INNOVATION | RNG
THE POWER OF WASTE:
RENEWABLE NATURAL GAS (RNG) FOR CALIFORNIA

October 5, 2017
8 a.m. - 4:15 p.m.
Capitol Plaza Halls, Grand Ballroom
1215 J Street, Sacramento, CA 95814

AGENDA

REGISTRATION, CHECK-IN AND BREAKFAST

WORKSHOP INTRODUCTION: MOVING TOWARDS A SUSTAINABLE ENERGY & TRANSPORTATION FUTURE
Joanna D. Underwood, Founder, Energy Vision

WELCOME ADDRESS
George Minter, Vice President, SoCalGas External Affairs & Environmental Strategy, SoCalGas
Dave Lewis, Director, Wholesale Marketing and Business Development, PG&E

EXPLORING THE ECONOMIC/POLICY LANDSCAPE
The panelists will provide an overview of the biogas and renewable natural gas industry, including the environmental benefits, key economic and policy drivers, current and future incentives, and project economics.
10:00 - 11:00 a.m. DEVELOPING DAIRY DIGESTER PROJECTS AND SB 1383
Hear from several of the leading dairy digester developers in the United States and the keys to build a successful project. Discussion will also focus on SB 1383 and the five or more dairy pilot projects that will interconnect to the gas utility pipeline.

Nate Taylor, Project Manager, SoCalGas
Grant Zimmerman, CEO, ampCNG
Ross Buckenham, CEO, California Bioenergy
Nathan Nisly, Director of Development, Maas Energy Works

Moderator: Matt Tomich, president, Energy Vision

11:00 - 11:15 a.m. COFFEE AND NETWORKING

11:15 a.m. - 12:15 p.m. THE ROLE OF STATE AGENCIES IN ADVANCING RNG
The panelists will discuss how state agencies are advancing the RNG industry, including topics such as the potential of RNG in California’s energy mix for reducing greenhouse gas emissions, reducing short-lived climate pollutants, SB 1383 renewable gas initiatives, and the low carbon fuel standard.

Ryan McCarthy, Science and Technology Policy, Advisor, California Air Resources Board
John Kato, Deputy Director - Field and Transportation Division, California Energy Commission
Dr. Amrith Gunasekara, Science Advisor to the Secretary, California Department of Food and Agriculture
Hank Brady, SB 1383 Manager, CalRecycle

Moderator: Johannes Escudero, CEO and Executive Director, Coalition for Renewable Natural Gas

12:15 - 1:00 p.m. LUNCH AND NETWORKING

1:00 - 1:50 p.m. FROM BIOGAS TO RNG: OVERVIEW OF BIOGAS UPGRADING TECHNOLOGIES
Hear from several companies and their commercially available technologies that can upgrade biogas to meet utility pipeline quality specifications.

Antonio Saavedra, Business Development Director, Greenlane Biogas
Amir Ghasdi, Business Development Director, Xebec
Mike Mitariten, Market Director, Air Liquide
Shivaji Ramalingam, Business Account Director, DMT Clear Gas Solutions
**1:50 - 2:50 p.m.**

**TURNING ORGANIC WASTE INTO FUEL AND UTILITY INTERCONNECTION**

The panelists will discuss how to successfully build commercial scale facilities to produce biogas from landfill diverted organic waste. Utility panelists will discuss the process to interconnect to the utility pipeline.

Mike Silva, Civil Engineer and Project Manager, CR&R Municipal Organics, Anaerobic Digestion & RNG
William Skinner, Sales Manager, Hitachi Zosen Inova Municipal Organics, Anaerobic Digestion & Onsite Generation
Jim Lucas, Market Development Manager, SoCalGas
Dave Lewis, Director Wholesale Marketing and Business Development, PG&E

**Moderator:** Matt Tomich, President, Energy Vision

**2:50 - 3:05 p.m.**

**COFFEE AND NETWORKING**

**3:05 - 4:05 p.m.**

**RENEWABLE GAS DEVELOPMENT AND END-USE MARKETS**

The panelists will discuss several of the end-use markets for renewable gas, as well as some innovative renewable gas production technologies including power-to-gas, thermochemical biogas conversion, and artificial photosynthesis.

Brandon Price, Environmental Commodity Compliance Manager, Clean Energy Renewables
Kevin Cook, Regional Sales Manager, Cummins Westport
Todd Little, Director of Gas Management, Bloom Energy
Ricardo Hamdan, Sales Manager, Hitachi Zosen Inova
Matt Gregori, Technical Development Manager, SoCalGas

**Moderator:** Matt Tomich, President, Energy Vision

**4:05 - 4:15 p.m.**

**CLOSING REMARKS**

Joanna D. Underwood, Founder, Energy Vision

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This event was made possible with support from the following sponsors: