



# Carbon Offset Symposium

Hawaii State Capitol Auditorium

April 10, 2019



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**9:00 Welcoming Remarks, Safety Moment, and Symposium Overview**  
Erin Dunable, AECOM

## **Greenhouse Gas Offsets, Offset Markets and Feasibility**

**9:25 Greenhouse Gases 101**  
Michael Conrardy, AECOM

Mr. Conrardy will provide a brief overview of climate change, the connection to greenhouse gas emissions, and the need for emissions reductions. Information will also be provided regarding global warming potential and greenhouse gas inventory basics.

**9:50 State of Hawaii Greenhouse Gas Policy and Inventory**  
Mike Madsen, PE, State of Hawaii, Department of Health

Mr. Madsen will provide a brief overview of the State of Hawaii's greenhouse gas policy, the results of recent greenhouse gas inventories, and anticipated future trends.

**10:00 Greenhouse Gas Offsets, Protocols, Standards, and Registries**  
Michael Conrardy, AECOM

Mr. Conrardy will introduce terms and definitions related to offsets for use during the remainder of the symposium. He will provide an overview of offsets including information on existing greenhouse gas offset registries, standards, and examples of protocols. Mr. Conrardy will also review the quality criteria required to evaluate offset creation.

**10:30 - 10:40 Break**

**10:45 Greenhouse Gas Offset Markets and Financials**  
Steve Baczko, NatureBank

Mr. Baczko will provide an overview of current offset markets including both regulated and voluntary markets. This section will also include information on offset transactions, market participants, and the current market value for offsets.

**11:30 Q&A**

**11:45-12:45 Adjourn for Lunch Break**

## Hawaii-Based Greenhouse Gas Reduction Project Examples

Each presentation will include a technical explanation of the action or process that reduces greenhouse gas emissions as well as an approximation of total emissions reduced and associated costs of the project or action. Each presenter will also provide any unique details of their projects, including co-benefits.

- 1:00**            **Carbon Sequestration through Forestry**  
Leah Laramée, State of Hawaii, Department of Land and Natural Resources,  
Division of Forestry and Wildlife
- 1:20**            **Biogas Capture**  
Aaron Kirk, Hawaii Gas
- 1:40**            **Electric Vehicle Adoption Encouragement through Charging Systems**  
Jimmy Yao, Hawaiian Electric
- 2:00 - 2:10**    **Break**

## Connecting Greenhouse Gas Reduction Projects to Offset Project Feasibility and Beyond

- 2:15**            **Environmental Justice**  
Trisha Kehaulani Watson, JD, PhD, Honua Consulting
- Dr. Watson will provide an overview of environmental justice in the context of greenhouse gas emissions and the impacts of decision making on indigenous peoples and local communities.
- 2:30**            **Hawaii-based Projects in the Context of Offset Creation Feasibility**  
Michael Conrardy, AECOM and Steve Baczko, NatureBank
- This portion of the symposium will consist of an audience participation exercise using the AECOM developed “Offset Gate Key” tool. The Offset Gate Key will walk attendees through the four “gates” that represent the decision criteria for creating offsets:
1. Quality
  2. Additional
  3. Financial Viability
  4. Environmental Justice
- The facilitators will use the information presented on Hawaii-based greenhouse gas emission reduction projects and the Offset Gate Key to help the audience better understand how to evaluate the feasibility of offset creation.
- 3:30**            **Additional Market-based Tools**  
Michael Conrardy, AECOM and Steve Baczko, NatureBank
- The team will discuss alternatives to offsets, such as impact investment, voluntary action funds, and other governmental tools. The discussion will include audience participation and will carry into the Final Q&A and the Parking Lot.
- 4:20**            **Next Steps**  
Danielle Bass, State of Hawaii, Office of Planning
- 4:25**            **Closing Remarks, Adjourn**  
Erin Dunable, AECOM