



Smart JAMP(2021) Pre-feasibility Study on the Dissemination of Advanced Energy-saving Housing / Buildings in ASEAN

Category of Issues
in the Area



Target Area

- Phnom Penh and Siem Reap, Cambodia

Background and Purpose of the project

- The challenge is to meet the rapidly increasing demand for electricity according with population growth. Energy conservation in the residential and commercial sectors, which account for more than half of electricity consumption, is an urgent issue.
- This project aims to investigate prospects on spread of housing/buildings using advanced energy-saving technology.

Related Organization

- MLMUPC (Ministry of Land Management, Urban Planning and Construction, Cambodia), Local Companies, etc.

Project Stage

- Pre-feasibility Study

Contents and Results

1. Investigated the energy situation in Cambodia and understood the needs and related projects on energy conserving technology in the housing field.
2. Considered the "packaging" of Japanese companies' technologies and solutions, and made a "concept note" to clearly explain the idea of "packaging". Made proposals to local companies using the "Concept Note".
3. Conducted feasibility studies on introducing Japanese technologies and solutions on several urban development projects. A local company and Japanese corporate team signed an MOU on one of urban development projects.
4. Conducted a briefing session on the "Concept Note" in Thailand to see the possibility on spreading the concept, and also conducted a questionnaire to understand the interest of business operators.

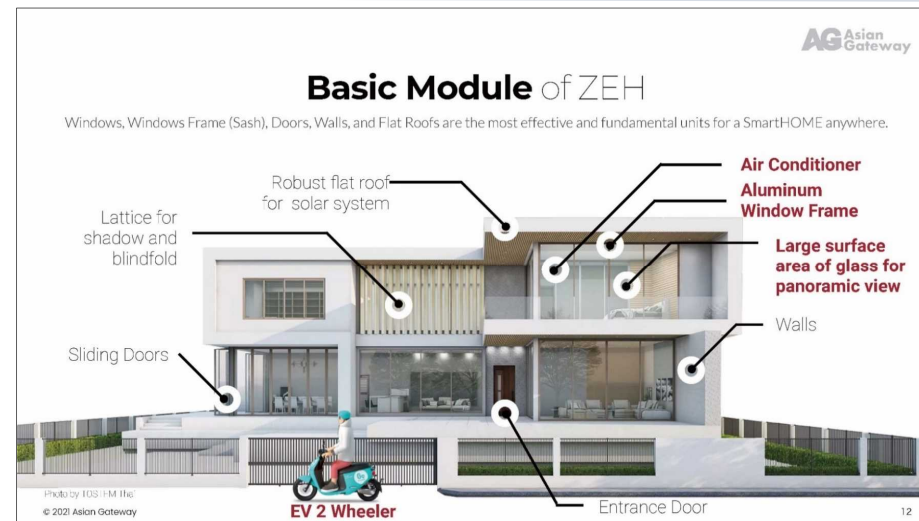


Figure 1 : Advanced technology / solution introduction image

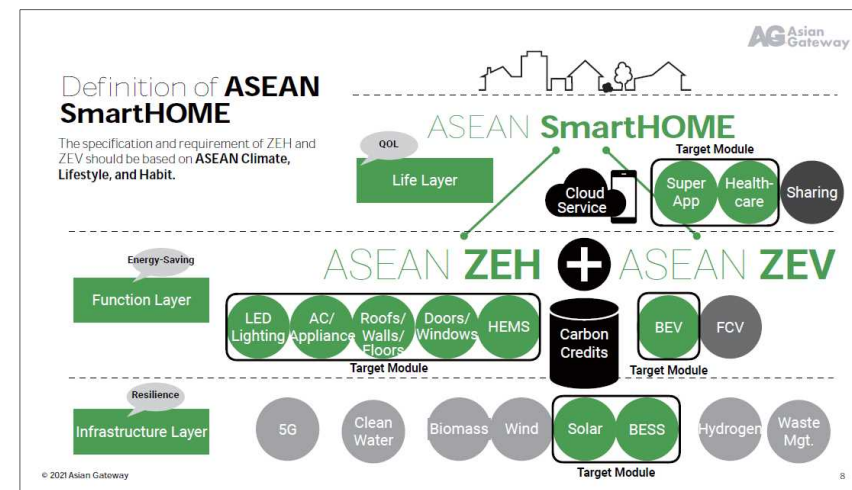


Figure 2 : Definition of ASEAN Smart Home image

As of March 2022
Source : Created "Concept Note"