

ABSTRACT

Hasan, M. Nur. 2014. **Designing of Cow's Milk Processing Center at Pujon, Kabupaten Malang**. Final Project. Department of Architecture Faculty of Science and Technology of the State Islamic University of Maulana Malik Ibrahim Malang. Supervisors are (I) Andi Baso Mappaturi, M.T, (II) Luluk Maslucha, S.T., M.Sc. (III) Dr. Munirul Abidin, M. Ag.

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Milk consumers in Indonesia is the lowest compared to other Asian countries. Indonesia's milk consumption is only 11.9 liters per capita per year, by far when it compared with India at 42.8 liters per capita per year. The situation is worsened by the fact that 70% of Indonesia's milk consumption is imported because of the milk producers have not been able to meet national needs, as well as the proliferation of natural disasters caused by imbalance of nature and the impact on the survival of the earth, became one of the top causes of these problems. Therefore, the existence of this cow's milk processing center in which embodies many aspects of the production, promotion, and education is expected to increase the value of consumption and also depress the value of milk's import.

Kabupaten Malang as the selection of the site's designing is one of the largest cow's milk producer at the region of East Java. Pujon itself is the first largest cow's milk-producing region in Malang, which nowadays for three years in Pujon cow's milk product has been producing 100 tons per day. But all of those cow's milk is not all processed by the dairy cooperative SAE in Pujon, just only 2% is processed into fresh cow's milk and yogurt that rest of 98% is sent to a foreign dairy company. Therefore, the presence of cow's milk processing center is expected to reduce the value of milk's import.

Cow's milk processing center on the theme of Eco-Tourism and Industrial has some refined products, including pasteurized milk, yogurt, kefir, ice cream and milk lunkhead which then sold to the public. The activities that will be done in the region of their cow's milk processing are namely education, tourism, and industrial activities, which expected of indifference to minimize the value of this nutritious drink.

The emphasis of Eco-Tourism and Industrial's design itself constituted by the proliferation of natural disasters caused by imbalance of nature. By expected with the design's concept based on the balance of nature-based tourism and the industry namely Eco-Tourism and Industrial, can reduces the rate of destruction of nature so that the temperature of the earth is maintained well.