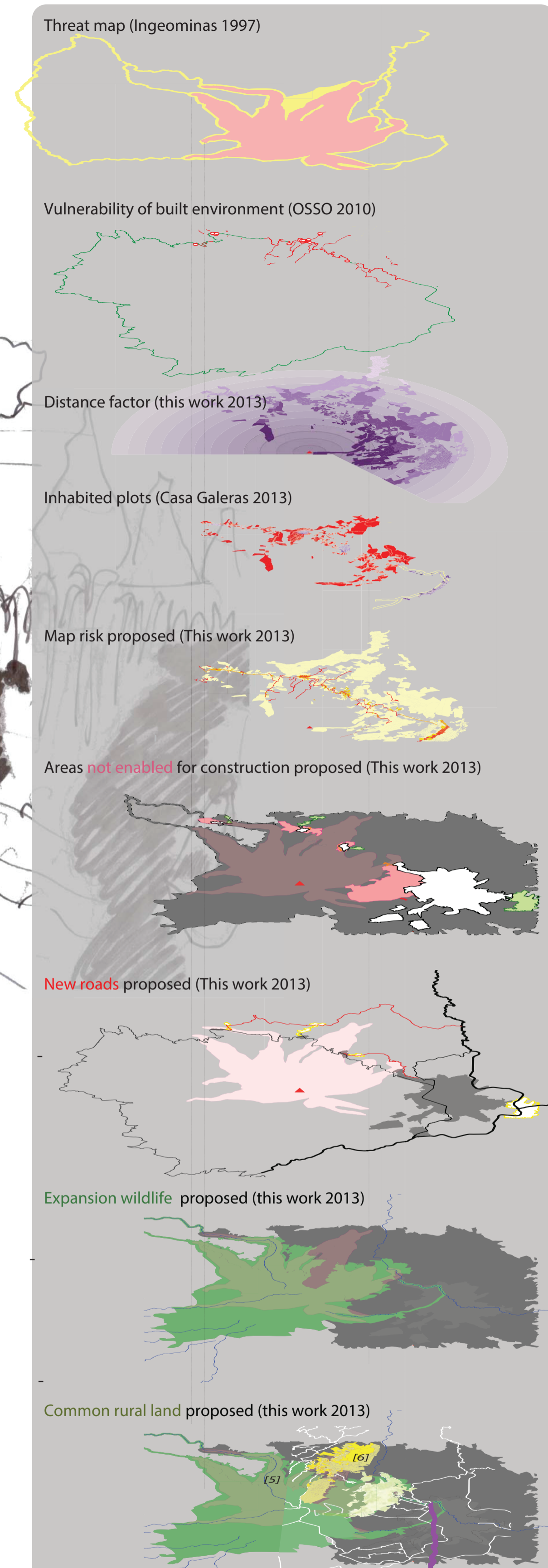
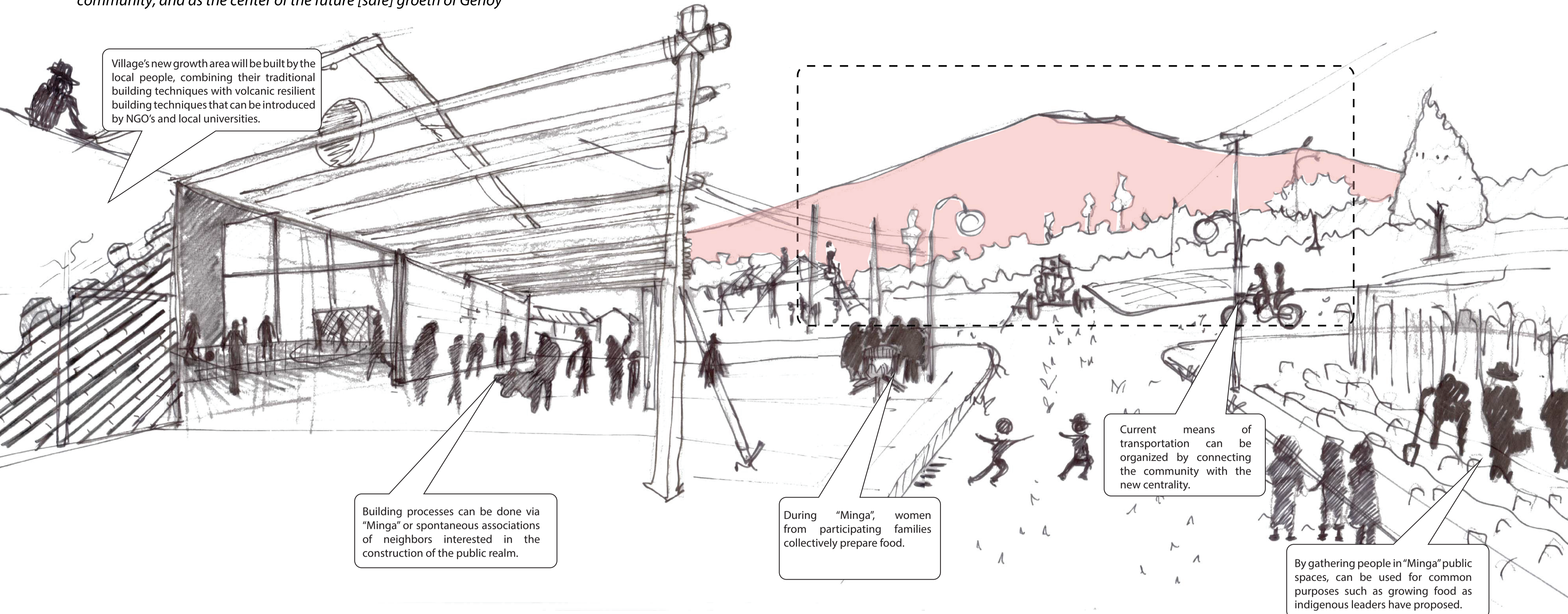


1 The shelter area is proposed as a new core with functions for the community, and as the center of the future [safe] growth of Genoy



FROM THREAT TO GROWTH

A REGIONAL DEVELOPMENT STRATEGY FOR VOLCANIC RISK MANAGEMENT AT THE GALERAS REGION, COLOMBIA

The proposed approach to growth provides an alternative to the current trend of growth towards the volcano that can be seen in the urban evolution of San Juan de Pasto. New growth areas were defined for the city of Pasto, and the villages of Genoy, Florida and Nariño. These growth areas will have characteristics of expansion zones rather than resettlements or new towns and will continue the spatial qualities of the original village. Furthermore, new growth areas are proposed for the Wildlife sanctuary, including the area between itself and Pasto's western border. This area constitutes a buffer zone that prevents urban expansion towards the volcano. The need for expansion areas is resolved towards the eastern border, making use of Pan-American Highway's new path. Productive lands not to be occupied will be created at the high threat zone. New human settlements will implement clear building regulations to make them resilient to volcanic risk.

This project analyses the situation of three rural communities settled over 300 years ago on the fertile slopes of Galeras volcano in the south-western region of Colombia, whose reactivation process has been under studies by scientists since 1997. The objective of this project therefore, is to develop a regional development strategy that collects the lessons learned from previous local risk strategies, municipality master plans and initiatives from the local communities, using these inputs as the basis for a number of urban and local scale proposals that bring a positive impact in the community at the same time reducing the risks associated to volcanic eruptions.

By this analysis it can be concluded that in order to address the issue of risk reduction in rural and semi-urban communities, innovative alternatives need to be considered, such as:

- Integrating the shelters areas as part of the solution;
- Creating large areas for food production instead of micro parcels;
- Working together with ancestral communities in understanding risk;
- Letting the community decide their own growth:

