



Development of virgin coconut oil PROCESS at the community enterprise to enhance quality



Technology transfer project about virgin coconut oil production to local coconut farmers **without any charge or cost.**



This technique produces virgin coconut oil steadily in large amounts. The manufacturing lead time is reduced from **48 hours** to **36 hours** without process complexity.

The coconut oil extraction time is shortened from **12 hours to 2 hours** per production cycle, increasing production yield by **40-50%.**



The virgin coconut oil products are more fragrant and consist of **peroxide and iodine values meeting the standards** of the Announcement of the Ministry of Public Health No. 57 (1981).



The project focused on developing the virgin coconut oil fermentation process by utilizing technologies and **research results**, and also covered several subactivities, including mentorship programs, workshops, and university study visit programs.



Developing stakeholder's cooperation

- Ministry of Higher Education, Science, Research, and Innovation.
- Walailak University
- Nakhon Si Thammarat Rajabhat University
- Local enterprise
- community agencies