BATSTATEU empowers farmers with technology and renewable energy

In a dynamic initiative aimed at enhancing the sustainable farming practices of the Lobo Irrigators Service Association in Batangas, Batangas State University (BatStateU) introduced collapsible and solar-powered irrigators on March 22, 2022. This technology transfer project not only equips farmer-members with innovative tools but also imparts the crucial importance of renewable energy in agriculture.

The cornerstone of this technology transfer effort lies in the significance of adopting renewable energy sources, particularly solar-powered irrigation systems, to bolster sustainable farming practices. By integrating solar technology into their farming operations, these farmers are aligning themselves with global efforts to achieve the United Nations Sustainable Development Goals.

The solar-powered irrigator technology, implemented through this project, will have a profound impact on the lives of 215 farmers engaged in rice and vegetable production. These innovative systems ensure a consistent water supply, addressing one of the critical challenges faced by farmers. With reliable irrigation, farmers can significantly boost their crop yields and productivity.

Moreover, this project addresses the issue of declining agricultural productivity, often caused by shifting activities outside the farmland. By promoting sustainable and efficient farming practices, it encourages farmers to remain engaged in agriculture, ultimately contributing to the vitality of the farming community. The project goes beyond technology transfer. It offers comprehensive support, including practical demonstration sessions, lectures, and vital consultations, to ensure that farmer-irrigators are well-equipped to harness the benefits of renewable energy in agriculture.
The Electronic Systems Research Center of BatStateU spearheaded the implementation of this project, underscoring the institution's commitment to empowering local communities and advancing sustainable farming practices.

In a world where sustainable agriculture is of paramount importance, this initiative by BatStateU not only bridges the technological gap but also fuels a brighter and more sustainable future for farmer-irrigators in Lobo, Batangas.