

ARGENTINA, COLOMBIA



Webstory



In addition, in a framework of technological innovation, formulations and commercial prototypes of agro-inputs and cosmetic products based on essential oils will be developed, as an opportunity for the sustainable intensification of agriculture, incorporation into value chains and development of competitive territories in a equity and sustainability

From a modular execution, with multiple concurrent lines of action, we have achieved the proposed results in all the objectives. Thus, we identified more than 1,000 mining sites as potential aromatic production sites, which will eventually feed the market niches for essential oils and natural cosmetics identified in our market study carried out at the local, regional and international levels. This production of aromatics is part of a process of phytoremediation of mining soils, based on the synergistic use of plants and microorganisms. In this sense, we achieved quantitative improvements in the efficiency of the phytoremediation process and the appropriation of the necessary knowledge for the collection of native aromatic plant material for the production of essential oils and the nursery of at least 4 aromatic species, 2 of which were reported as new plant species tolerant to metals. Of these species, 3 were successfully implanted in dump or lead-contaminated soils.

