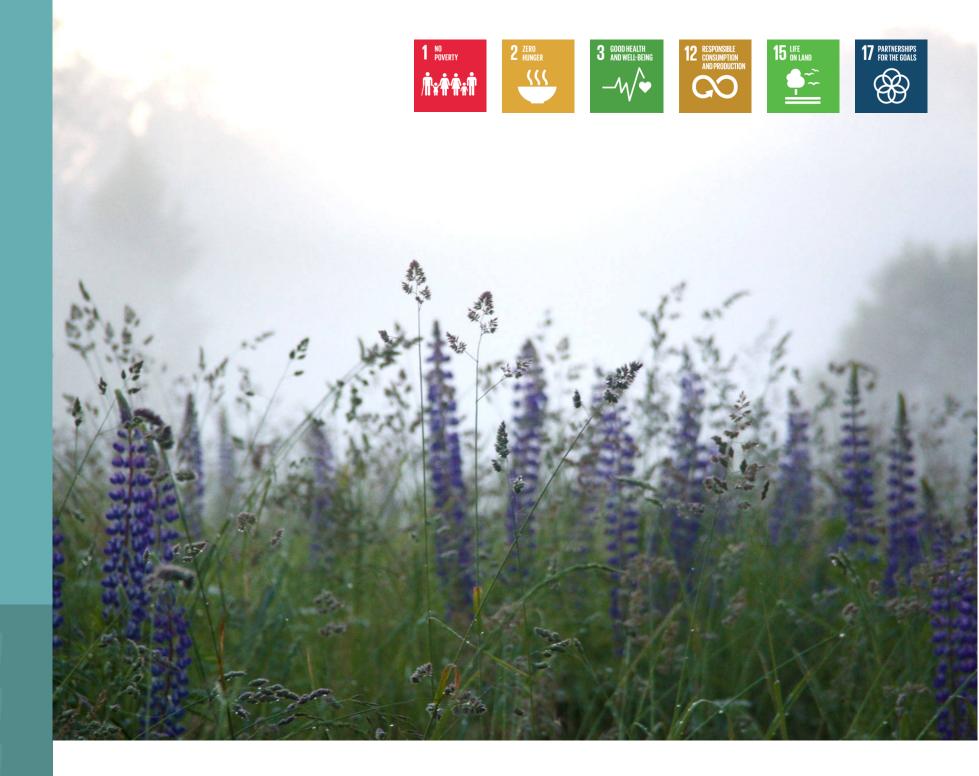
Lupine: rediscovering its origins, trajectory and future potential

Lupine, an ancient crop of the high Andes, has important advantages as quality proteins and soil improvement capacity. It has had little development outside its production niches, however, this will change -without a doubt- in the very short term.





Lupine: a revolution in the food industry? The implemented initiative

The Technology Transfer Mechanisms and Climate Networks in Latin America and the Caribbean program, co-financed by FONTAGRO and the Global Environment Facility (GEF), promotes environmentally appropriate technologies that contribute to reducing greenhouse gases and vulnerability to climate change in the context of family agriculture. A project that has aroused interest is the revaluation of lupine – a "forgotten" crop- which

Goal: lupines of higher quality and productivity The technological solution

The objective is to propose a roadmap for the escalation of production and processing of lupine species in Bolivia, Chile and Ecuador. The initiative was designed

has been conducted by the PROINPA Foundation in Bolivia, the Institute of Agricultural Research (INIA) of Chile, and the National Autonomous Institute of Agricultural Research (INIAP) of Ecuador. This Lupine Roadmap discusses the current crop context, points out limitations and proposes specific actions to resolve them.

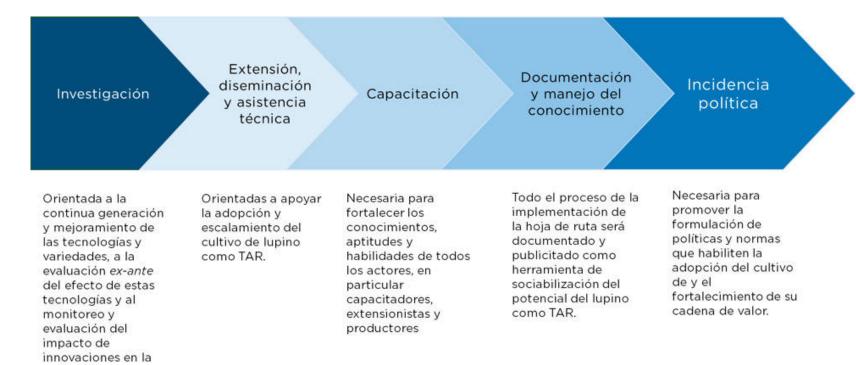
FONTAGRO.

The proposed roadmap has three components: diagnosis of the limitations in each country, description

United States / Argentina / Costa Rica / Mexico / Bolivia / Chile / Colombia / Dominican Republic / Honduras / Nicaragua / Panama / Paraguay / Peru / Spain / Uruguay / Venezuela / Ecuador on a participatory fashion by specialists from INIAF and PROINPA in Bolivia, INIA-Chile and INIAP-Ecuador, it is based on the results of a GEF-funded project through

of the goals, description of the proposed actions and enabling conditions to achieve them.





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groups of limitations defined, one for each country (Bolivia, Ecuador and Chile)

group of goals defined, one for each country (Bolivia, Ecuador and Chile)

actions defined to meet the goals established in the road map: research; extension; training; knowledge management and policy incidence.

Results

población y agroecosistemas objetivo.

This roadmap opens a window of opportunity for a historically relegated crop that has great potential to contribute to the economic, nutritional and environmental improvement of the region's production systems, for the following reasons:

• The growing interest of the countries involved, to which Peru and Mexico could join.

• The accumulation of scientific information and

technological advances achieved, among others, by the participants in the FONTAGRO project.

• The need to strengthen the use of Environmentally Sound Technologies (TAR) in family farming. • The need to improve the nutrition of vulnerable populations.

• The market potential of lupine as food for people and animals.

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Participating Organizations









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