



### Experience by (organization's name)

In (Region/Country)

About the knowledge and values for the preservation of the coniferous forest, against the damage of the pine bark beetle in the northern Morazán

The problem was that the pine bark beetle caused deforestation, which in turn affected the capacity of soils to absorb and infiltrate water, reducing the water available in aquifers or groundwater, increasing runoff, causing greater erosion and reducing the availability of water for consumption and production.

#### Main characteristics:

- The plague was advancing rapidly, it seemed that it would not stop
- Control without application of agrochemicals to not contaminate water resources.
- In case of application of agrochemicals - how is it effectively applied
- No effective inter-institutional coordination

### Experience description

- (1) With the experience gained, a body of knowledge about weevil control was left with a method that worked by trial and error after many scattered actions.
- (2) The organization Interinstitutional Commission for the Restoration of Morazán was created, involving government and civil entities to have more impact and national support for the actions carried out, which monitor any problem related to the natural resources of the northern zone of Morazán and when a situation arises that affects them, the necessary steps are taken to give them a viable solution
- (3) Help was searched from other experiences from outside in similar problems to the one they are facing in order to make better decisions within the discussion spaces.
- (4) The problem was disseminated by local and international media, means the affected population could help generate pressure on the competent bodies to attend to the problem technically and financially.

### Other characteristics



#### REASONS FOR FAILURE

- There was no structured organization that brought together and directed the various local and national actors in the environmental field
- There was no knowledge of the pest in pine forests, much less in methods of control



#### LESSONS LEARNED

- Control of Pine Bark Beetles using an Integrated Pest Management (IPM) approach
- Multi-sector organization that can define and technically plan the intervention without neglecting any element including the opinion and feeling of the general population



#### CORRECTIVE MEASURES

- Identify direct & indirect stakeholders
- Create space for coordination of actions
- Document experiences of problem approach, the process and scope of the actions, so that similar experiences can be useful
- Disseminate through local, national & intern. media