

Ongoing Study on EE Opportunities: Pack-houses in India

International Workshop on Energy Efficient Cooling

Date : 12th December, 2019
Time : 02:00 pm

Project objective and tasks

Objective



To develop options for enhancing the energy efficiency of pack-houses in India

Task 1 Stocktaking and Initial Assessment

- Overview of policy, regulatory and institutional framework
- Initial review of status of pack houses in India
- Review of relevant international good practice with EE

Task 2 In-depth data collection and assessment of energy saving potentials

- Site visits to representative sample (around 20 numbers) of pack- houses
- Overview of EE improvement options

Task 3 Recommendations

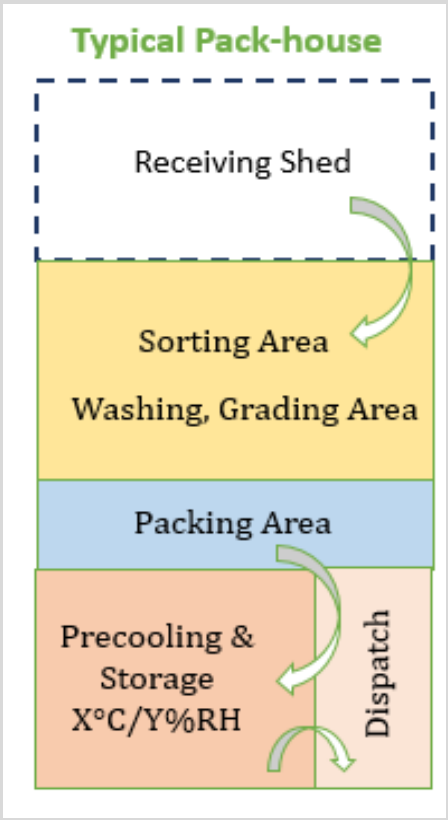
- Recommendations on Policy and Regulatory Options to BEE

The project has been supported by the World Bank group with funding from ESMAP

About Pack-house

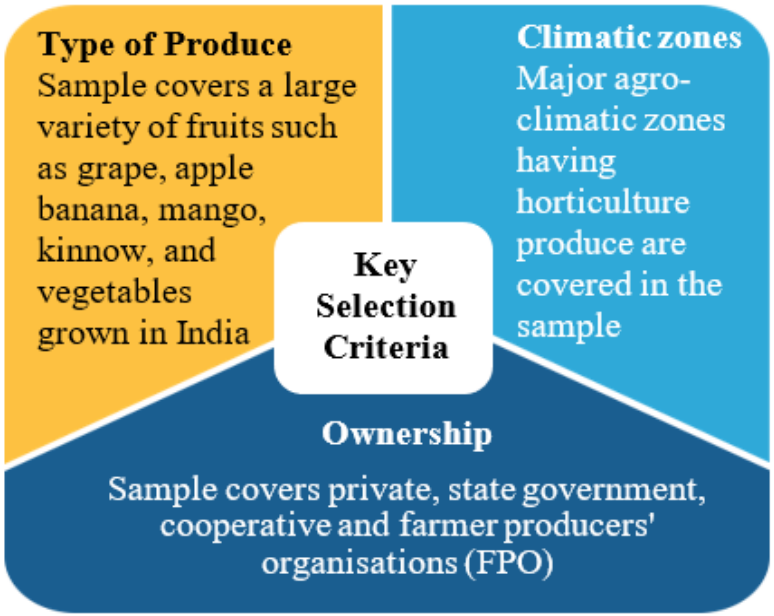
Pack-house is a modern infrastructure with facilities for conveyer belt system for **sorting, grading, washing, drying, weighing, packaging, pre-cooling and staging** depending upon the produce requirements.

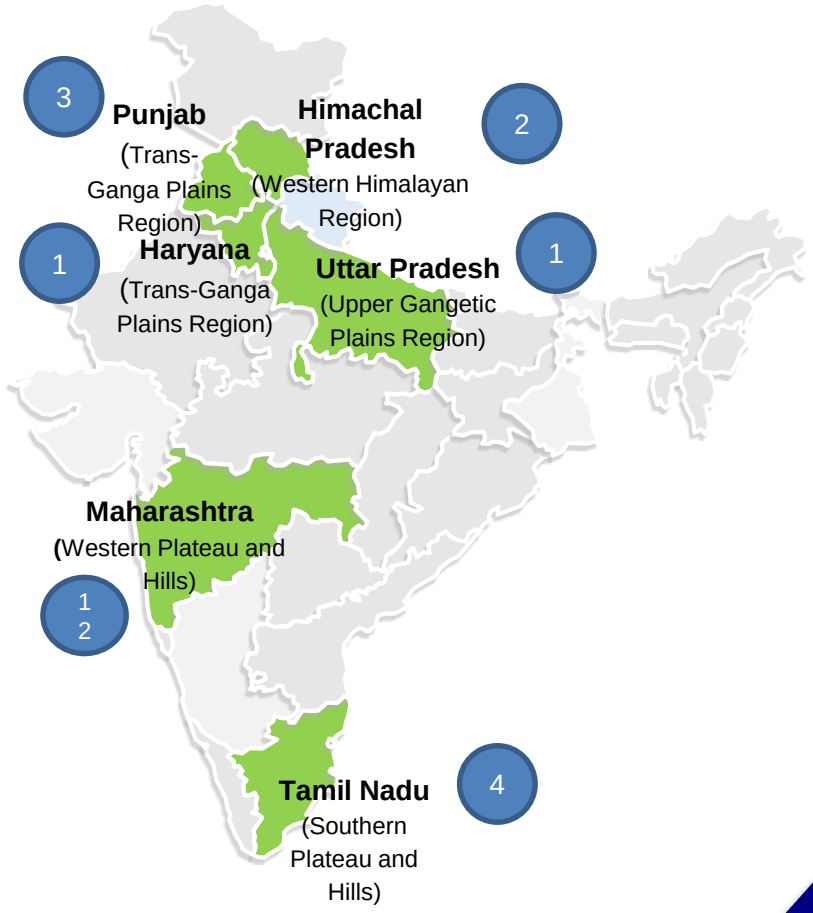
Modern pack-houses are the first step in organized post-harvest management for horticulture and are in effect the first-mile sourcing points for this sector.



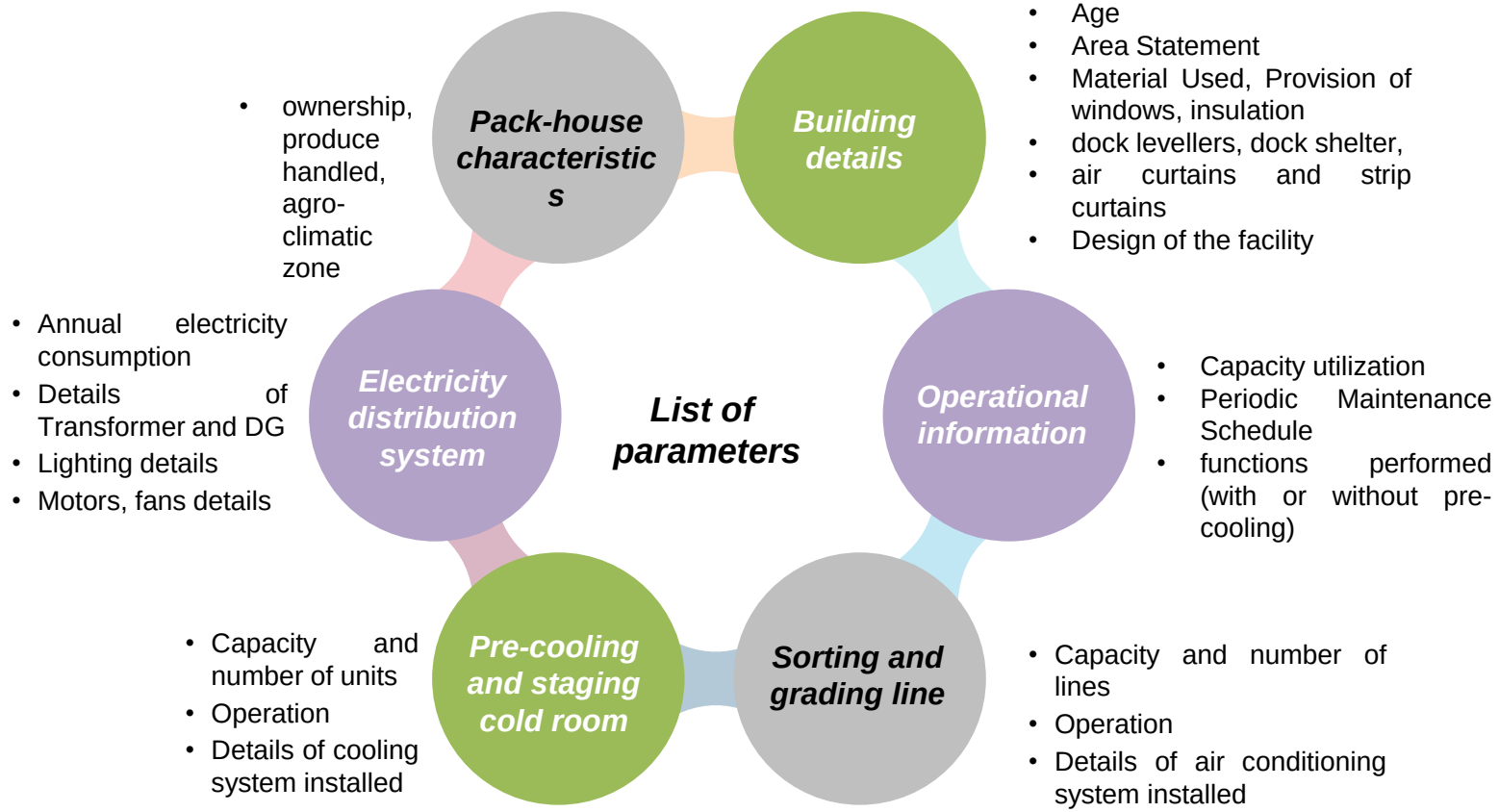
Pack-house Surveyed

Site visits to around 23 pack-houses across six states in India covering the major agro-climatic zones.





Parameters observed



Stakeholder consultations

- Improving EE in pack-houses is a multisector initiative that will require coordination and collaboration among multiple actors

- Stakeholder consultations have been organized to discuss the site visit observations, energy efficiency measures and various policy instruments to improve EE in pack-houses
  - Government (MoAF&W, MoFPI, MoEF&CC, MIDH, NHB, SHM)
  - Domain expert body (NCCD)
  - Technology providers
  - Pack-house owners and operators

Way forward

- ***Development of policy and regulatory recommendations for EE in pack-houses***
- ***Development of energy performance indicators***
- ***Identification of energy efficiency measures***


Thank
you