

Topic 4 workshop

Smart natural resources management, from emerging uses as biomass to new challenges as environmental services payment

Thematic partner template

Name of the Project: SylvaMED

Name of the Partner: Mediterranean Agronomic Institute of Chania (MAICh)

Name of the speaker: Chariton Kalaitzidis

Project Objectives

1. Engage regional administrations into improving environmental sustainability through better forest management: private-public round-tables, regional field benchmarking, economic and legal frameworks.
2. Propose and impulse more structured public initiatives for the payment of forests environmental services through PES and MBI mechanisms: pilot experiments as regional showcases (watershed protection and quality improvement, regulation of public access to vulnerable forested areas, marketing of non-valorized non-timber products), policy harmonization and improvement at all administrative levels.
3. Address and fill the communication gap towards policy makers and the general public on the collective benefits of non-marketed forests functions: horizontal and vertical dissemination, sensibilization campaigns.

Partners



Forest Sciences Center of Catalonia (CTFC)



EUROPEAN FOREST INSTITUTE
MEDITERRANEAN REGIONAL OFFICE - EFIMED
European Forest Institute Mediterranean
Regional Office



Regional Centre for Private Forestry of
Languedoc-Roussillon



Environmental Department of Liguria Region



ZAVOD za GOZDOVE
SLOVENIJE
Slovenia Forest Service

Slovenia Forest Service



Regional Forest Ownership
Centre of PACA



CIHEAM
MAI CHANIA

Mediterranean Agronomic
institute of Chania



Centre de la Propriété
Forestal

Forest Ownership Center of Catalonia

With the support of:



Foresters Association from the Mediterranean



Objectives of the technical components:

C1. STATE OF THE ART

Review of existing experiences on PES in Water, Social Uses & NWFPs around the forests at scientific and legislative level

C2. FROM THEORY TO PRACTICE

To test the implementation of a local systems of PES to solve environmental threats and provide new ways to improve the rural development + communication actions for social acceptance

C3. INNOV. & EVOLUTION OF PUBLIC POLICIES

To discuss results and ways to extend the experience between public and private actors with the aim...

to give policy recommendations to integrate the PES in the current legislation



C1. STATE OF THE ART

Review of existing experiences on PES in Water, Social Uses & NWFPs around the forests at scientific and legislative level



DELIVERABLES FORECASTED

1 Working Report on Water&Forest

1 Working Report on Social Uses and collective benefits

1 Working Report on marketing of non-wood products

1 Legal Framework Diagnosis

Pilot Actions

	Water	NWFPs	Social
Catalonia	Water regulation	Mycological Regulation	
CRPF-PACA	PES Water Cycle		Sports
CRPF-LR	Water		Social Functions
Liguria	Flood Risk/Biomass	Mushroom Picking	
Slovenia		Chestnuts	Social in Urban
Greece		Honey Production	Sports



THE CATALOGUE ON BEST PRACTICES

Edited by Region Liguria



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Project cofinanced by the European Regional Development Fund (ERDF)



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des services environnementaux
des forêts méditerranéennes



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per i servizi ambientali dalle
foreste del Mediterraneo



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als boscos mediterranis



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en Bosques Mediterráneos



Το Πράσινο βιβλίο των πληρωμών
για τα περιβαλλοντικά υπηρεσίες
των Μεσογειακών δασών



Zelena knjiga o plačevanju
ekosistemskih storitev iz
sredozemskih gozdov

Green Book

Green Book on payments
for environmental services
from Mediterranean forests





TOPIC 4 workshop

✓ What's our capitalisation methodology?

- ✓ What elements of your project need to be considered within the Medland deliverables?
 - Working reports on Water, NWFPs, Social Uses and Legislation
 - Best Practices derived from Pilot Actions
 - Green Book on PES from Mediterranean Forests
- ✓ What are the transferability conditions? (biogeographical context, socio-economic context)
 - Legislative framework
 - Forest owners and associations structure
 - Capacity for service provision
 - Public preferences



TOPIC 4 workshop

- ✓ Be **critical** about your project (approach, methods, tools, implementation) :
 - ✓ What was good/what has worked? Why?
 - Interest in PES implementation from service providers (owners)
 - Users willing to pay when properly informed
 - Formal agreements signed on certain occasions
 - ✓ What did not work as expected? Why? How can it be corrected?
 - Informing the stakeholders is a lengthy process
 - Enforcing payment problematic when access to the service is not controlled
 - Difficult to find the monetary compromise where both parties are satisfied



TOPIC 4 workshop

- ✓ Be **critical** about your project (approach, methods, tools, implementation) :
 - ✓ What are the mistakes/errors to avoid in the future?
Recommendations?
 - Early stakeholder consultation and time investment
 - Ensure that current policy framework permits the implementation of a PES scheme
 - Define clear terms of agreement and a framework where service provider and users are obliged to fulfil their obligations

Challenges and opportunities on each cross-sectoral component

Cross-sectoral components: C1. Governance and participation involvement; C2. Operational and R+D priorities; C3. Target group focused communication needs; C4. Financial needs and opportunities

From your MED project expertise, describe shortly main conclusions for:

Topic 4: Smart natural resources management, from emerging uses as biomass to new challenges as environmental services payment

(add more slides if necessary)

C1. Governance and participation involvement

- EU forest policy and some States policy support PES, especially regarding water quality/quantity.
- None or very limited legislative framework to address/referee service provider (forest owners/managers) –user collaboration.
- Lack of information to relevant stakeholders and lack of framework deters service providers and cause mistrust.
- Service users are not willing to pay for a service that is currently free.
- Inform the interested parties about the concept of PES. Explain that through a PES the service will remain available, otherwise there is a possibility it will cease.
- Draft and implement legislation that defines the obligations of all participating parties and allows legal binding agreements between them.

Challenges and opportunities on each cross-sectoral component

Cross-sectoral components: C1. Governance and participation involvement; C2. Operational and R+D priorities; C3. Target group focused communication needs; C4. Financial needs and opportunities

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(add more slides if necessary)

C2. Operational and R+D priorities

- Climate change can affect the ability of forest to provide services such as high water quality and quantity.
- Identification of service users and valorization of service.
- Adoption of forest management plans that take into account the implementation of a PES and ensure the continuous provision of the service (water, non-wood forest products).

Challenges and opportunities on each cross-sectoral component

Cross-sectoral components: C1. Governance and participation involvement; C2. Operational and R+D priorities; C3. Target group focused communication needs; C4. Financial needs and opportunities

From your MED project expertise, describe shortly main conclusions for:

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(add more slides if necessary)

C3. Target group focused communication needs

- Lack of education/information can be a barrier, causing mistrust.
- Forest owners often not aware of the services provided by the forests.
- There is growing concern regarding water supply in the Mediterranean.
- Provision of informative seminars to forest owners.
- Inform stakeholders of the possibility of profit for both the provider (revenue) and the user (reduced cost).

Challenges and opportunities on each cross-sectoral component

Cross-sectoral components: C1. Governance and participation involvement; C2. Operational and R+D priorities; C3. Target group focused communication needs; C4. Financial needs and opportunities

From your MED project expertise, describe shortly main conclusions for:

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(add more slides if necessary)

C4. Financial needs and opportunities

- Provision of service can be very costly, requiring payment above the willingness of the user.
- State-supported PES, to cover the gap between required and acceptable payments.
- Collaboration of multiple service providers for reduction of overall cost.

List of operational tools and best practices [Linked with the e.Book contents](#)

Cross-sectoral components: C1. Governance and participation involvement; C2. Operational and R+D priorities; C3. Target group focused communication needs; C4. Financial needs and opportunities

From your MED project outputs, please mention shortly some operational tools or best practices/ experiences that could be linked with the corresponding topic (classify them by component if is possible):

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(add more slides if necessary)

- Policy Brief on PES.
- Meetings with forest owners to inform them about forest services and PES.
- Persuasion of users that payment is essential for the continuous provision of the service.
- Determination of willingness to pay and assign market value of forest service/good, through consultation with potential users/buyers.
- Best practices conclusions from pilot actions.
- Production of Green Book for widespread dissemination to forest owners' associations, public administrations related to forest management and relevant stakeholders.
- Working reports on Water, NWFPs and Social uses, as well as the Legal Framework.

Description of operational tools and best practices [Linked with the e.Book contents](#)

From your MED project outputs, please describe the operational tools or best practices/experiences that could be linked with the corresponding topic:

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(add more slides if necessary)

Policy Brief on PES

A Policy Brief on PES was published by the European Forest Institute, in order to outline the current knowledge on PES, discuss their potential applicability in the Mediterranean and identify the challenges that need to be addressed by policy makers, public officials and researchers.

Meetings with forest owners to inform them about forest services and PES

The SylvaMED project has found that, frequent and persistent communication with the forest owners is imperative for the successful implementation of a PES scheme.

Persuasion of users that payment is essential for the continuous provision of the service

It is difficult to persuade the user that the service that was available for free requires compensation for the provider.

Description of operational tools and best practices [Linked with the e.Book contents](#)

From your MED project outputs, please describe the operational tools or best practices/experiences that could be linked with the corresponding topic:

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(add more slides if necessary)

Willingness to pay / forest service valorization

Forest service/good needs to be awarded a market value that is sufficient for the service provider (forest owner) in order to keep providing the service and acceptable/affordable for the user/buyer.

Best practices conclusions from pilot actions

The pilot actions implemented in the SylvaMED project have been included in a report, outlining the methods implemented and highlighting the problems encountered.

Production of Green Book

A “Green Book” was produced, describing the conceptual design of the PES schemes implemented in the pilot actions, for various goods/services and in different countries.

Working Reports

The working reports contain information that, in conjunction with the Best Practices, can provide useful information when designing the PES.

Methodological recommendations [Linked with the e.Book contents](#)

Cross-sectoral components: C1. Governance and participation involvement; C2. Operational and R+D priorities; C3. Target group focused communication needs; C4. Financial needs and opportunities

From your MED project expertise, mention shortly some methodological recommendations for improving / enhancing a project proposition / development / transferring that could be linked with the corresponding topic (classify them by component if is possible):

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(add more slides if necessary)

- Consult with the stakeholders (forest owners/service providers, users/buyers, local/regional administration.
- Assessment of value of service/good, by identifying the willingness-to-pay of the users.
- Ensure that the agreement between providers and users can be realistically enforced.
- Investigate if relevant policy and legal framework can be introduced at the relevant level (local/regional)

<https://www.youtube.com/watch?v=gzNWnREZ2xl>