5th International Forest Policy Meeting April 10-12, 2024, Helsinki session I - (Forest) land use, forest owners and land conflicts

Italian forest policies for associating forest sector's actors: an urgent response to (forest) land abandonment processes

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Outline

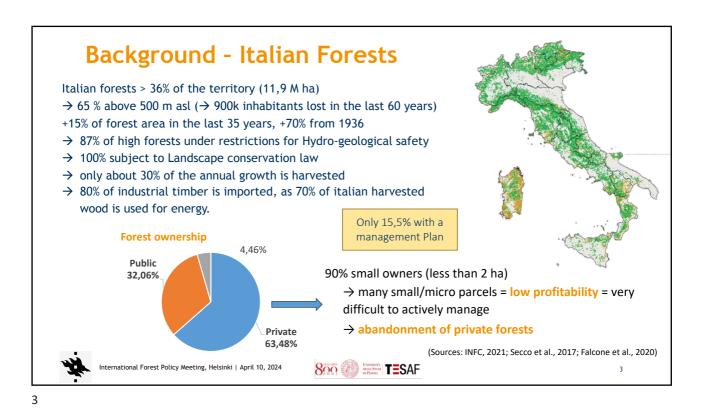
- Introduction and background (3-5)
- The problem statement (6)
- Methodology and Conceptual framework (7-8)
- Results (9-18)
- Wrap-up (19-21)
- Conclusions (22)

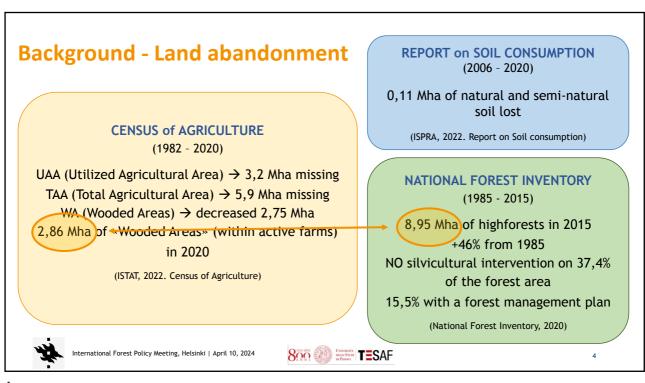


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Not only forests

...overview of some demographic and social dynamics

Forest regions are characterized by social changes and challenges:

- \rightarrow (richer) areas intensively exploited for tourism Vs. (poorer) rural areas with socioeconomical depletion and demographic issues
- → The new mountaineers, often not landowners (Corrado et al. 2014, Membretti e Viazzo 2017)
- → Changes in the demands for forest ecosystem services, both from local communities and from urban population (EEA, 2015)
- → Recent interest for collective bottom-up action within people interested in managing local resources (Bassi and Carestiato 2016)

Who the new protagonists? How do they co-operate with traditional actors?



Risk of new CONFLICTS vs. INNOVATION opportunities



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The problem and the research questions

Forest management can improve the overall provision of Forest Ecosystem Services and reduces risks from natural hazards (Romano, 2017; Chirici et al., 2019)

Forest land fragmentation and poor organization of the value chain are recognized within the major causes for land abandonment (Dir. Gen. Foreste MIPAAFT, 2017)



Associating forest owners could be a strategy to contrast land abandonment and to encourage active forest management?



Need to better understand land abandonment and (private) forest owners



Which solutions for associated forest management?



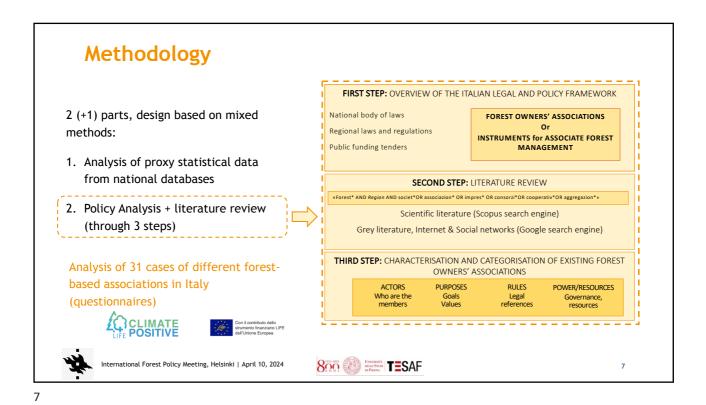
How to support the establishment of different associative models and instruments?

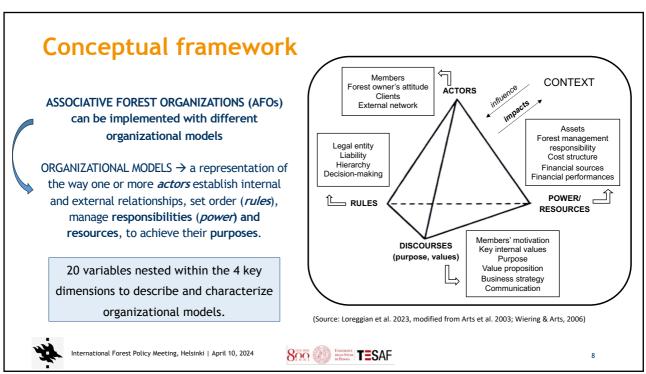


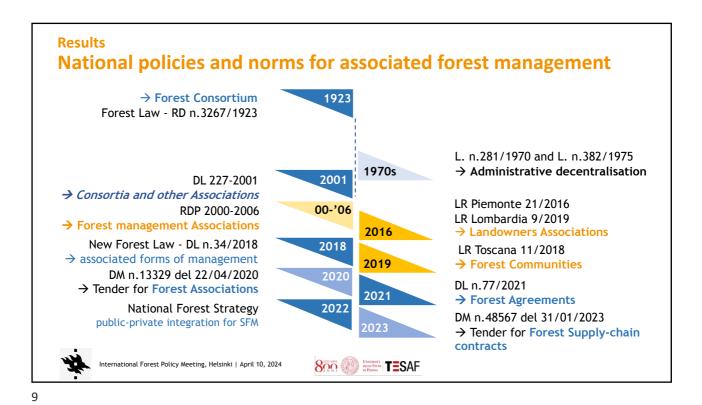
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Results Identification and categorisation

Structural solutions

- Consortia (public, private and mixed)
- Associations (Forest-, Land-, Woodland communities, Model Forests)
- Cooperatives (Community cooperatives)
- Foundations
- Forest Condominium

Organizations for management of **commons** (ASUC, ASBUC, Regole, Vicinie, Comunelle, Comunalie, Comunanze, Partecipanze, ecc..)

Contractual solutions

- · Business networks
- Forest Agreements
- · Forest contracts
- Value-chain contracts (← Forest agreements)
- Multi-year timber sales
- · Concessions
- Sales of growing forests
- Certification groups



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Results Characterization of Associative solutions FOREST CONSORTIUM FOREST COMMUNITY **C** 288 광 TE ACTORS#1 (Members) Families holding rights to Forest owners (private and public) Citizens of a forest region Members of a local community Forest entrepreneurs (private) or Public forest owners participate (delegates) + Stakeholders with strong identity ACTORS#2 (Forest ownership) Shareholders, contracts Local community's ownership Shareholders, contracts Contractor Contractor RULES#1 (Legal form) Contract. Can become Special legal form (L. n.168 del Cooperative (labouristic model) Association LR Piemonte n.21 - 2/11/16 LR Lombardia n 31 - 5/12/08 LR E.-Romagna n.12 – 27/07/22 LR Toscana n.67 – 14/11/19 enterprise C.c. artt. 2602-2616 20/11/2017) Rif. LR Toscana nº 11/2018 RULES#2 (int. Govern. Democratic (open) Democratio Democratic (closed) Democratic (open) Democratic (open) structure) Transaction costs reduction = enhancement of forest management profitability To produce resources and richness for the local community Transaction costs reduction = enhancement of forest management profitability Sustainable Forest Management oriented to local socio-economic development DISCOURSES#1 (Purpose) Socio-economic development of the local community and landscape conservation DISCOURSES#2 (Value Forest products and services Products and services from Forest management plans, Forest products and services, Forest products and services, forests, breeding and Support for administration Projects for raising financial for the benefit of the agriculture marketing and logistics opportunities community Internal responsibility, eventually supported by ext. professionals Internal responsibility, eventually supported by ext. professionals Internal Management responsibility or contracted to professionals POWER/RESOURCES#1 (Forest Management responsibility contracted to professionals Management responsibility contracted to professionals POWER/RESOURCES#2 commercial revenues General and dedicated Grants + Fund Raising + commercial Financing from shareholders + Fund Raising + commercial revenues + Grants (PSR, ecc.) (Financial sources) commercial revenues (rarely) Financing from revenues SOON UNIVERSITY TESAF International Forest Policy Meeting, Helsinki | April 10, 2024 11

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Actors and managed areas Different models for different actors ✓ Consortia are preferred by public owners (municipalities), but can involve also enterprises ✓ Cooperatives are composed by private individuals, managing both private and public forests ✓ Associations can involve any kind of actors, to manage both private and public forests 45.00 Type of forest ownership Members of AFOs 40 m 35.00 30.00 Con tractual solution s 25.00 20.00 Coo peratives 15 M 10,00 5.00 As sociations 0.00 Associations Consortia Cooperatives Con sorti a ■ Public owners ■ Private owners 40% 60% 80% 10 0% 12 0% ■ Public non-owners ■ Private non-owners ■ Public forests ■ Private forests International Forest Policy Meeting, Helsinki | April 10, 2024 SOO UNIVERSITY DECLISION TESAF 12

Actors - Key roles Some key roles are taken by different actors in different AFOs

FOUNDERS/LEADERS Coinciding with a mayor or a group of mayors. No. In most cases the technical director is the first employee. No. In most cases the technical director is the first employee. Key contribution: - Skills to detail the project - Identification of funds - Drafting of management plans Fundamental. They are the owners and manage the owners and manage the government plans They keep the members together. Sky contribution: - Skills to detail the project support the leaders, internalized. Fundamental they are the owners and manage the owners and manage the municipality among the relationship, it can last a short time. An important but 'light' relationship, it can last as hort time.	CTUAL SOLUTIONS	CONTRA	COOPERATIVES	ASSOCIATIONS	CONSORTIA	
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owners and manage the Municipality among the relationship, it can last can bring a	tal in the 'weaving' contribute to nd contractual setting tually covered by iple, in support of 1 onsultant)	work, they technical a (skills ever several pe	upport the leaders,	- Skills to detail the project - Identification of funds - Drafting of management	technical director is the first	TECHNICAL ASSISTANT
shareholders in a company. increase trust (and the number of members).	ouilding confidence. It lot of resources, but ing.	can bring	elationship, it can last	Municipality among the members can greatly increase trust (and the	owners and manage the consortia just like	PUBLIC ENTITIES

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Rules & Legal forms

A broad range of solutions, belonging to some main categories

- ✓ Forest Consortia can get different legal entities, normally with limited liability
- ✓ Cooperatives are set for mutualism, workers are shareholders and share responsibilities
- ✓ Many different Associations exist, with different focus, but the same legal form

	CONSORTIA	ASSOCIATIONS	COOPERATIVES	CONTRACTUAL SOLUTIONS
LEGAL FORM	Contract. Can become enterprise, several legal forms C.C. artt. 2602-2616	C.C. artt. 14-42 Many different names (some defined by Regional norms), but just one legal form	Labouristic model Some Regional specificities	Forest Agreements DL n.77/2021 Business Networks L. n.33/2009
INTERNAL GOVERNANCE ARRANGEMENTS	Democratic, but centralized and vertical	Democratic and participative, horizontal organization	Democratic and participative, vertical organization	Power of attorney given to a representative signatory

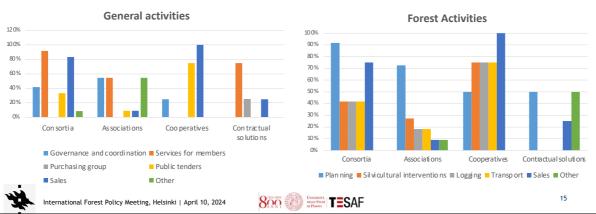


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Purposes and activities (value proposition)

- ✓ Forest Consortia are essentially efficient enterprises, with the aim of managing public assets to maximise public utility
- ✓ Associations are established with strong social engagement and committment, they focus on planning
 for landscape conservation, safety for local communities, cultural or spiritual reasons
- ✓ Cooperatives are mutualistic enterprises, forest management is a way to generate job opportunities

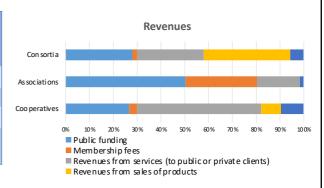


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Power and resources

- ✓ Forest Consortia have employees, assets, and more robust business models
- ✓ Associations rely on public funding, involving volunteers and external professionals
- ✓ Cooperatives are similar to consortia, with smaller size (on average)

	Employees	Season workers	External professional collaborators	TURNOVER	Revenues from forestry
Consortia	9,6	6,3	2,5	> 1 million €	0,5
Associations	0,3	0,0	6,1	10-100 k €	0,2
Cooperatives	4,2	6,2	2,2	100-500k €	0,2
Contractual agreements	0,3	0,0	2,0	10-100 k €	0,4



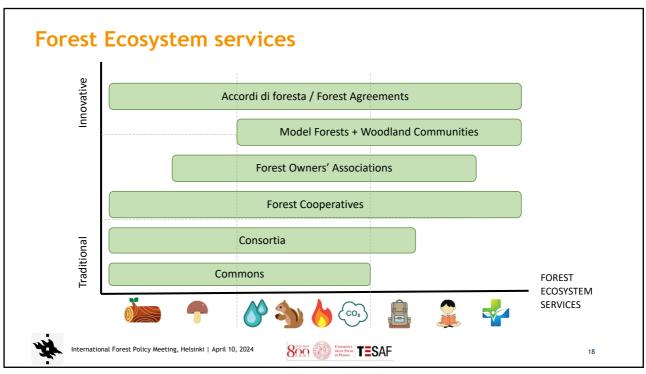


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	CONSORTIA	ASSOCIATIONS	COOPERATIVES	FOREST AGREEMENTS	BUSINESS NETWORKS
SALES	Sale of timber (standing or round) + land services (especially winter and/or mixed woods)	Possible but limited	Purchase of lots & sale of timber (roundwood) + public services (in winter) + Forestry operations	The agent sells and the benefit is divided according to the provisions of the agreement	Development of a special product line which is sold directly. Signatories carry out the various stages of production
ACTIVITIES DEVELOPED UNDER PUBLIC FUNDING	RDP, EU Funds, Regional Funds (Lombardy)	Regional Funds, RDPs, Ministerial Calls	RDP funds, participation in partnerships on other EU funds	Targeted calls (Ministerial supply chain call) but it can NOT be a beneficiary	Participation in call for tenders (Ministerial Supply Chain Call, EU Funds)
OTHER ACTIVITIES	Services and jobs for members (in- house assignments)	Activities of "maintenance and care of the territory" carried out with volunteer staff	Tourist infrastructures and services (Adventure park, tree houses, etc.)	Forestry Office for the Mountain Union (funded by the FA's signatories)	R&D



Wrapping up 1/3

LAND OWNERSHIP STRUCTURE is a central topic for italian forest policy:

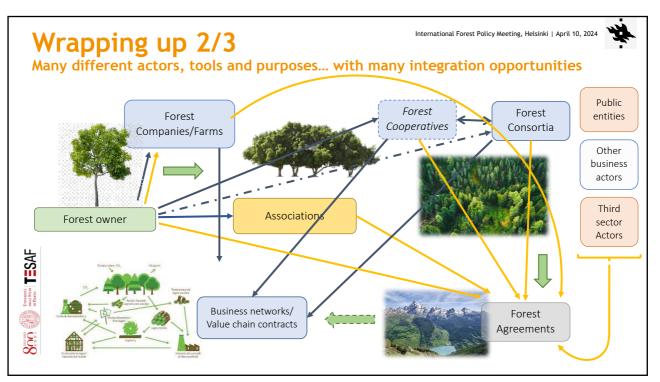
- ✓ Land abandonment is a wicked problem: management issues, weak value chains, soil consumption, demographic crisis, climate change → many related problems and... very poor data!
- √ Silent lands represent a crucial issue
- ✓ Urgent need to shorten the gap with private forest owners → knowledge gap (who they are and what are their goals) + very hard and costly bureaucracy





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Wrapping up 3/3

- ✓ The context (socio-ecological system) is much relevant, mostly in its social features = no easy recipes
- ✓ Social innovation as a key process, social capital is a crucial variable and activators are key actors (professionals foresters, mountaineers, administrators)... → need for specific training to merge technical and social skills
- ✓ Public entities → often involved, they contribute to build trust, but they bring bureaucracy and political issues. Need to refine their role.



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Conclusions

Associating (forest actors) cannot be considered as an easy solution to solve fragmentation and land abandonment issues, but a good strategy that needs some more actions:

- ✓ Consideration and evaluation of forest ecostystem services (FES) + the overall social impact
- ✓ Regions should urgently implement provisions from the national forest law (art. 12 d.lgs. 34/2018) about procedures to re-activate management of silent lands;
- ✓ Clear and financially adequate policies to support not only the establishment but also the provision of FES and social benefits by forest associations;
- ✓ Second-level associations should be promoted and encouraged, to bridge the gap between landowners and policymakers



Thanks for your attention!

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