

4. “Development of Gender Friendly Refrigerated Fish Vending and Display Unit using Solar Energy”

Duration: April 2014 – March 2016

Gender friendly refrigerated fish vending and display unit using solar energy is a novel technology to efficient utilization of solar energy and help the fisher folks to market the fish in fresh condition and thus preventing them to overcome from the loss occurring due to spoilage at ambient temperature.

- The quality of fish can better be controlled and the shelf-life can be substantially increased through the introduction of a uniform cold-chain system from harvesting to marketing. The shelf life of mackerel and pink perch in the unit was achieved upto 8 and 10 days respectively. Being operated by solar energy this unit can be used efficiently in both urban and rural areas and will help the fisher folks to market the fish in fresh condition and thus preventing them to overcome from the loss occurring due to spoilage at ambient temperature.

Unit Cost: 35000/-

