


## GOOD PRACTICE

Please include the following information about the Good Practice

<p><b>Title:</b></p>	<p>Please include the title of the Good Practice] [100 character]</p> <p><b>CO2 S.Fo.Ma. Marche - CO2 Stored in Forests Management Marche</b></p>
<p><b>Image:</b></p>	<p>Please, upload your own (in compliance with the copyright rules) or select one from the pool of pre-defined images. This image should be the most representative one for the Good Practice and will be uploaded in the Interreg Europe Database [Recommended dimensions: 440 x 450 pixels, 1MB]</p> 

## ORGANISATION IN CHARGE OF THE GOOD PRACTICE

*If your organisation is not the one in charge of the Good Practice, please include information of the relevant organisation in charge in this section*

<b>Organisation name:</b>	[Insert] <b>SAF Marche</b> (leader), Consorzio Marche Verdi S.c.a.f., SAF Monti Azzurri, SAF Tronto, D.R.E.Am. Italia Soc. Coop., Associazione PEFC Italia, C.U.R.S.A., Pro.Mo.Ter. Soc. Coop., Confederazione Italiana Agricoltori – C.I.A. Provinciale di Ancona	
<b>Location of the organisation in charge:</b>	<input type="checkbox"/> Country:	[Insert]
	<input checked="" type="checkbox"/> Region:	[Insert]
	<input type="checkbox"/> City:	[Insert]

## AUTHOR OF THE GOOD PRACTICE

*Please include your contact details as a partner of the NACAO project. Your contact details will still be linked to the submitted Good Practice. Contact information comes from your community profile. You can edit it by visiting your user dashboard. If you submit a Good Practice, your personal and organisational profile in the Interreg Europe community will be linked to it.*

<b>Author:</b>	Name:	[Insert]
	Email:	[Insert]
	Telephone:	[Insert]
<b>Organization:</b>	Name:	[Insert]
	Country:	[Insert]
	Region:	[Insert]
	City:	[Insert]

## INTERREG EUROPE PROJECT LINKED TO THE GOOD PRACTICE

*If you are involved in more than one Interreg Europe project, please choose the project for which you are submitting this Good Practice. If you are not part of an Interreg Europe project, please remember to choose the most relevant thematic objective and sub-topic for the Good Practice according to the included ones in their respective Call or Terms of Reference*

<b>Interreg project title:</b>	Nature-based Carbon Offsets
<b>Interreg project acronym:</b>	NACAO
<b>Thematic objective:</b>	Greener Europe



**Thematic sub-topic:**

Climate Change

## GENERAL INFORMATION OF THE GOOD PRACTICE

Please provide general information of the Good Practice

<b>Title:</b>	<i>Please insert the same title as the 1<sup>st</sup> green section [100 character]</i>	
	<b>CO2 S.Fo.Ma. Marche - CO2 Stored in Forests Management Marche</b>	
<b>Type<sup>1</sup></b>	<input checked="" type="checkbox"/> Technical	<input checked="" type="checkbox"/> Administrative
	<input type="checkbox"/> Financial	<input type="checkbox"/> Promotion & Participation
	<input type="checkbox"/> Regulatory framework	<input type="checkbox"/> Collaboration
	<input type="checkbox"/> Other:	<i>[Insert]</i>
<b>Brief description:</b>	<i>Please include a short summary of the Good Practice [500 characters]</i>	
	The project promotes conservation and carbon sequestration in the forestry sector. The partnership, has pursued Sustainable Forest Management (GFS) of the forest assets (with a voluntary certification recognized by accredited third-party certification bodies) and has identified a methodology consisting of counting the stored carbon and evaluating the sustainability credits that can be generated by specific forest management and agroforestry sinks in the area.	
<b>Source Carbon Offsets<sup>2</sup></b>	<input checked="" type="checkbox"/> Green	<input type="checkbox"/> Blue
	<input type="checkbox"/> Other:	<i>[Insert]</i>
<b>Promoting institution:</b>	<input type="checkbox"/> National:	<i>[Insert]</i>
	<input checked="" type="checkbox"/> Regional:	SAF Marche
	<input type="checkbox"/> Local:	<i>[Insert]</i>
<b>Level of application:</b>	<input type="checkbox"/> National	
	<input type="checkbox"/> Regional	
	<input checked="" type="checkbox"/> Local	
<b>Geographical scope (location):</b>	<input type="checkbox"/> Country:	<i>[Insert]</i>
	<input checked="" type="checkbox"/> Region:	<i>[Insert]</i>
	<input type="checkbox"/> City:	<i>[Insert]</i>
<b>Status:</b>	<input type="checkbox"/> Successful	
	<input type="checkbox"/> Non successful	
	<input type="checkbox"/> On-going (in progress)	

(1) Green Carbon: projects based on carbon storage on plants & soil; Blue Carbon: projects based on carbon storage on ocean, coastal & wetlands; Other (not limited to nature-based Carbon Offsets): Projects based on sustainable practices on agriculture, silviculture & building sectors.

(2) Technical: initiatives, projects, methodologies for design, execution, monitoring, etc.; Administrative: administrative procedures for relaxation, simplification, etc.; Financial: financing resources for new projects; Promotion & Communication: awareness campaigns, promotional material, participation, etc.; Regulatory framework: policies, legal acts, strategies, plans on CC, etc.; Collaboration: private-public agreements.

## DETAILED INFORMATION OF THE GOOD PRACTICE

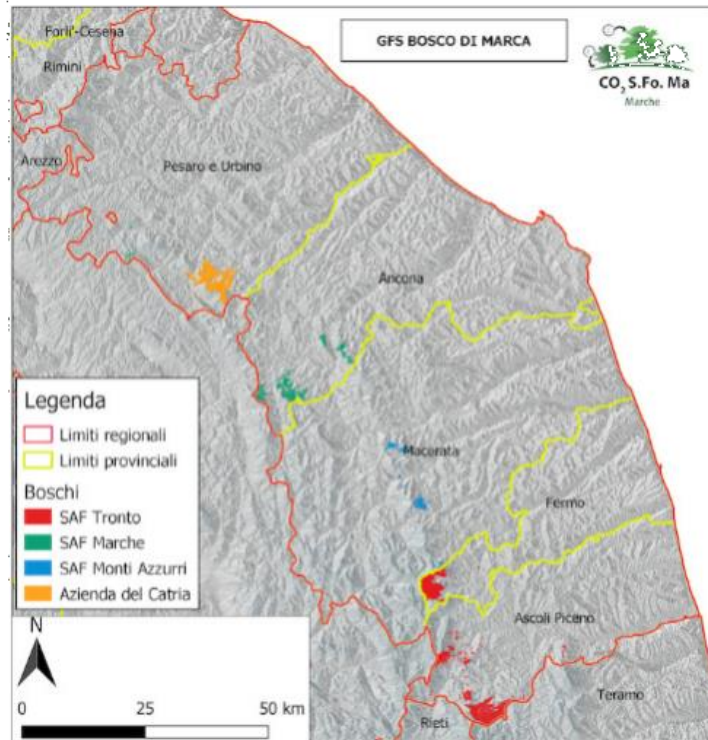
Please provide detailed information about the Good Practice from its background to their achieved results

<p><b>Background:</b></p>	<p><i>What is the problem addressed and the context which triggered the introduction of the Good Practice? [1.500 characters]</i></p> <p>Carbon absorption by forest can be encouraged in various ways. Alongside the creation of new forests, which entails an additional net absorption of CO<sub>2</sub>, sustainable forest management can also lead to an increase in carbon sinks.</p> <p>The project focused on Sustainable Forest Management (SFM) based on the evaluation of the eco-systemic services of forests, with particular attention to the quantification of carbon storage. SFM is certified by PEFC. PEFC (Programme for Endorsement of Forest Certification schemes) is a Forest Certification, which is based on compliance with the criteria and indicators defined in the Ministerial Conferences for the Protection of Forests in Europe (Helsinki 1993, Lisbon 1998).</p>
<p><b>Legal framework:</b></p>	<p><i>Please include the legislative references (legal acts, standards, strategies, etc.) and their level of application (national, regional and/or local) [1.500 characters]</i></p> <p>At national level, the Decree of Environmental Minister of 1° April 2008 introduced the carbon sink in the legal framework. With the Law-Decree n. 13/2023 (Conversion Law n.41/2023) a «Public register of carbon credits generated on a voluntary basis by national agri-forest sector» was established. In the public register are accepted as credit only afforestation, reforestation and sustainable agricultural and forestry management activities, additional to those provided for by current European legislation. Technical indication from Ministry of Agriculture and Forestry and from Ministry of Environment are still in elaboration.</p>
<p><b>Objectives:</b></p>	<p><i>What are the main addressed objectives by the Good Practice? [3.000 characters]</i></p> <p>The general objective of the project was to stimulate the carbon storage through the sustainable forest management. To this end, the following objective were established:</p> <ul style="list-style-type: none"> <li>- To obtain Sustainable Forest Management for the forest of the partnership</li> <li>- To quantify the carbon additionally stored by forest management, assigning an economic value (carbon credits)</li> <li>- To create a platform for the voluntary carbon market.</li> </ul> <p>An additional objective of the project was also to stimulate the cooperation between public and private in forest management, involving in the certification process both private owners and public-private organizations responsible for management of public forests.</p>

<p><b>Implementation:</b></p>	<p>How does the Good Practice reach its objectives and how it is implemented? [3.000 characters]</p> <p>The first step of the project was to quantify, by an appropriate methodology, the CO<sub>2</sub> additionally stored with different management options in respect to unmanaged forest. Scientific partners of the project has analysed in pilot areas the carbon flow in both soil and arboreal part. Pilots are chosen to be representative of unmanaged woods (baseline) and of different management options, as coppice and timber conversion. The forest type selected for the analysis are beechwood and broadleaved mixed wood (mainly oaks and hornbeam). Based on the analysis, PEFC (partner of the project) has quantifies the additional carbon storage in term of CO<sub>2</sub>eq/ha for the managed forest and has produced a manual of Sustainable Forest Management with indicators and criteria for obtaining the CO<sub>2</sub> credits. Since indicators consider also other environmental issues (as hydrogeological risk), also more generic credits of sustainability are identified. Consequently, partners have obtained a voluntary certification on forests recognized by accredited third-party certification bodies through the drafting of a specific GFS Manual and the consequent adaptation of the existing Management Plans. Finally, a web platform for the exchange of carbon credit was implemented.</p> <p>Peculiar attention was also given to the dissemination of results and to the transfer of knowledge, with the involvement of stakeholders and general public.</p>
<p><b>Actors involved:</b></p>	<p><i>Who are the main stakeholders and beneficiaries of the Good Practice? [1.500 characters]</i></p> <p>The project was founded on the collaboration between different partners, including agro-forest public-private organization responsible for forest management (as SAF Marche lead partner of the project, SAF Monti Azzurri, SAF Tronto, Consorzio Marche Verdi S.c.a.f), private companies and scientific bodies expert in forest management (D.R.E.Am. Italia Soc. Coop., C.U.R.S.A. Consorzio Universitario per la Ricerca Socio-economica e per l'Ambiente, Pro.Mo.Ter. Soc. Coop., Confederazione Italiana Agricoltori – C.I.A. Provinciale di Ancona) and the PEFC Italian association. In addition, private forest owners were involved n the process of certification.</p>
<p><b>Resources needed:</b></p>	<p><i>Please specify the amount of funding/financial resources used and/or the human resources required to set up and to run the Goo Practice [300 characters]</i></p> <p>The project was financed with a contribution of 289.570,89 € by the regional program for the European Regional Development Fund (ERDF).</p>
<p><b>Timescale:</b></p>	<p><i>Please include start and end data (e.g. January 2023 – May 2024 / ongoing)</i></p>

	<p>March 2019 – February 2023</p>
<p><b>Challenges encountered:</b></p>	<p><i>Please specify any challenges encountered/lessons learned during the implementation of the Good Practice [1.500 characters]</i></p> <p>The first challenge was to put together a large extension of forest to the certification, coordinating several small private owners together with public bodies. The good work of dissemination and involvement done by the partners of the project responsible for forest management (as the SAFs) has allowed to overcome this problem.</p> <p>Another challenge concerns the economic implication of leaving more biomass in the wood (to increase the carbon stock) that means a reduction of products for the market: in this respect, it is important to use the economic analysis also to set the minimum price for carbon credits.</p> <p>Last, some problems derive from the lack of specific regulations and of a consolidated market, with a consolidated carbon price.</p>
<p><b>Results achieved:</b></p>	<p><i>Why is this practice considered as good? Please provide factual evidence that demonstrates its success or failure (e.g. measurable outputs/results) [1.500 characters]</i></p> <p>Participants obtained the certification of sustainable forest management for a total surface area of 9,208 hectares crossing the whole region, extending along the Apennine ridge from the Piceno area on the south to the province of Pesaro-Urbino on the north. This is the largest forest certification in central-southern Italy. This surface provides an additional storage of 24,000 t of CO<sub>2</sub> per year.</p> <p>The certification of credits is ongoing and it is expected to be consolidated within the summer.</p>
<p><b>Picture, photos, images:</b></p>	<p><i>Please insert pictures, photos, images, etc. linked to the Good Practice</i></p>





**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.



*Link to where further information on the Good Practice can be found*

**Further information:**

Website of the project:

<https://www.co2marche.it/chi-siamo/>

Direct link to the platform:

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



## POTENTIAL FOR TRANSFER THE GOOD PRACTICE TO OTHER REGIONS

Please explain why you consider this Good Practice (or some aspects of this Good Practice) as being potentially interesting for other regions to learn from. This can be done e.g. through information on key success factors for a transfer or on, factors that can hamper a transfer. Information on transfer(s) that already took place can also be provided (if possible, specify the country, the region – NUTS 2 – and organisation to which the practice was transferred)

<p><b>Legal feasibility:</b></p>	<p><i>It refers to the legal feasibility of transferring the Good Practice to other regions. It will assess for example the need of legislative effort to transfer the Good Practice in a legislative context (e.g. the need of a national decree to apply the Good Practice at a regional level, the need to activate a long legislative procedure, etc.) [1.500 character]</i></p> <p>The methodology for the certification of sustainable forest management was produced by an independent ONG. The GP does not rely on a specific national or regional legislation and this makes its replicability easier.</p>
<p><b>Economic feasibility:</b></p>	<p><i>It refers to the economic feasibility of transferring the Good Practice to other regions. It will assess the required economic costs (additional staff costs, funding/financial resources, adjustment of IT tools, etc.) to adopt or implement the Good Practice [1.500 character]</i></p> <p>The transfer of the GP does not implies direct costs. The Manual for sustainable management of forests with criteria and indicators could be replicated in other contexts (paying attention to technical feasibility). In addition, the implementation of a voluntary carbon market makes economically efficient the sustainable management of forests.</p>
<p><b>Technical feasibility:</b></p>	<p><i>It refers to the technical feasibility of transferring the Good Practice to other regions. It will assess the development of new IT tools, adjustment of methodologies, regional studies of areas for its implementation, etc. [1.500 character]</i></p> <p>The general approach of the project could be easily replicated. The methodology for the computation of the surplus of carbon stock is calibrated on specific forest types associated to specific pedo-climatic condition: for different ecosystems it would be adequately calibrated. The approach for the forest management certification, including the public-private cooperation and the dissemination, could be replicated in different context.</p>
<p><b>Policies priorities:</b></p>	<p><i>It aims to assess the policy relevance of the Good Practice in the Climate Change priorities. This criterion aims to take into account the strategical value of a certain sector for the participating region, future forecast of development of the sector, growth prospect, impacts on adaptation and mitigation, etc. [1.500 character]</i></p> <p>Forest sector is central in climate change mitigation policies. Forests cover about the 30% of Marche's territory. One of the priority of the regional administration is to increase the contribution of forest in mitigation to climate change through green carbon solution.</p>

**SUPPORTING INFORMATION OF THE GOOD PRACTICE**

*Please provide supporting information of the Good Practice to be uploaded in Interreg Europe Database (if appropriate)*

<b>Keywords:</b>	<i>Select from existing keywords [drop down]</i>
<b>Expert opinion:</b>	<i>Filled in by the Policy Learning Platforms experts in case of the Good Practice is published in the Good Practices database [1.500 characters]</i>