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CASE STUDY 1

TITLE: Eco house; A residential low energy house model

*OBJECT: * Improve the efficiency of the used energy, * Reduce the energy bill at the Residential and national level, * Improve the living Environmental, * Rain water harvesting tank, * Improve daylight quality and quantity, * Improve natural ventilation, * Use PV panels to show an example of zero energy Residential building*

RELEVANT FOR THE PURPOSE OF ENEPLAN: The case study provides a real model for researchers to study low energy architecture. In addition, it helps industrial sector to develop industries related to building sectors like shading devices and daylight devices

Related issues(Energy Efficiency, PV, shading devices, daylight, cross ventilation, rain water harvesting , energy efficiency and water efficiency)

CASE STUDY 2

TITLE: The Mobile Energy and Environment Clinic (MEEC)

OBJECT: The project main objective is the development of manufacturing systems into sustainable manner. it helps local industry to enhance their efficiency, to understand the advantages and limitations and how it relate to the lot size of their manufacturing process.

RELEVANCE FOR THE PURPOSE OF ENEPLAN:

The project is good example of how the industrial representors can provide tools and experts who can help to adopt sustainability as part of the corporate culture and make their products environmental friendly without comprising quality.

The program enhances the ability of the local manufacturers to integrate energy and environmental related issue in their production plan by promoting both the financial and environmental benefits of the retinal use of energy and water. Related issues (Lot size, energy and water efficient technologies, Improve Environmental Protection methods)