

Initiative for Climate Action Transparency

Final Project Report & Closing.

**Capacity Building to Enhance the National GHG Inventory Process and Track NDC
Progress in Vanuatu**

Project Duration:
November 2023 – March 31, 2025

Deliverable 4.B

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Introduction

This report presents the summary of activities, outputs, and lessons learned under the project *"Capacity Building to Enhance the National GHG Inventory Process and Track NDC Progress in Vanuatu."* The initiative was undertaken as part of the **Initiative for Climate Action Transparency (ICAT)**, with the objective of strengthening institutional capacity for greenhouse gas (GHG) data management, improving the quality of national GHG inventories, supporting Vanuatu in building national capacity for compiling GHG inventories and assess GHG impact of policies in the agriculture sector. Also, supporting the monitoring of progress towards Vanuatu's Nationally Determined Contributions (NDCs).

Project Objectives

- Build national technical capacity to compile and update the GHG inventory.
 - Develop methodologies and systems to track mitigation actions and SDG impacts.
 - Strengthen intersectoral coordination to support long-term climate reporting.
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Stakeholders Engaged

The project brought together a diverse group of stakeholders including:

- **Agriculture**
- **Livestock**
- **Forestry**
- **Energy**
- **Vanuatu Bureau of Statistics (VBoS)**
- **Environment Department**
- **National Advisory Board (NAB)**
- **Port Vila City Council**
- **Education Sector**
- **Civil Aviation Authority of Vanuatu (CAAV)**
- **Pacific Petroleum**

These stakeholders played a critical role in data provision, validation of results, participation in training workshops, and overall guidance of project activities.

Deliverables

The following key deliverables were achieved throughout the project period:

1. **Inception Workshop** – Introduced project goals, timeline, and stakeholder roles.
 2. **GHG Inventory Training** – Built technical capacity for data collection and GHG estimation.
 3. **GHG Inventory Calculations for Prioritized Categories** – Focused on Agriculture, Energy, IPPU and Waste sectors.
 4. **GHG Inventory Instruction Manuals** – Developed manuals to support consistency in future inventory cycles.
 5. **Report on Estimated GHG and SDG Impacts for Two Agricultural Policies** – Assessed climate and developmental benefits.
 6. **Training and Delivery Support** – Provided continuous technical support in policy assessment.
 7. **National Systems Guidelines** – Outlined institutional arrangements and workflows for sustained MRV systems.
 8. **National Systems Workshop** – Presented guidelines and gathered feedback from stakeholders.
 9. **Lessons Learnt Workshop** – Shared cross-sectoral learning and prioritized areas for future action.
 10. **Final Project Report** – Summarizes project activities, deliverables, and achievements.
 11. **Outreach Materials** – Disseminated through various platforms to build awareness and promote results.
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Lessons Learned

Insights gained through implementation and stakeholder engagement are summarized below:

Waste Sector

- Expand data collection to other islands with formal waste systems.
- Transition to digital systems for improved access and data sharing.
- Strengthen collaboration with sewage companies for wastewater data.
- Include sludge extraction data in future inventories.
- Update per capita municipal waste generation rates annually.

Industrial Processes and Product Use (IPPU) Sector

- Improve data coordination between customs and importers of refrigeration/AC appliances.
- Gather appliance stock data (quantity, age, operational status).
- Strengthen tracking of HFC imports by type and volume.

Energy Sector

- Update annual records on vehicle types and corresponding fuel usage.
- Review fuel consumption averages across vehicle categories.
- Enhance tracking of average distances traveled by vehicle type.

Agriculture Sector

- Regularly collect data from both commercial and subsistence livestock farmers.
 - Disaggregate livestock data by breed, weight, life span, and mass.
 - Improve data on manure management systems across livestock types.
 - Enhance dairy cattle data systems annually.
 - Begin collecting data on duck populations.
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Project Conclusion

All activities under the ICAT-supported initiative have been successfully implemented in alignment with the approved project plan. Deliverables were finalized and validated by the relevant stakeholders across sectors. The project has laid a strong foundation for sustained GHG inventory development and monitoring of NDC progress in Vanuatu.

This report signifies the **formal closure** of the project. The momentum gained should serve as a foundation for continued capacity development and institutionalization of climate transparency systems across the nation.

Acknowledgements

We would like to express our sincere gratitude to all those who contributed to the success of this project.

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Together, these institutions have played a vital role in making this project a success, and we are grateful for their collaboration and commitment.

Thank you all for your hard work and dedication.