

Manage risk points to prevent road accidents in the Ban Thanon Nai community, Sao Phao Subdistrict, Sichon District, Nakhon Si Thammarat Province.

Ban Thanon Nai, is located in Moo 10 Sao Phao Sub-district, Sichon District, Nakhon Si Thammarat Province. The village has a population of 637 people. There are two main road connections to Wat Chedi, It is a renowned tourist attraction in Nakhon Si Thammarat. These road are frequently used by both Thai and foreign tourists particularly during festival seasons. They provide an alternative to avoid traffic on other main roads. Additionally, migrant workers commute in the area around Wat Chedi and nearby communities.

According to accident data for the years 2022-2023, there were 9 accidents in the community with a total of 12 injuries. In light of these accidents, the village leader and community members recognized the growing road safety concerns. Consequently, they collaborated to establish a project to address high-risk road areas within the community. The aim is to ensure road safety, prevent accidents that could lead to disabilities among tourists, local residents , and all groups living in the community, including the underprivileged, refugees, and migrant workers residing and working in the area.

The project's activities focused on responding to the health service and well-being needs of the community to improve health and overall living conditions for everyone (SDGs: Sustainable Development Goals 3.3.2). The initiative also sought to strengthen effective collaboration and global partnerships for sustainable development (SDGs 17).

The project was a collaborative effort involving multiple stakeholders, including community leaders, the village chief, local representatives, the Sao Phao Sub-district Administrative Organization, professors from the School of Nursing at Walailak University, and the head of the Disaster Prevention and Mitigation Office of Nakhon Si Thammarat Province. Seventeen individuals participated in the survey to identify high-risk areas within the community. The analysis revealed two main risk points, both of which were intersections. Contributing factors included excessive speed, lack of warning signals, road conditions such as curves, poor lighting, and reckless driving behaviors. To mitigate these risks, the community worked together to clear roadside grass to widen the road. The Disaster Prevention and Mitigation Office and the Sao Phao Sub-district Administrative Organization provided personnel and equipment to install speed bumps, paint reflective lines before intersections, and set up

warning signs. Additionally, they installed flashing lights and street lamps at intersections to improve visibility.

As a result of the project, there was increased awareness among community members about road safety. A community member expressed their satisfaction, saying, "It's good; we've needed this for a long time." The project successfully reduced the number of accidents. In 2024, only two accidents occurred, resulting in minor injuries to two individuals.