

The contribution of non-timber forest products in the economic and social development of the region of NEFZA

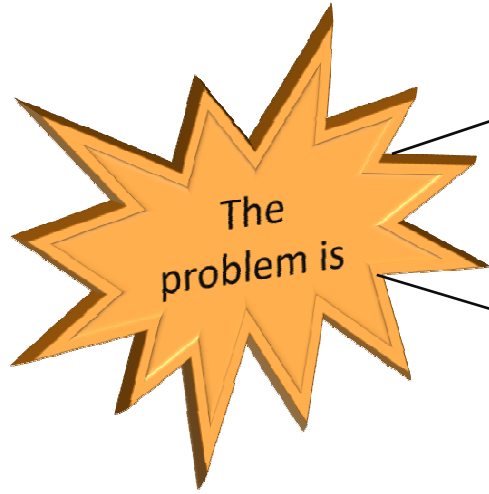
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CONTEXT:

The project of participative and adaptative experimentation of management's models of forest resources in the mountainous chaine of the Atlas (Algeria, Marocoo, tunisia)

- This project received financial support from the canadian centre, The International development research centre (IDRC).
- It aims for the development and the valorisation of forest resources in three countries namely Algeria, Marocoo, and Tunisia.



Pressure from local communities doesn't stop increasing

The current management's models practised don't answer the concern of the sustainable development of this communities and forest resources



To identify viable models of management

To improve management's forest resources

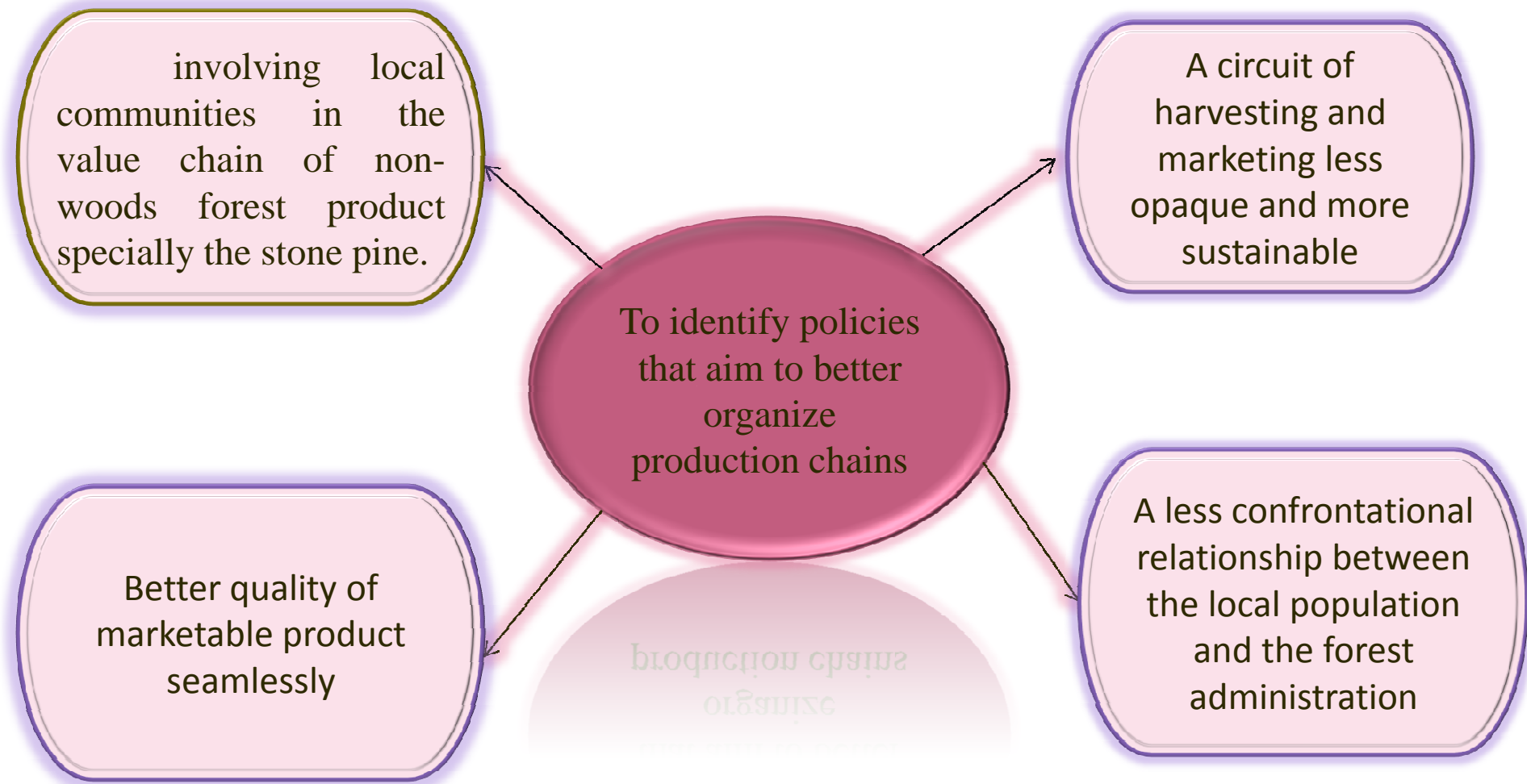
To strengthen the capacities of research teams in the three countries by a new approaches of management (social analysis, adaptative management)

To reduce the poverty of the communities which depend on forest resources

Zone of study

- The zone of study corresponds to the delegation of Nefza with its four aimed localities El Marja, Ouled Salem, Dmaien and Khorgalia. In spite of the juxtaposition of these localities, they present variations in their context.
- The region is mainly covered by forest plantations based on cork oak (*quercus suber*) and stone pine (*pinus pinea*). This potential doesn't release enough income for local communities.
- The forest plantations and the rangelands represent 73% of the total surface of the region.
- The agricultural activity is concentrated in the valleys and forest clearings.
- It's a region that is highly populated with a density of 40 inhabitants/km².
- The number of households in four localities is 690 for a population of 3069.
- The households income come primarily from farming, forestry resources and work sites managed by the forest service.

The General Aims



The specific aims:

- ✓ To appreciate the importance of the income of non-timber forest products in households's incomes for different localities and more specially assess the contribution of the value chain of stone pine in these incomes.
- ✓ To identify for each node of value chain, the actors involved and their incomes.
- ✓ To check in the aspects relating to the allocation of resources and access to forest, if they have an impact in the exploitation of non-wood forest products.
- ✓ To assess the impact of existence or absence of group for agricultural development on communities's incomes and resource development.
- ✓ To make recommendations in order to improve the conditions of production and marketing the non-wood forest product and to ensure the integration of local communities in the value chain of products.

Methodology

- ❑ We elaborate an investigation system which allow us:
 - To encircle the various sources of households incomes and the nature of the expenses in order to generate the next income based on an agro-forest system accounting.
 - To assest better the consumption of the non-wood forest product,their marketing and trading, then the activities of the various agents in the value chain.
 - To evoke some issues relating to proprety rights,righs of use and resource conservation.

- ❑ Our system of investigation was based on two methods:
 1. Questionnaire with a sample :from Khorgalia 45 households, from Dmaien 5, from Ouled Salem 5,from El Marja 5.
 2. The focus group : with this method we collect both quantative and qualitative information that allow us to enrich the gathered informations through intrviews with key people.

- The approach of chain value it's used:
 - To identify the nodes of this chain value and we focus in the collectors, producers and sellers.
 - To analyse supply and demand of pine and their evolution during 2009.
 - To know if other non-wood forest product contribute in the incomes like myrtle, the same for the aromatic and medical plants.

Thank you