

Thematic axis workshops

- complementary partner -

Name of the Project: SYLVAMED

Name of the Partner: CRPF Paca

Name of the speaker: Louis-Michel Duhén

Challenges and opportunities on each cross-sectoral component

Topic 1: Integrated management of natural protected areas

Go meeting forest private owners involved with wetlands.

Context

Wetlands which play a role in water storage and have a very high biodiversity are often located in private forests. Most of private forest owners are not much alerted of this and associated to their management in order to integrate them in their practices. CRPF Paca has carried out an pilot action in the frame of SylvaMed with Regional Verdon Park

Wetlands maintenance is a public stake

Integrated management Forest/wetlands has to be improved

Opportunity = GIS = Authorities carry out systematically inventories of wetlands on GIS = overlapping with properties is easier

Operational tools and best cases

Topic 1: Integrated management of natural protected areas

C1 Governance and participation involvement

New partnership between CRPF and water team of the regional natural park of verdon

C2 Operational and R+D priorities:

It was the first time that voluntary forest owners have been encountered on field in order to realize diagnosis and to know : their knowledge level, practices, projects, actions to recommend on wetlands

C4 Financial needs and opportunities

Very useful survey, good receptivity of the owners = that gives the opportunity to present results to the Water Agency which manages funds available for a better water management

Perhaps news PES in the future

Methodological recommendations

Topic 1: Integrated management of natural protected areas

C1 Governance and participation involvement

To Make authorities understand that it's better to support a multifunctional management based on a project, instead of a static thinking based on rules and laws and so to associate forest and rural stakeholders

C3 Target group focused communication needs:

Key messages for forest owners : keep water which is precious, have a responsible et planned management, interest for grouping with forest neighbours, public interest = it is legitimate to be sustained

Key messages for Water authorities : forest plays a decisive role, their interest is to participate for forest protection and for its management which enhances the water supply.

C4 Financial needs and opportunities

Opportunities to find some payments of environmental services between forest owners and water stakeholders . Costs for current management or for an improvement of the wetland could be ensured by authorities involved

Challenges and opportunities on each cross-sectoral component

Topic 2: Natural risks management, especially wildfires

Two pilot actions Sylvamed are related to this topic :

1. Implementation of a method to evaluate the forest watershed vulnerability to hydric erosion and to turbidity. It shows the positive impact of the forest at the involved stakeholders in a river management plan (CRPF Paca, Siagne, Alpes-Maritimes)
2. Implementation of a forestry management for the prevention of hydrogeologic risks (Gênes, Région Ligurie).

C1 Governance and participation involvement

Improve the sustainable production of goods and services by Mediterranean rural areas

(1) Private forest owners are now invited to participate to the study of the River Siagne management plan (SAGE) = they must come with data and good arguments

(2) Lack of profitability of mediterranean forests = lack of management = soil slips = erosion = flooding in neighbourhood of Genova = Liguria Region takes into account the problem and studies the opportunity to revitalize a forest/wood chain based on the biomass energy development



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Challenges and opportunities on each cross-sectoral component

Topic 2: Natural risks management, especially wildfires

C2 Operational and R+D priorities:

(2) Geological and forestry cross-studies, property surveys, analysis of the cost and benefit of local supply chain of wood energy in order to replace fossil energy

C3 Target group focused communication needs:

(1) Community for the river management, other water stakeholders

(2) Municipalities close to Genova, Private forest owners, forestry companies

C4 Financial needs and opportunities

(2) Very high costs of flooding consequences

Operational tools and best cases

Topic 2: Natural risks management, especially wildfires

C1 Governance and participation involvement

(2) Association for creating a local consortium local between forest owners and wood companies

C2 Operational and R+D priorities:

- (1) method uses a model (GIS), which produces forest watershed global vulnerability to erosion according to the kind of stands. The modeling of forest loss, by simulating a fire, a disease, the drought or an overexploitation, shows concretely the high vulnerability to erosion and the appearance of turbidity in the concerned areas**
- (2) Economical comparative analysis between costs of a biomass boilers supplied by local wood and costs of a boiler supplied with fuel which shows a gain that could be used to enhance a local forest and wood chain**

Methodological recommendations

Topic 2: Natural risks management, especially wildfires

C1 Governance and participation involvement

- (1) Forest owners have to group themselves and show that they can apply a common management in order to maintain or to improve provided services
- (2) The creation of consortium grouping collectivities, companies, and forest owners cannot be got round

(3) C2 Operational and R+D priorities:

- (1)&(2) To have technical and economical arguments is necessary. We have to lean on maps = use of GIS

C3 Target group focused communication needs:

Key messages for forest owners : interest to join a partnership for a local stakes step and a public interest move = you are legitimate to be sustained, to have a responsible management, importance to be grouped with their forest neighbours.

Key messages for the Water public authorities: the forest plays a good role if it is well managed, it is their interest to participate to its protection and its management in order to benefit of all goods and services that the forest provides

C4 Financial needs and opportunities

With good arguments, find the win-win deal (fit) in order to build a payment of environmental service.