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# **Key considerations for JCM methodologies and PDD development**

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# Approved JCM Methodologies

VN\_AM001

Transportation energy efficiency activities by installing digital tachograph systems

VN001 - registered

VN\_AM002

Introduction of Room Air Conditioners Equipped with Inverters

VN002 - reviewed

VN\_AM003

Improving the energy efficiency of commercial buildings by utilization of high efficiency equipment

VN003 - submitted

VN\_AM004

Anaerobic digestion of organic waste for biogas utilization within wholesale markets

VN\_AM005

Installation of energy efficient transformers in a power distribution grid

# Precursor for a project

- Demonstrates that the technology:
  - Advanced
  - Environmentally and climate friendly
  - Reducing GHG emissions
- Preferable technologies:
  - Energy efficiency
  - Waste recovery or treatment

# JCM Methodologies

## *What we look for in a methodology?*

- Clear, unambiguous eligibility criteria (in such a way project participants can use them easily and verifiers can verify the data easily);
- Practical, scientifically and evident-supported establishment and calculation of reference and project emissions
  - CDM or other established methodologies are welcome
  - Practical and feasible for Vietnam
- Data and parameters
  - Accepting conservative parameters from IPCC guidelines
  - Must use up-to-date country-specific data if available
- Feasible, detailed monitoring plan

# Eligibility criteria

- **Eligibility criteria:**
  - requirements for the project to be registered as a JCM project:
    - Benchmark approach
    - Positive list approach (TNA, national strategies...)
  - requirements for the project to be able to apply the JCM methodology

# Eligibility criteria

- Benchmark approach
  - ✓ Introduction of xx (products/technologies) whose design efficiency is above xx (e.g. output/kWh)
- Positive list approach
  - ✓ Introduction of xx (specific high efficient products/technologies, such as air conditioner with inverter, electric vehicles...)

# Success story

VN\_AM001: Transportation energy efficiency activities by installing digital tachograph systems

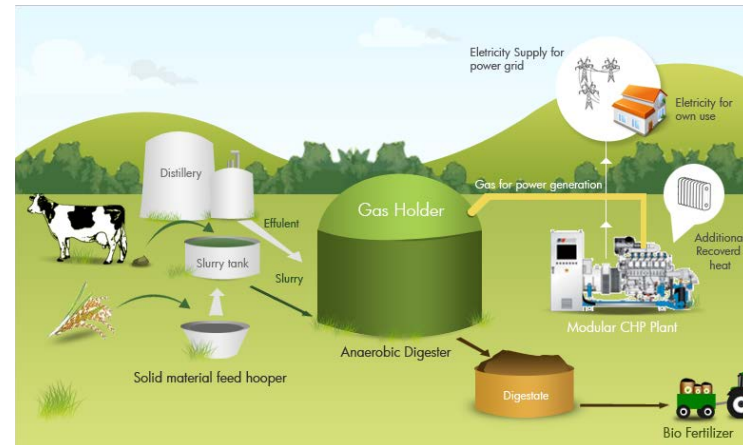


- Clear eligibility
- Well-established calculation method (approved CDM methodology)
- Using conservative and locally measured data and parameter for monitoring (Data of fuel consumption and distance travelled before activation of digital tachograph system is available for each freight vehicle. The data is to be collected for at least 60 days within 4 months of lower monthly mean temperature of the year)
- Has carried out feasibility study in Vietnam with practical evidence
- Well-documented, with additional support document



# Almost not success story

VN\_AM004: Anaerobic digestion of organic waste for biogas utilization within wholesale markets



- Based on a CDM approved methodology but too complicated for Vietnam
- Not evidently modified for local project

# Thank you!

*JCM Secretariat*

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