The research project is dedicated to studying different variants of the Nahuatl language in a specific region called Sierra Norte de Puebla. Previous studies in this area have not covered all the internal diversity of Nahuatl spoken there. This project aims to fill that gap by documenting and analyzing the language in various Nahuatl-speaking communities.

The researchers plan to:

- 1. Identify how sounds, grammar, and words vary in different variants of Nahuatl from the Western Sierra Norte.
- 2. Find where the borders between Western Sierra Norte Nahuatl and neighboring versions of Nahuatl lie.
- 3. See if Western Sierra Norte Nahuatl might actually include two or more unique varieties of the language.

The project will not only map out the language in detail and add to our understanding of this specific dialect, but it will also help advance the study of Nahuatl dialects overall. Most dialect studies have focused on European languages, so conducting a dialectological study of Nahuatl provides a new perspective.

The researchers will also create digital tools to help people learn and use Nahuatl more easily. In this way, the research project transcends traditional linguistic studies by integrating cutting-edge digital technologies to bridge the gap between academic research and community engagement. Through the creation of user-friendly digital tools, the project strives to empower individuals within Nahuatl-speaking communities to actively participate in language learning and preservation, thereby enriching the vitality and functionality of Nahuatl in a digital age.

The project will last three years and involves a team of researchers from different countries. They will use various scientific methods and computer technology to analyze the language.