



JCM Project Development Points for the Local Partners

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Seminar on Exploring Collaboration Opportunities toward
Decarbonized and Sustainable Society in India

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Project Participant

JCM Project Development



Can be conducted by the same TPE
 Can be conducted simultaneously

Project Participant

Joint Committee

**Project Participant /
Each Government
Joint Committee**

Joint Committee

Project Participant

Third Party Entities

Joint Committee

Project Participant

Third Party Entities

**Joint Committee decides the amount
Each Government issues the credit**

Submission of PIN*

Confirmation of no objection

**Submission of Proposed
Methodology**

**Approval of Proposed
Methodology**

Development of PDD*

Validation

Registration

Monitoring

Verification

Issuance of credits

<Terminology>

- **PIN (Project Idea Note):** A document used to explain the outline of the project to the partner country and confirm whether there is an objection.
- **PDD (Project Design Document):** A document that includes monitoring methods and estimated emission reductions. Required for project registration.

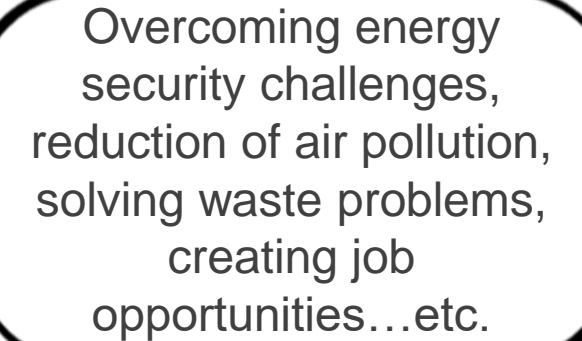
<Note>

For the latest information on JCM rules and guidelines, including the PIN procedures adopted with each Partner Country, please refer to each partner country page on the JCM website.

Benefits of the JCM and Project Development Points

Examples of the benefits of the JCM projects:

- Help reduce the partner country's GHG emissions.
- Contribute to the partner country's achievement of its environmental & development goals based on its needs.
- Support the partner country in developing a sustainable society.
- Produce high-quality carbon credits.



Overcoming energy security challenges, reduction of air pollution, solving waste problems, creating job opportunities...etc.

JCM Project Development Points

Keeping in mind the benefits...

- Investigate and avoid possible trade-offs from the JCM Project.
- Always follow the latest information of the Partner Country's environmental & development policies/ goals so that the JCM project contributes to the Partner Country's needs.
- Understand the project implementation partner's needs through consultations.
- Make sure that the GHG emissions reduction can be quantitatively calculated and verified.

... and more.

India's "List of activities to be considered under bilateral/cooperative approaches in India under Article 6.2 Mechanism"

GHG Mitigation Activities:

Source: [revised_list_article_6.2.pdf](#)
(uploaded in July 2024)

1. Renewable energy with storage (only stored component)
2. Solar thermal power plant
3. Off-shore wind
4. Green hydrogen
5. Compressed bio-gas
6. Emerging mobility solutions like fuel cells
7. High end technology for energy efficiency
8. Sustainable Aviation Fuel
9. Best available technologies for process improvement in hard to abate sectors
10. Tidal energy, Ocean Thermal Energy, Ocean Salt Gradient Energy, Ocean Wave Energy and Ocean Current Energy
11. High Voltage Direct Current Transmission in conjunction with the renewal energy projects
12. Clean cooking using renewable energy at scale (Government or Public-Private Partnership project only)

Alternate Materials:

13. Green Ammonia

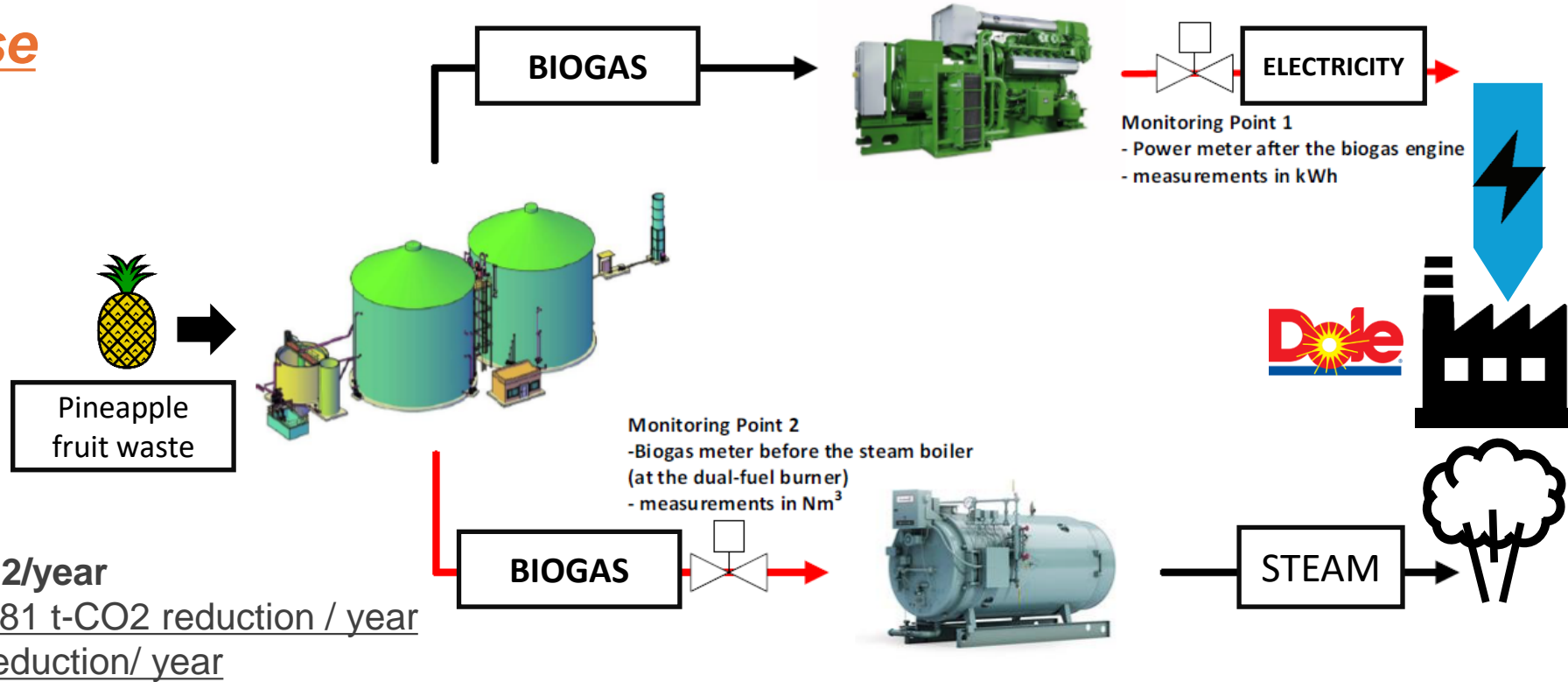
Removal Activities:

14. Carbon Capture, Utilization and Storage

Next slides:
Example of bio-gas project and energy efficiency
project using the JCM scheme

Case 1: Promoting Large-scale GHG Emissions Reduction by Biogas Generation

Renewable Energy Case

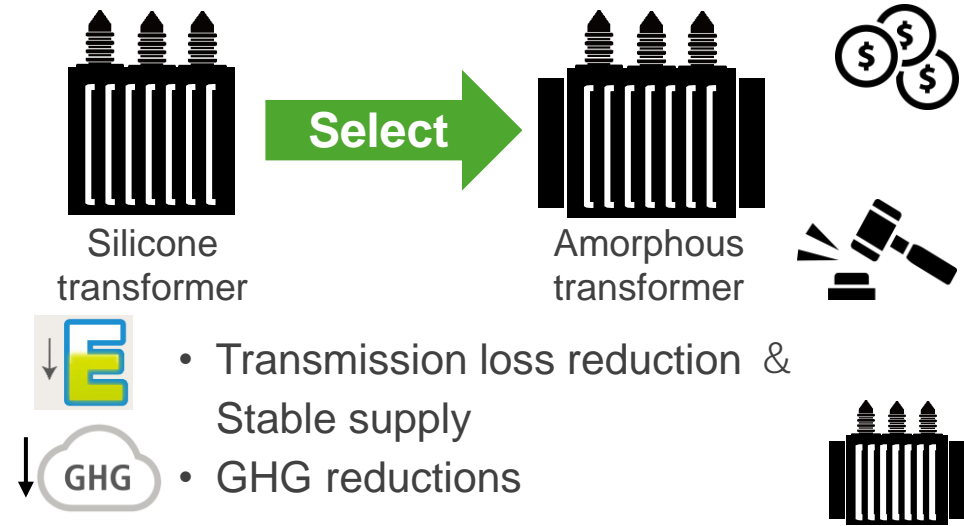


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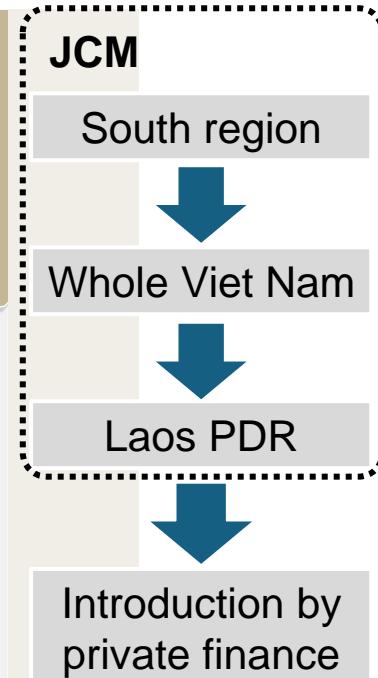
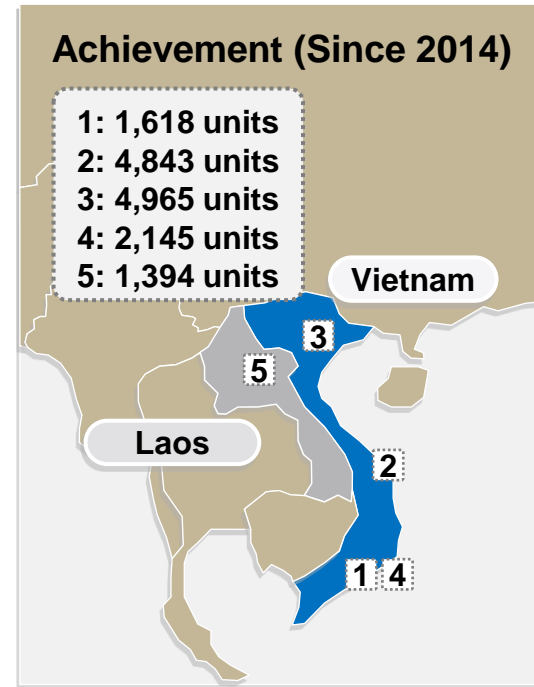
- A scheme to overcome the challenge of securing a stable supply of biomass is needed.
- A scheme to lower the electricity cost and the steam for the operation of Dole Philippines was developed. The cost of the electricity produced by the biogas is lower than using the grid electricity, and the cost of the steam produced by the biogas is lower than the steam produced by burning the heavy fuel oil. This scheme allows Dole Philippines to profit and reduce GHG emissions at the same time.

Case 2: Transferring & Replicating Low-Carbon Technologies

Energy Efficiency Case



Power loss in Viet Nam Electricity's systems has reduced from 7.24% in 2017 to **6.83% in 2018** and achieved the loss rate target of 7.2%. *EVN news



JCM Development Points for Local Partners

- OECC formed a scheme where only iron cores were exported from Japan and transformers were manufactured locally, which led to local competition and price reduction.
- As a top runner technology, Amorphous transformers became a procurement criterion for EVNs (VIETNAM ELECTRICITY).

Thank you for your attention!
Please feel free to contact us 😊



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