

# Thematic axis workshops

- complementary partner -

Name of the Project: SYLVAMED

Name of the Partner: CRPF Paca

Name of the speaker: LM Duhén

## 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)

Opportunity : Private forest are now invited to participate to the study of the River Siagne management plan (SAGE) = they must come with data and good arguments to obtain PES ??

1. Implementation of a forestry management for the prevention of hydrogeological risks (Gênes, Région Ligurie).

Threats : Lack of profitability of Mediterranean forests = lack of the forest management = soil slips = erosion = flooding in neighborhood of Genova = high costs for society = Liguria Region takes into account the problem and studies the opportunity to revitalize a forest/wood chain based on the biomass energy development

## Operational tools and best cases

### Topic 2: Natural risks management, especially wildfires

#### Liguria

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

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

#### Siagne

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

## Methodological recommendations

### Topic 2: Natural risks management, especially wildfires

#### Importance of grouping

**SIAGNE** : Forest owners have to group themselves and show that they can apply a common management in order to maintain or to improve provided services

**LIGURIA** : The creation of consortium grouping collectivities, companies, and forest owners cannot be got round

#### Importance to have data and good arguments

To have technical and economical arguments is necessary.

#### Key messages

**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, necessity to have a responsible management, importance to be grouped with their forest neighbours.

**Key messages for the Water public administrations**: the forest plays a good role = it must be protected and well managed, it is your interest to participate to its protection and its management in order to benefit of all goods and services that the forest provides

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