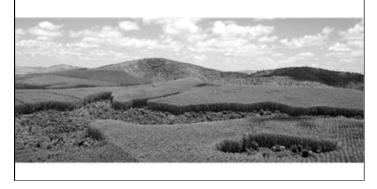
Mass products – mass markets

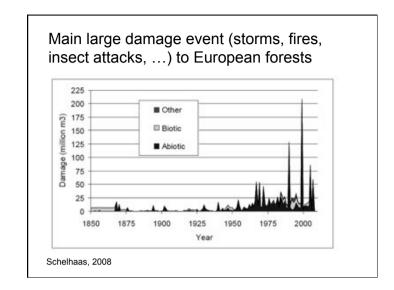
- production of large amounts of standardized products (scale economies) for a large number of consumers
- competitive factors: reducing production costs → relatively low prices
- capital intensivation, land and labour estensivation
- · vertical integration
- high risks (market instability-biological risks)

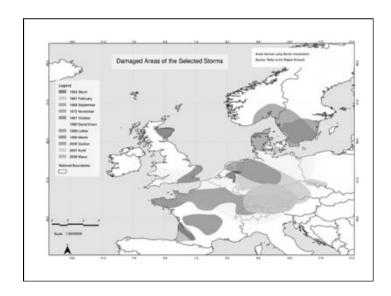


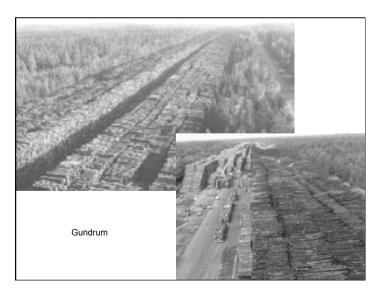


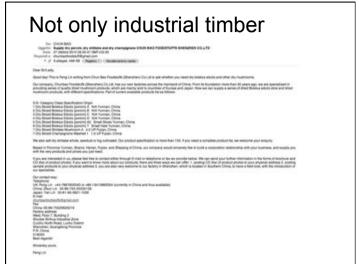
"...From Chile to Portugal, from Brazil to Indonesia, from Uruguay to Spain, from South Africa to New Zealand, from India to Thailand, people are organizing to oppose what they have called tree deserts, green cancer, green invading army, selfish trees or socioeconomic deserts..." (www.wrm.org.uy)

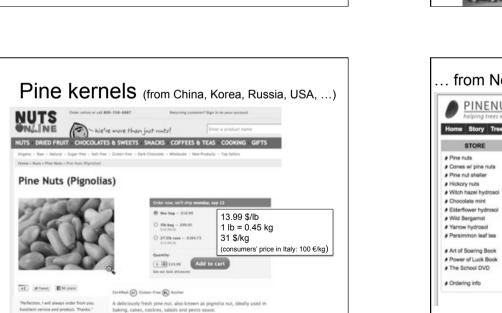
















Mass products – mass markets

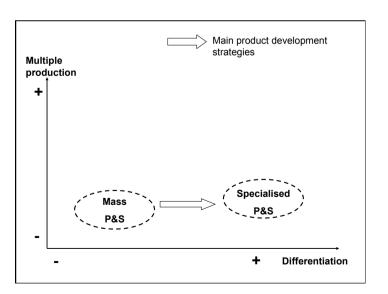
- production of large amounts of standardized products (scale economies) for a large number of consumers
- competitive factors: reducing production costs → relatively low prices
- capital intensivation, land and labour estensivation
- · vertical integration
- high risks (market instability-biological risks)
- → in many Med rural areas this is not a winning strategy for promoting sustainable local development, added value, employment, multifunctionality

Alternative strategies based on strengths and constraints of the Med region ("competitive advantages")

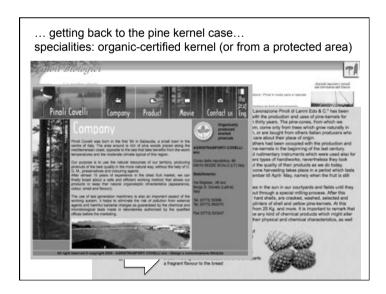
- · A long tradition of multifunctional forest management systems
- · No much space for very extensive forest investments
- A high quality landscape
- · A territory rich of culture, traditions, biodiversity
- Presence of highly educated young people (→ entrepreneurial competences?)
- Good connections with the more advanced economies (demand for tourism)
- Rather positive external socio-economic conditions: funding (remittances), innovation spreading, greening of the policies (CAP)

2 alternative strategies

- → Specialities: e.g. high AV niches products
- → Complementary products & services: synergies with other products/services (tourism, recreation), i.e. with other economic operators







Specialized products and services

Typically products and services well differentiated, often available in relatively limited quantities (e.g. specialties like truffles) for a target market.

Which marketing mix?

- , **Products**: quality assurance, certification, packaging, links with a territory or/and a local tradition.
- 4 Ps { Place: direct sales
 - Price: selling systems
 - Promotion: local association, e-marketing
- Political power
 - Public support/participation

Differentiation: certified chestnuts

marron from Castel del Rio, marron from Mugello, chestnut from Monte Amiata, chestnut from Montella

Certification under EU regulations

- Registration of Protected Designation of Origin (PDO) (Reg. 2081/92)
- Protected Geographical Indication (PGI)
- Traditional Speciality Guaranteed (TSG) (Reg. 2082/92)



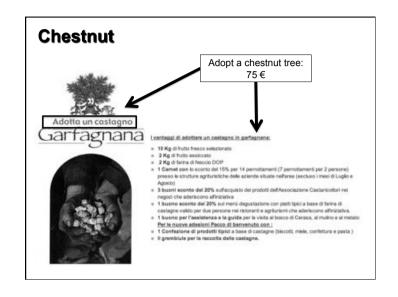


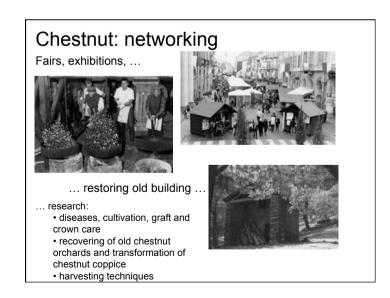
Organic production (Reg. 2092/91 and IFOAM)

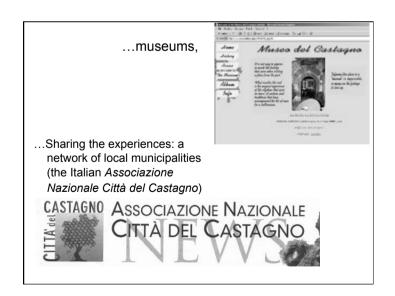
Marron from Mugello-Fano in Garfagnana











New selling systems

- Direct sales: "Pick-up your chestnuts": selling directly to the consumers the right to collect chestnut for a fixed rate or in relation to the weight of collected fruits
- "Adopt your own chesnut tree": chestnuts picking and organised picnics under the chestnut tree
- e-business:
 - B2B: fresh chestnuts, semi-finished products, ...
 - B2C: jams, dried nuts,...

News > Cronaca > Il tartufo da 900 grammi a un magnate cinese per 330.000 dollari La offer record in beneficienza Il tartufo da 900 grammi a un magnate cinese per 330.000 dollari Il tartufo da 900 grammi a un magnate cinese per 330.000 dollari utimo aggiornamento: 27 novembre, cre 18:42 Roma - (Adriktonosiligni) - Stanley Ho si porta a casa il tartufo fossano più grande del 20:10 e uno molisano da 350 grammi. Ha superato ogni offerta ma l'Italia "si è battuta baere". L'evento all'interio all'ottate l'anno controla e haceno (Ero) del Marse (Diona dell'anno. Divisi in Parlamento, uniti a tavola, Sul tartufo l'accordo è bipartisan Tanulo alidate

Product development



Dried soft chestnut

Package for making the traditional castagnaccio cake (based on chestnut flour, pine seeds, raisins)



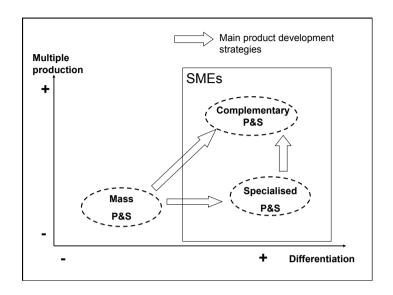
Specialized products and services

→good income opportunities for a single enterprise

Sometimes good links with a local natural resources, but often:

(= they give the possibility of premium prices)

- seasonality
- exogenous investment
- no relevant impacts on the local economy
- specialized use of the forest resources (limited multi-functionality)





Complementary products and services

= those specialized NWFP&S that can be sold and used in strict association with other, due to the synergies deriving from their conjoint marketing.

Different links among products and services.



A crucial role of networks

"Network: a mode of organization that can be used by managers or entrepreneurs to position their firms in a stronger competitive stance"

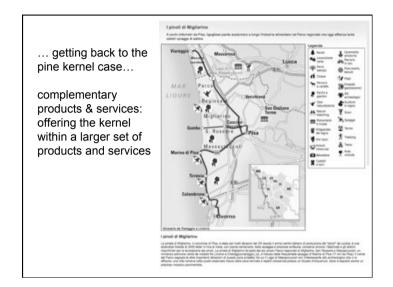
Network definition in relation to time and place

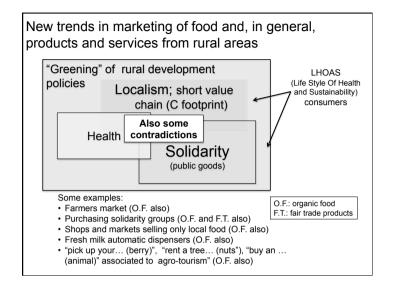
a. Time:

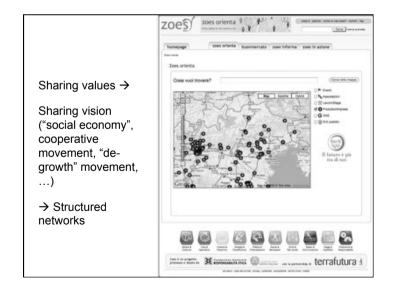
- "Short-term" (opportunistic) network
- "Strategic" networks: long-term, purposeful arrangements among distinct but related organizations that allow those firms to gain or sustain competitive advantage vis-à-vis their competitors outside the network (Carlos Jarillo, 1988).

b. Place

- Not territory-based networks (e.g. national association of beekeepers)
- Territory-based networks = networks among producers having a specific common territory (e.g. a valley, a municipality, a region)
- → new branch of marketing: *territorial marketing*.

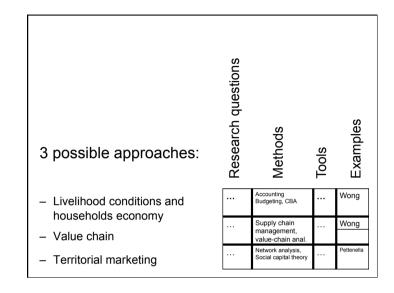


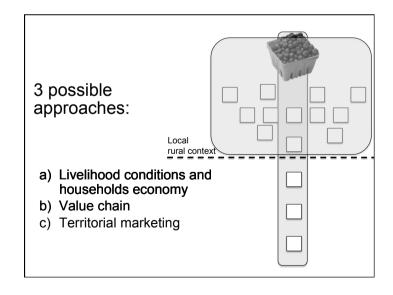


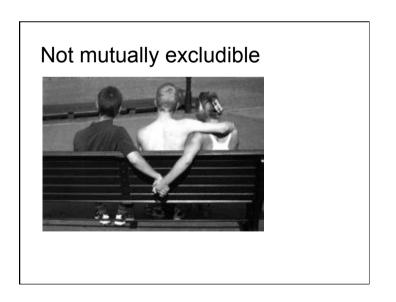




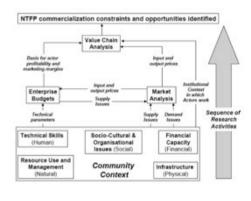
3 possible approaches:	Research questions	Methods	Tools	Examples
Livelihood conditions and households economy Value chain				
Territorial marketing				

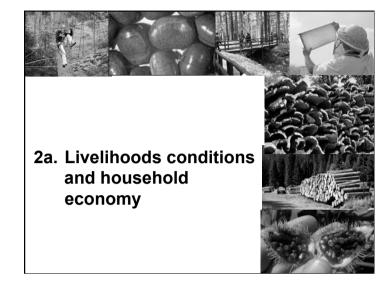






Conceptual framework showing the relationship between different data collection and analysis tools required in identifying constraints and opportunities for NTFP commercialization (Marshall et al., 2006)





Research questions

the role of forest products harvesting:

- ... in income generation (opportunity costs, time schedule, ...)
- ... in HHs food provision
- ... in forest management (Best Management Practices)
- ... in social structure organization
- · ... in forest ecosystem services offer

... and related governance problems

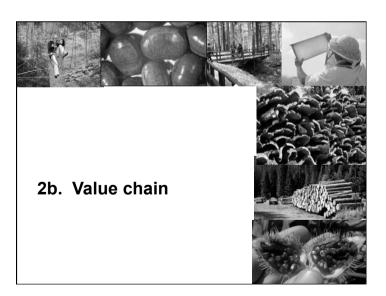
Here the term governance is used to capture the decision-making structure, the level of accountability, transparency and verifiability associated with the different mechanisms

- · PPs regulations
- .. and the cost for implementing them and mantaining the system (transaction costs)
- Costs and benefit sharing among the local actors
- Gender aspects
- •

Methods and examples

Jenny Wong's paper

Livelihoods and NTFP-based enterprise development



Tools

Forest products commercialization research methods:

- Practical Tools for Researching Successful NTFP Commercialization: A Methods Manual. Marshall E. et al. 2006
- Commercialization of non-timber forest products: factors influencing success. Methodological procedures. Kate Schreckenberg et al., 2006
- Commercialization of non-timber forest products. Factors influencing success. E. Marshall et al., 2006
- NTFPs income fro rural population or not? E. Wollenberg B Belcher 2001.
 ETFRN News 32.

Forest services evaluation (a very limited list!):

- To See the Forest for the Trees: A Guide to Non-Timber Forest Benefits;
 J.A. Lampietti and J.A. Dixon 1995
- Assessing the Economic Value of Ecosystem Conservation. S.Pagiola et al., 2004
- Valuing Forest <u>A Review of Methods and Applications</u> in Developing Countries. J.T.Bishop (ed.) 2004

Forest accounting:

· Manual of forest accounting. H.A.Jobstl 2009.

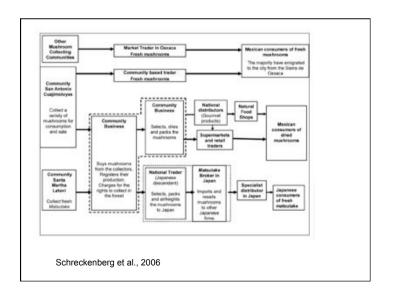
Research questions

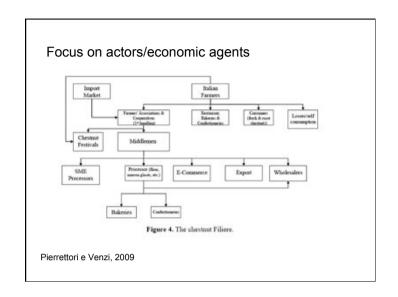
- Economic actors, prices, added values, profits → typologies of enterpreneurs
- Market access, market power distribution (bottlenecks), trade flows, asymmetric information
- Contractual agreements; vertical and horizontal integration; transaction costs of different market structures
- Institutions and their regulative instruments (command and control vs. voluntary instruments)
- Marketing tools (packaging, standards, labels, brands, certifications, promotion, e-marketing, "domestication", pricing policies: segmentation & differentiation, ...)

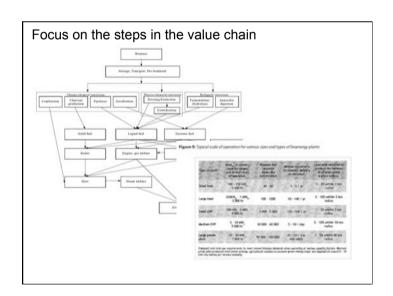
Methods: Supply chain management

= the path that a product or service follows from raw materials, through manufacturing and distribution to the final consumer

The main goal of supply chain management to create a value for final consumer, while satisfying the needs of all actors in the chain (Vorst, 2000).







Examples

Jenny Wong's paper

NTFP value chains and incentives for sustainable harvesting

2c. Territorial marketing

Tools

VCA-SCM:

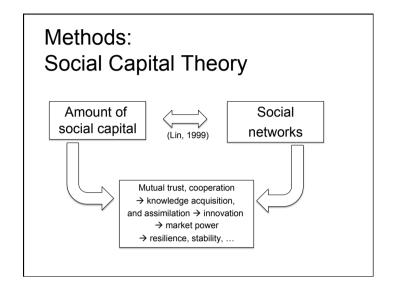
- Participatory value chain analysis for pro-poor enterprise development. Mayoux L., 2003
- Value chain analysis for policy makers and practitioners. Institute of Development Studies
- Making value chains work better for the poor a toolbook for practitioners of value chain analysis. Van de Berg et al., 2007.
- Koen Kusters and Brian Belcher Forest products, livelihoods and conservation. Case studies of Non-Timber Forest products Systems.

SWOT analysis:

- A knowledge-based SWOT-analysis system as an instrument for <u>strategic planning in small and medium sized enterprises</u>. G.Houben et al..1999
- Business models that are inclusive of small farmers. B.Vorley et al., 2008

Research questions

The same as 2b., but with a focus on intersectoral networking, social capital, common goods regulations/governance, equity and benefit sharing



Shudy Definition Display Coleman (1986, p. 95) Obligations and expectations, information channels, and social norms Coleman (1989, p. 304) Sucrate Organization constitutes social capital, socializating the achievement of goals that could not be a colleged on the social control. Butmann (1983, p. 16) Fukurjema (1987, p. 16) Fukurjema (1997, p. 17) Fukurjema (1

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

Methods: Social Network Analysis

(source: R. Da Re, 2011)

- Actors connected by using different types of multiple relationships
- Social networks provide ways for companies:
 - to gather and share information
 - to compete in a fair way (imitation)
 - to coordinate their policies, investments, and other actions

We live in a connected world



"To speak of social life is to speak of the association between people – their associating in work and in play, in love and in war, to trade or to worship, to help or to hinder. It is in the social relations men establish that their interests find expression and their desires become realized"

Peter M. Blau. Exchange and Power in Social Life, 1964

Make our 'social space' visible

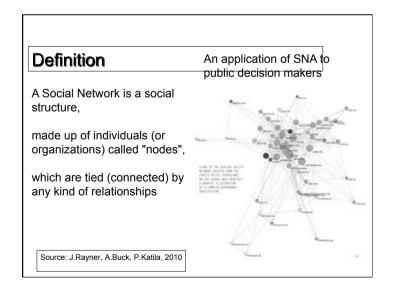


"If we ever get to the point of charting a whole city or a whole nation, we would have ... a picture of a vast solar system of intangible structures, powerfully influencing conduct, as gravitation does in space. Such an invisible structure underlies society and has its influence in determining the conduct of society as a whole."

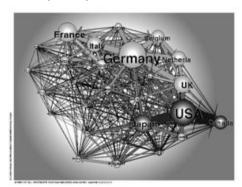
Jacob L. Moreno. New York Times, April 13, 1933

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History and applications Information Networks Social Networks (people and interactions) Technological Networks Biological Networks ... Friendship network



... Trade (market) networks



OECD Trade Flows 1981-1992

Source: Lothar Krempel http://www.mpi-fg-koeln.mpg.de/~lk/netvis.html

Definition

Aims:

To study the whole network or an ego-network. To find actors and ties.

- i) Graphic analysis
- ii) Relations' structure analysis (density)
- iii) Unite prestige analysis
- iv) Cluster analysis
- v) Relations' symmetry and reciprocity analysis

It's different because...

 \dots unit is not more the individual (attributes), but the tie (relations)

Definition

Social Network Analysis (SNA), developed in '30, is a technique to map and measure relationships among actors

The nodes in the network are the people and groups

The links show relationships or flows between the nodes.

SNA provides both a visual and a mathematical analysis of human relationships.

Key concepts

Actor: entities (people, HHs, NGOs, countries ...)

Tie: connections among actors

Relation: relationships at a whole (friendship, financial exchange, dislike, kinship, information flows, beliefs,...)

Dyad: a couple of actors and their ties

Triad: a sub-group of actors and their ties

Sub-group: a set of actors and their ties

Attributes: actor's characteristic

History and applications

Started in 1920s.

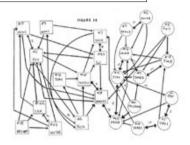
Jacob L. Moreno pioneered social network analysis for his "psychodrama" therapy.

sociomatrices and

hand-drawn sociograms

to display children's likes and dislikes of classmates

as directed graphs



History and applications

'30: in sociology

→ groups dynamics and cliques

'50: in antropology (Manchester School)

→ ego-networks

'70: structural mathematichal models (Harvard researchers)

→ "Getting a job", Granovetter, for weak and strong ties.

 \dots now, overall applications, softwares, conferences, professional organizations \dots

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History and applications

Network applications appear in diverse substantive fields of mostly social sciences – anthropology, management, political science, public health, sociology, economics

Studies span micro- meso- macro-levels of analysis:

- · personal social & health support systems
- · children's play groups, high school cliques
- employee performance
- · neighboring behavior, community participation
- · work teams, voluntary associations, social movements
- · military combat platoons, terrorist cells
- corporate strategic alliances, board interlocks
- international relations: trade, aid, war & peace

Data analysis

Relational Data:

Binary- Numeric

1 — 2
For instance: person 1 likes person 2

Oriented- Not oriented

1 ______ 2
Person 1 likes 2, 2 likes 1

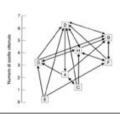
Symmetrical by choice or by definition

Person 1 is married to 2

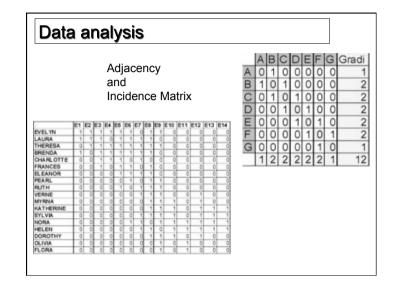
Representation:

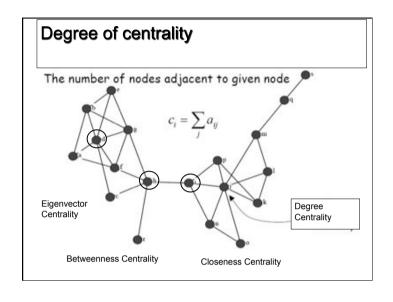
- i) Moreno Sociogram
- ii) Graph Theory (nodes, arcs, ...)
- iii) Matrix...

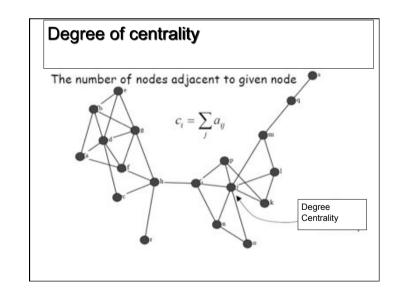


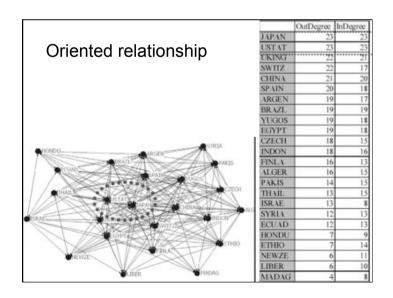


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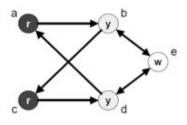


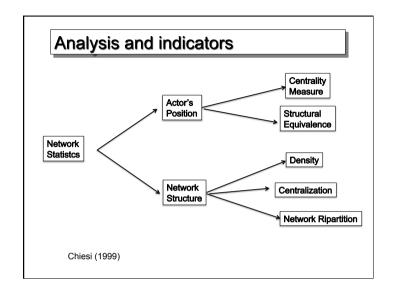




Structural Equivalence

Actors are structurally equivalent to the extent they have the same in-neighborhoods and out-neighborhoods





Tools

Granovetter M. (1983), *The strength of weak ties: A network theory rivisited*, Sociological Theory, Vol.1, 201-233.

Hanneman Robert and Riddle Mark (2005), Introduction to social network methods

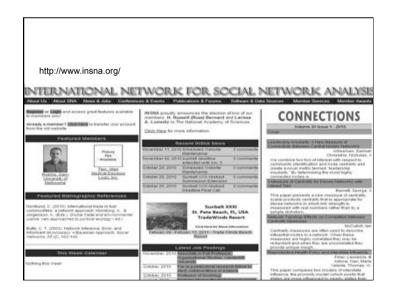
→ http://www.faculty.ucr.edu/~hanneman/

Moreno J. (1934), Who shall survive? New York: Beacon Press

Scott John (2000), Social Network Analysis: A Handbook.

Wasserman Stanley and Faust Katherine (1994), Social Network Analysis, Methods and Applications (Structural Analysis in the Social Sciences)

Social Networking in plain english: http://www.youtube.com/watch?v=6a KF7TYKVc



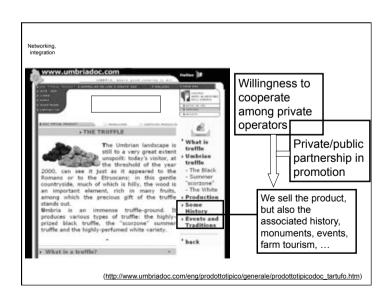
Other textbooks

Analysis of the social-economic context:

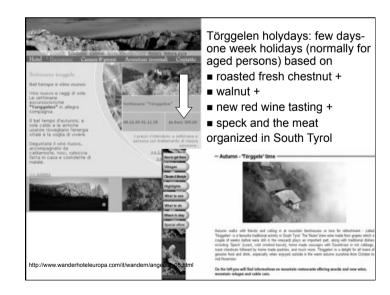
- IFRI Manual
- Markets-as-Networks Theory: a Review. Filipe J. Sous et al., 2010
- The role of networks of small-medium enterprises operating in forest areas. Pettenella and Maso (in press)

Innovations:

- The "Oslo Manual": The measurement of scientific and technological activities. proposed guidelines for collecting and interpreting technological innovation data. Organisation for Economic Co-operation and Development, European Commission, Eurostat
- Entrepreneurship in value chains of non-timber forest products.
 D.Willem te Velde et al. 2006







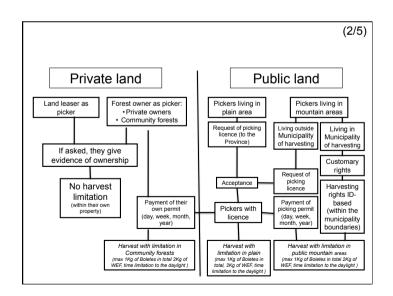
In the region South Tyrol chestnut maturity and the first wine of the year take place at the same time. Every year different kind of chestnut fairs are celebrated. Tourists are attracted with Chestnut-trails and visits of agriculture farm to eat fresh roasted chestnuts, taste the new wine and other local specialities. Fairs of chestnuts are also organised. Many old chestnut recipes are rediscovered and utilised during these days. Tourists can also learn everything about chestnuts from woodland to gastronomy on chestnut walks and different kind of chestnut parties.

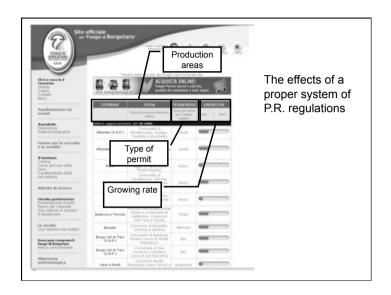


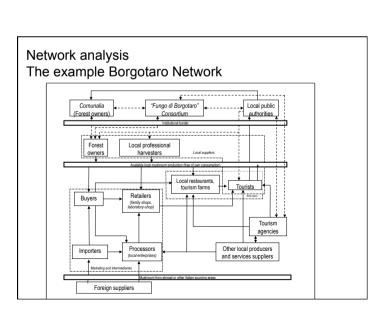
Property rights analysis An example: WEF regulations in Italy National laws Food-safety laws Art.820C.C.(legal natural fruits) Cassation Court, Art.821 C.C. (buying "fruits") Art 841 C.C. (real estate clo-sure right) + all real rights Sec.3 Sent. 0186, 29 April 196 "WEFs are food". L. 283/62 "code for L. 382/75 Regional order and public adm. organizing Mushroom laws alimentary production L. 352/93 P.D. 376/95 "WEF L. 616/77 art. 66&69 "WEF law" commercialization" Regional competence M.D. 686/96 R.L. 23/96 "Mycological inspector R.D. 3267/23 "Regional WEF law" D.L. 155/97 "HACCP" "Forest law" M.D. 9-Oct-98 O.G. n. 249, 24th-Oct-98 L. 1766/27 R.L. 31/94 "customary rights" "commercialization of dried "Local Cust. WFFs" Right" R.D. 751/24 "customary right" arrang." R.D. 1484/24 "art. 26 R.D.751/24 mod D.L. 109/92 "labeling code" R.D. 895/26 "art. 2 R.D. 751/24 respite" R.D. 332/28 "cust. right adjustment n. "Local Rules" M.O. 3-Apr-02 (picking days, harvest Forest law [Kg/day], n°of permits) WEF com." R.L. implementation within Province. "Mountain Community Authority", Municipalities, "Common Estate" and Private Estate. Local picking licence Abbreviation: O. G. = Official Gazzette; C. C. =civil licence Abbreviation: O. G. = Official Gazzette; C. C. =civil licence Abbreviation: O. G. = Official Gazzette; C. C. =civil licence Abbreviation: O. G. = Official Gazzette; C. C. =civil licence Abbreviation: O. G. = Official Gazzette; C. C. = civil licence Ab

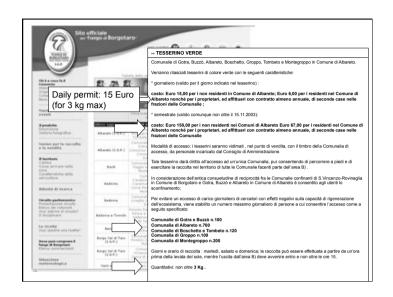
Important steps

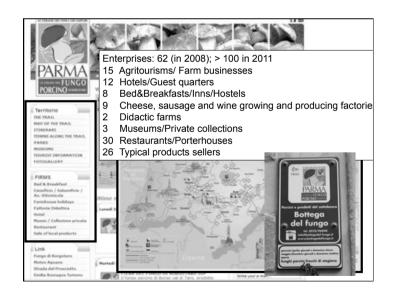
- Analysis of the property rights regulation system
- Network analysis: value chain and SNA →
- · The instruments to link actors
- Genus loci identification (imago product = brand of the territory)
- Set of products & programs

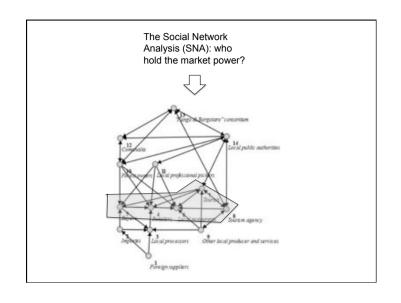












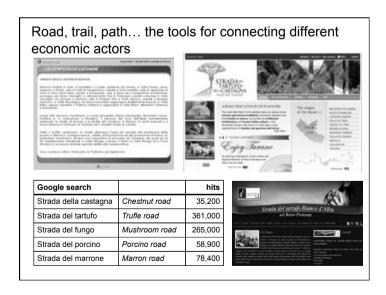
The instruments of the links: the "road concept"

A **linkage** is needed among the imago product (or the main product) and the associated products and services of the same area

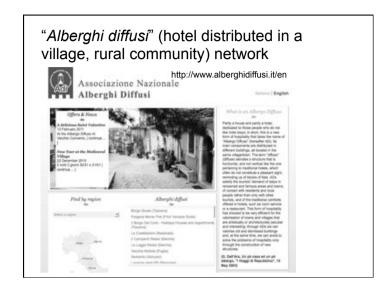
The "**road concept**" (i.e. trails, roads, itineraries or pathways) is a very common tool for linking various products and services across a territory



Cultural link physical, organizational link







Other elements for a territorial marketing strategy based on forest resources

- Genus loci identification (competitive advantage and "brand" of the region-territory)
 - → NWFP are frequently used in branding

A NTFP as **imago product** for presenting a territory

- Traditional local products
- · "Green" products
- · "Slow food" culture

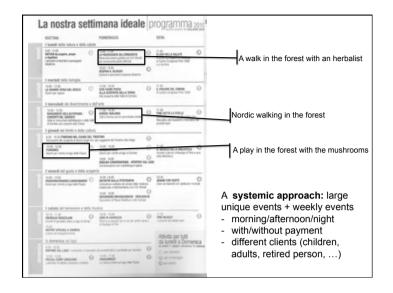




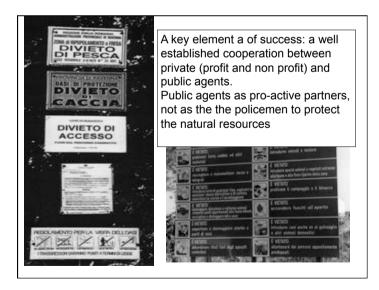


Other elements for a territorial marketing strategy based on forest resources

- Genus loci identification (competitive advantage and "brand" of the region-territory)
- → NWFP are frequently used in branding
- Product(s) = activities (a concert in the forest, an organized visit, ...) +
 services (B&B, restaurants, transport, ...) +
 communication
- · Program: a set of
 - "ordinary", day-by-day (week-by-week) activities +
 - Large single events (night walk in a forest, concert, fresh musroom exibition, ...)







A proper relationship between **State and private** sector:

"The State when it is needed, The market whenever possible" (G.Tremonti)

Two components of the most advanced form of networks:

- A (contractual) coordination among economic agents for the supply of products and services to increase profit and/or stability (a market share)
- A mutual trust:
 - ← input = social capital
 - → output = not only market products are supplied but also "relational goods"

For successful marketing in marginal economic areas and with seasonal activities,

a key factor is cooperation



Questions?

