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NACAO

Thematic Seminar for Exchange of Experiences

***CO2 S.Fo.Ma. MARCHE - CO2 Stored in Forests
Management***

Marche Region, Italy



Chiara Chiostrini (DREAM),
Francesco Leporoni (Promoter)
Experts in forest management

Jyväskylä, 20th February 2024

Operations Group:

CO₂ S.Fo.Ma. MARCHE - CO₂ Stored in Forests Management

*Calculation and certification of CO₂ sequestration in managed forests
Carbon conservation and sequestration in the forestry sector in the Marche region*

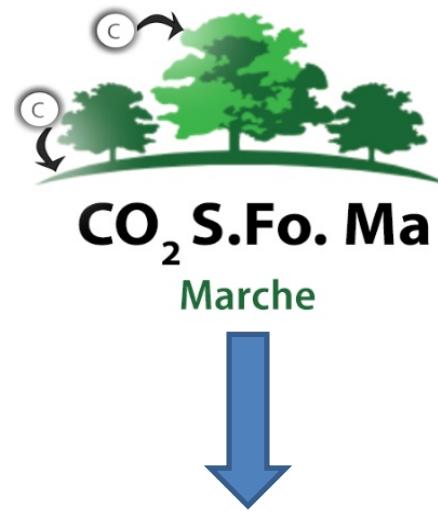
Reg. (EU) No 1305/2013 - RDP Marche 2014/2020 - Submeasure 16.1 - Action 2 -
Support for the creation and operation of EIP Operational Groups

PEFC CERTIFICATION GROUP 'BOSCO DI MARCA'

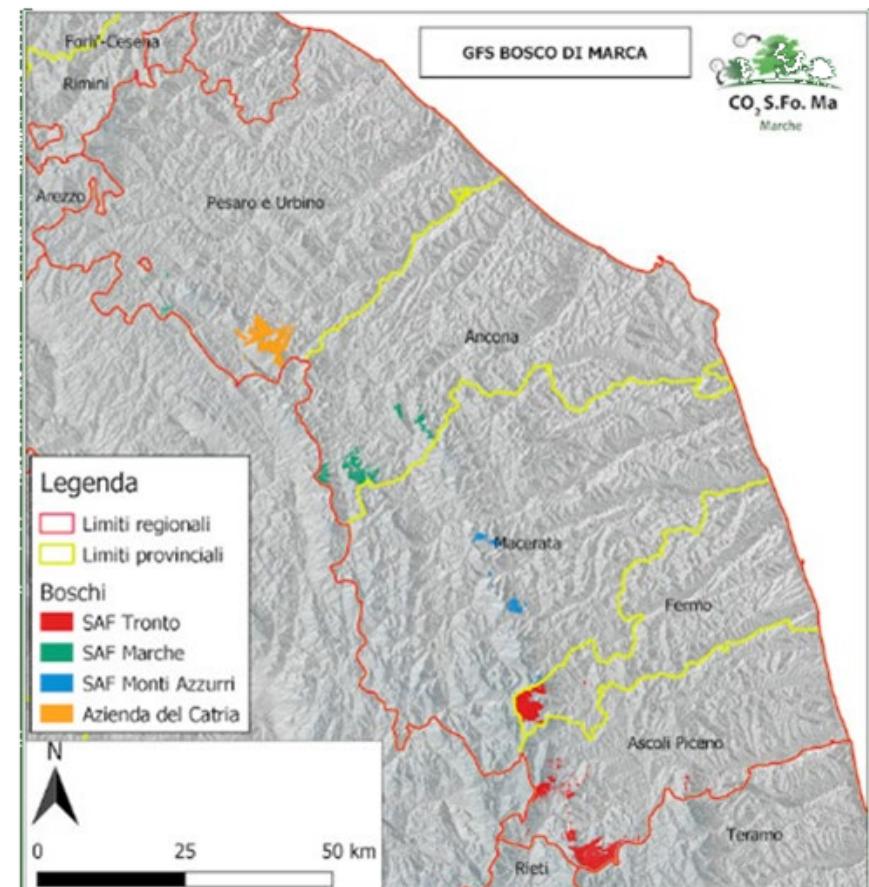


**THE TERRITORY MANAGED BY THE CERTIFICATION TEAM
AND PROJECT ACTIVITIES**

Background description



The Operational Group is made up of the agricultural forestry management companies: Saf Marche, Saf Monti Azzurri and Saf Tronto (public-private managers of state and collective forests), Consorzio Marche Verdi (a company that organises the regional forestry workers), Pro.Mo.Ter Soc. Coop. and Dream Italia Soc. Coop. (professional societies), Cursa (research body), PEFC Italy (national governing body of the PEFC certification system), Cia (trade union representing the agricultural world) and Azienda del Catria (collective forestry properties).





Lead partner:



The partners:



SOCIETÀ AGRICOLA FORESTALE DI GESTIONE
DEI BENI AGRO-SILVO-PASTORALI TRONTO



Consorzio
MARCHEVERDI
Soc. Coop. a r.l.



Consorzio Universitario
per la Ricerca
Socioeconomica
e per l'Ambiente





The project focused on the evaluation of the eco-systemic services of forests, with particular attention to the quantification of carbon storage through **Sustainable Forest Management** interventions on the forests of the participants, who obtained Forest Certification for a total surface area of **9,208 hectares** in which **24,000 t** of **additional CO₂** per year can be stored, extending along the Apennine ridge from the Piceno area to the province of Pesaro-Urbino.

Implementation of the good practice

The project included the following activities:



Partner Training → **Level I Auditor**

Verification/Adaptation of **Forest Management Plans to PEFC Sustainable Forest Management Standard**

Drafting certification documentation

Audit and certification process

Methodology definition

Experimental forestry sites

C Stock Assessment and Quantification of **Sustainability Credits**

Silvicultural training for forestry workers

Training in Communication and Crowdfunding

Information **exchange platform on Sustainability Credits**

Verification of property requirements as per indicators Management Plans (MPs) and adaptation of forest management plan to the SFM standard

approccio di performance (importante per la certificazione forestale): sono definiti a priori criteri di gestione da rispettare e/o soglie minime da raggiungere nella gestione dell'azienda.



Solo l'Azienda B, che raggiunge il livello di performance minimo è certificata, mentre l'Azienda A non ottiene la certificazione.

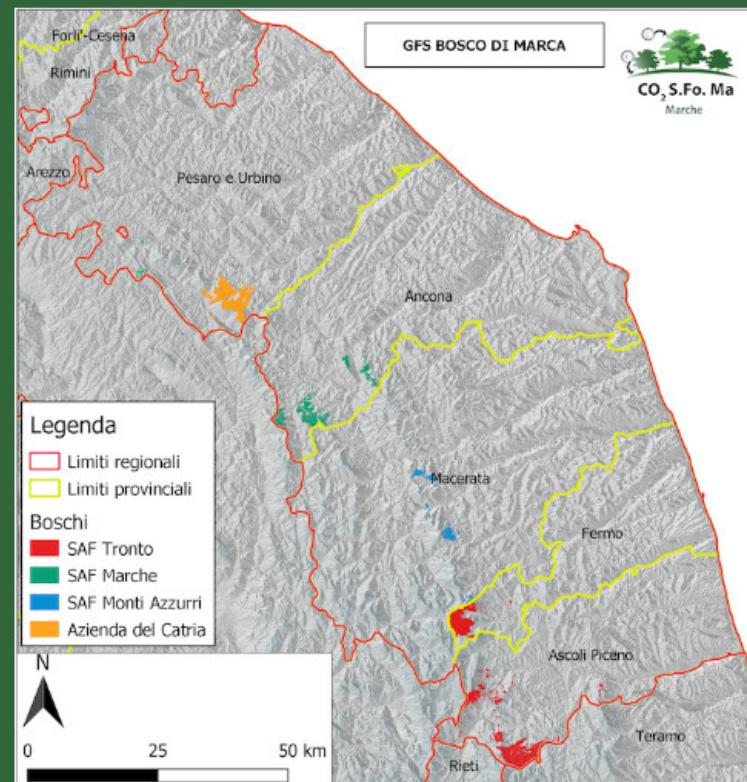


Information Exchange Platform “Sustainability Credits”

Le foreste Certificate secondo la Gestione Forestale Sostenibile (GFS) sono in grado di stoccare una quota maggiore di Carbonio rispetto alle foreste non gestite (cioè non tagliate) e non curate; contribuiscono alla mitigazione dei cambiamenti climatici; prevengono rischi naturali e ambientali quali incendi boschivi, dissesti idrogeologici, erosione del suolo, ecc...; tutelano la biodiversità e il paesaggio; offrono attrazioni turistico-ricreative e prodotti e sotto-prodotti del bosco, insieme a cultura, tradizioni e lavoro per maestranze forestali qualificate.

Siamo un team di professionisti e ricercatori forestali, dottori in scienze naturali, biologi, ingegneri ambientali, Società Agricole Forestali (SAF) delle Marche, Tronto e Monti Azzurri, Associazioni di Categoria (CIA Ancona) e consorzi di ditte forestali locali (Consorzio Marche Verdi) e con rigore abbiamo individuato un metodo di conteggio del Carbonio stoccabile nel Bosco di Marca certificato GFS.

Vorremmo mettere in connessione domanda e offerta di crediti di sostenibilità di foreste certificate, anche in altre parti di Italia, in un mercato volontario di scambio di tonnellate di carbonio, stoccate con criteri di addizionalità (ovvero che non rientrano nei conteggi del governo italiano secondo gli accordi di Kyoto e di Parigi).



Vuoi compensare emissioni in atmosfera comprando Crediti di Sostenibilità provenienti da Foreste Gestite in modo Sostenibile?

Registrati

Possiedi o gestisci un bosco certificato GFS e sei interessato a mettere in vendita i Crediti di Sostenibilità provenienti dalle tue foreste?

Registrati

Vuoi essere informato e/o contribuire alla riuscita di questo progetto pilota di certificazione di foreste gestite attivamente e in modo sostenibile?

Registrati

Se avete già un account potete fare login da qui

LOGIN

<https://www.co2marche.it/cms/it>

Evidences of success

Results achieved

SFM Forest Certification



CERTIFICATO n. 77920
CERTIFICATE n.

Il Sistema di Gestione Forestale Sostenibile
The Sustainable Forest Management System

Per le seguenti tipologie forestali/for the following forest types
Rimboschimenti di conifere, faggete, boschi misti di latifoglie, castagneti, quercete, leccete.

dell'Organizzazione/ of the Company

Società Agricola-Forestale di gestione dei beni agro-silvo-pastorali delle Marche - Gruppo PEFC Bosco di Marca

Via Dante, 268 – 60044 FABRIANO (AN)

Rappresentata da/Represented by
Fabrizio Giuliani

È conforme agli Standard /
Is in compliance with the Standards

PEFC ITA 1000:2015
PEFC ITA 1001-1:2015

Superficie gestita in modo sostenibile/Sustainable managed areas
9208,25 ha

Livello di certificazione/Level of certification
Gruppo/Group

Elenco dei proprietari/gestori forestali aderenti in allegato n. 1
Forest owners/managers: see annex n. 1

Il presente certificato è soggetto al rispetto del Regolamento di Certificazione di CSQA.
La validità del presente certificato è subordinata a sorveglianza periodica e rinnovo quinquennale.
This Certificate satisfies the requirements established by CSQA.
The validity of this certificate depends on periodic surveillance and renewal every five years.

Prima emissione: 28/12/2022
First issue
Emissione corrente: 28/12/2022
Current issue
Data di scadenza: 27/12/2027
Expiring date

L'Amministratore Delegato
The Chief Executive Officer
Dr. Pietro Bonato

CSQA Certificazioni Srl
Via S. Gaetano, 74 – 36016 Thiene (VI)

Model PEFC_GFS_Group
Rev.2 del 27/11/2017



PEFC N° 0148
Membro degli Accordi di Mutuo Riconoscimento EA, IAF e IALC
Signatory of EA, IAF and IALC Mutual Recognition Agreements



CERTIFICATO n. 77920
CERTIFICATE n.

ALLEGATO n. 1
ANNEX n. 1

n.	Aderente	Sede legale	Superficie (Ha)	Data adesione
001	Società Agricola-Forestale di gestione dei beni agro-silvo-pastorali delle Marche	Via Dante, 268 - 60044 Fabriano (AN)	2184,72	28/12/2022
002	Società Agricola-Forestale di gestione dei beni agro-silvo-pastorali dei Monti Azzurri	Via Piave, 12 - 62026 San Ginesio (MC)	419,29	28/12/2022
003	Società Agricola-Forestale di gestione dei beni agro-silvo-pastorali del Tronto	Via Cartiera, 1 - 63100 Ascoli Piceno (AP)	3941,56	28/12/2022
004	Azienda Speciale Consorziale del Catria	Via Fonte Avellana, 17/A - 61040 Frontone (PU)	2662,68	28/12/2022

Il presente certificato è soggetto al rispetto del Regolamento di Certificazione di CSQA.
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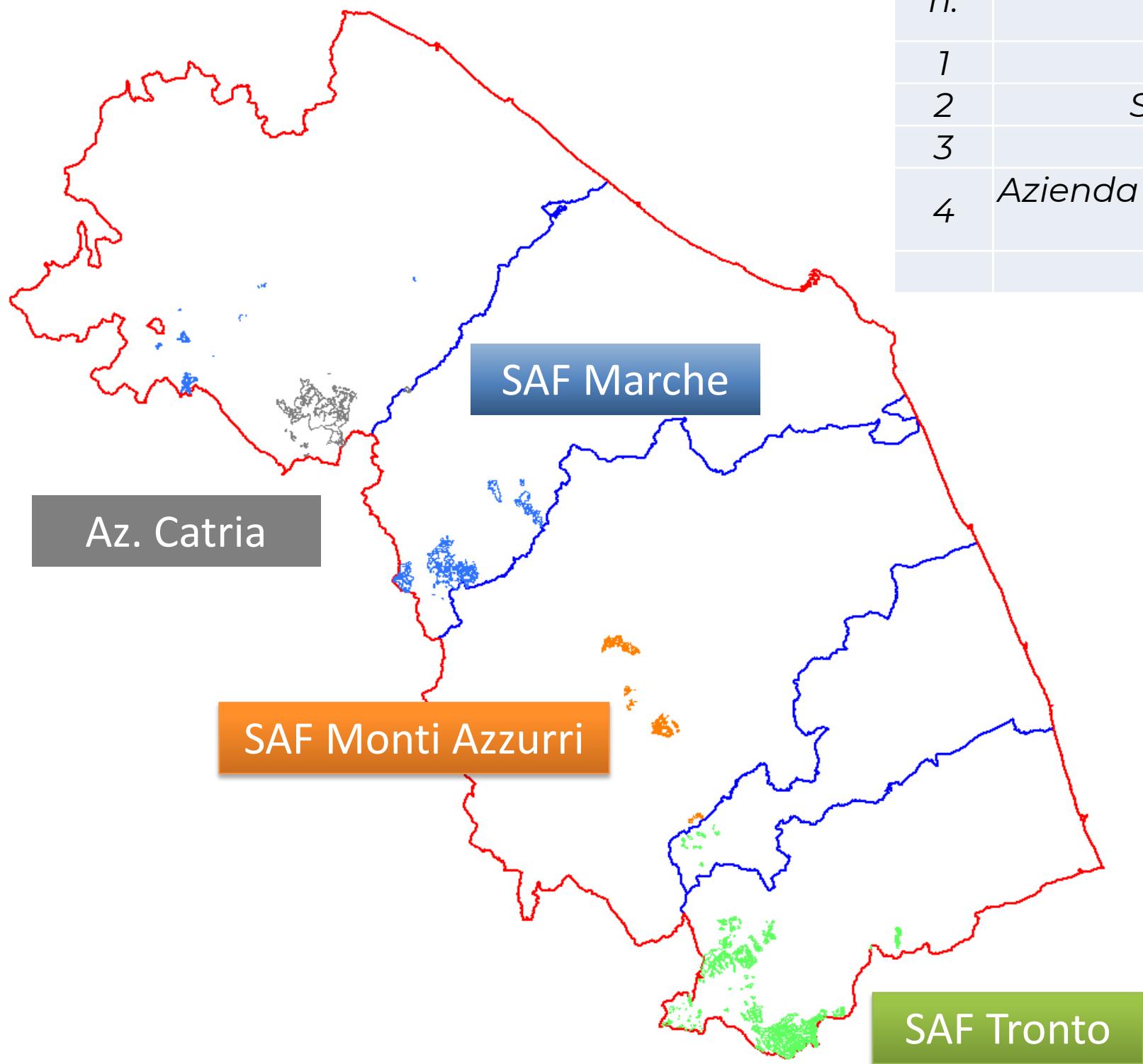
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n.	Adherent	Surface area (ha)
1	SAF Marche	2.185
2	SAF Monti Azzurri	419
3	SAF Tronto	3.942
4	Azienda Speciale Consorziale del Catria	2.662
		9.208



Forestry sector in the Marche Region: good practices

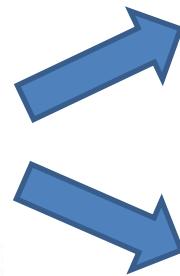
In Marche region, defined as *significantly rural* according to OECD criteria, forests occupy over 35% of the entire regional territory. Forested areas are mainly concentrated in the **inland and mountainous areas** of the region, where they occupy over two thirds of the territory. According to data from the PAI (Piano di Assetto Idrogeologico) and the Ministry of the Environment, the **99% of the municipalities in the entire region**, which has **the highest landslide index among all Italian regions** (source: ISPRA), are at **hydrogeological risk**.



Forestry sector in the Marche Region: good practices

FORESTRY ASSOCIATIONISM

SAF (Società Agricola Forestali) are public-private companies with a private majority and associate the public bodies (Unioni Montane) that own the forest domain, the professional companies (Pro.Mo.Ter Soc. Coop.) that plan and design forestry interventions and the private forestry cooperatives (Consorzio Marche Verdi) that carry out the interventions. There are no public forestry workers in the Marche Region, but **400 forestry workers**, including members, employees and technicians, work within the cooperative. The SAF is an example of a PPP (**Public Private Partnership**).

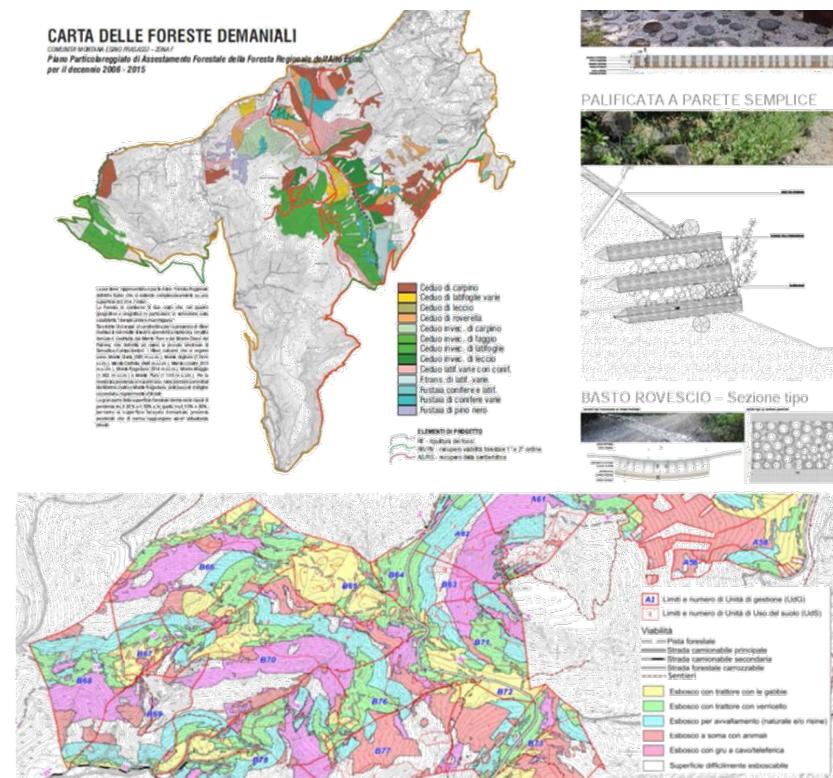
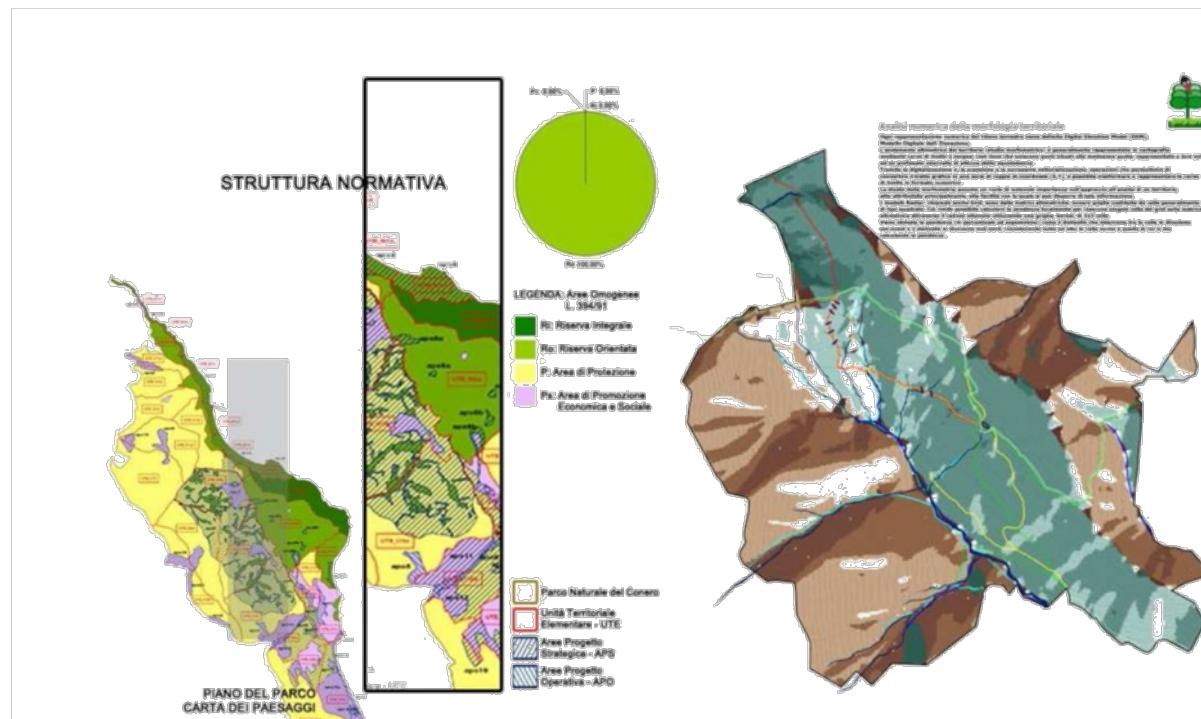


STRUTTURA TECNICO PROGETTUALE

Forestry sector in the Marche Region: good practices

FOREST PLANNING

In the Marche Region, in line with national data, most of the forests are in a state of abandonment and unmanaged: only the 20% of the forests has a Forest Management Plan. On the contrary, all the SAF have a **Forest Management Plan** valid for ten years (2019-2028) that allows them to plan, design and implement interventions.



Forestry sector in the Marche Region: good practices

FOREST DESIGN

SAFs, through their associated technical structures, plan forestry interventions of various kinds on their managed forest areas that **enhance Ecosystem Services**:

- forestry interventions for the prevention of **forest fires**;
- forestry interventions to increase **biodiversity** and **resilience**;
- forestry interventions for **hydrogeological risk mitigation** with naturalistic engineering works;
- forestry interventions for the **recreational and tourist enhancement** of forests.



Forestry sector in the Marche Region: good practices

IMPLEMENTATION OF INTERVENTIONS

SAF, through its associated forestry cooperatives, is able to carry out forestry operations, creating employment and work for 400 forestry workers, resident in the inland and mountainous areas of the Marche Region, where environmental and socio-economic criticalities are more present than in metropolitan and coastal areas. Forestry activities allow **territorial protection and the permanence of local populations and communities in the regional mountains.**



FOREST CERTIFICATION AND FUTURE OBJECTIVES

SAFs intend to **implement the PEFC SFM Certification** they already hold, both by extending it to **additional areas** and by **broadening the scope to ecosystem services**, with particular reference to Sustainability Credits.



Active sustainable forest management, implemented and promoted according to Forest Certification standards, is central to the socio-economic and environmental development of present and future generations.



<https://www.co2marche.it/en/>

Thank you for your attention



D.R.E.A.M.
ITALIA

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**Time for
questions**

