

KNOWLEDGE • NETWORKING • PARTNERSHIP



— 3rd edition —

BIOGAS

NORTH AMERICA

— FORUM 2021 —

22 JUNE 2021 | VIRTUAL EVENT

biogas-usa.com

Organized by:

WISDOM



22 JUNE 2021
VIRTUAL EVENT

The forum will welcome RNG and biogas industry experts and decision-makers from across the USA to share, learn and collaborate on the latest innovations, strategic approaches, actionable legislation, and future trends in the industry.

This event will offer you the opportunity to network with crucial RNG stakeholders ranging from feedstock owners, project developers, energy producers, CNG fleet owners and operators, investors, utilities, and municipalities. This unique combination of all the key players in the same room allows for candid and productive dialogue. Participants discuss best practices, experience, and ascertain where the most commercial developments & business opportunities lie in the US biogas sector.

Its interactive format of panel discussions, presentations, open discussion allowing for engaging Q&A, and structured business networking opportunities will allow attendees to walk away with invaluable insights and practical takeaways.

KEY TOPICS

- Overview of the US RNG & Biogas Sector
- Impact of COVID-19 on the Biogas Market
- Key Developments: Mergers, Acquisition, and Partnerships
- Latest Technological Advancement
- Key Emerging Trends in the US RNG & Biogas Market
- Insights on Regulation Impacting the Industry
- The Latest in California LCFS Policy, Legislation, and Regulations

WHO WILL ATTEND

By Job Title

- Head of: RNG, Biogas, Sustainability, Renewable
- Energy, Environmental
- Project Manager
- General Manager
- Managing Director
- Commercial Manager
- President
- Chief Executive Officer
- Vice President
- Supervising Engineer
- Chief Development Officer
- Director of Renewable Resource Programs
- Vice President, Sustainability
- Chief Operating Officer
- Director of Commercial Waste
- Vice President of Regulatory Affairs and Chief
- Sustainability Officer
- Dairy Farmer
- Chief Development Officer
- Business Development Director
- Director of Risk and Development, RNG
- Vice President, Operations and Technology
- Director - Energy
- Director Of Project Development
- Vice President of Global Energy and Procurement
- Program Manager, Renewable Natural Gas
- Commercial Manager- Biomethane
- Senior Vice President & Chief Operating Officer, Utilities
- Senior Civil Engineer
- Deputy Director, Policy Development
- Environmental Scientist
- Secretary for Environmental Protection

By Industry

- Feedstock Owners
- RNG/Biogas Project Developers
- Biofuel Fleet Owners/Operators/Dispensers
- Energy producers and marketers
- Utility Companies
- Municipalities & Public Authorities / Agencies
- NGOs, Non-profits, Trade Associations
- Research Laboratories / Academics
- Corporate and Sustainability Officers
- Technology Companies
- Waste removal companies
- Plant and Equipment Manufacturers
- Operations & Maintenance Providers
- Engineering Firms
- Energy Infrastructure
- Asset Managers
- Banks & Financiers
- Insurance and Legal Services
- Consultants
- Biogas Software companies

BIOGAS SERIES SPEAKERS



Brandon Moffatt
CVice President, Development
& Operations Deputy Director
Policy Development
StormFisher



Alice Stebbins
Executive Director
California Public Utilities
Commission



Paul Cammack
RNG Program Manager
Black Hills Energy



Julia Levin
Executive Director
Bioenergy Association of
California



Kraig Westerbeek
Senior Director SFD
Renewables & HPD
Environmental Affairs
Smithfield Foods



Tim Olson
Senior Policy Advisor
California Energy
Commission



Daryl Maas
Founder and Chief Executive
Officer
Maas Energy Works



Andre Villasenor
Environmental Protection
Specialist
United States
Environmental
Protection Agency



Mark McDannel
Manager Energy Recovery
Section
Los Angeles County
Sanitation Districts



Rachael Terada
Director, Technical Projects
Center for Resource
Solutions



Amrith Gunasekara
Science Advisor to the
Secretary, Manager of OEFI
California Department of
Food and Agriculture



Jared Liu-Klein
Public Policy Manager
SoCalGas



Patrick Pulupa
Executive Officer
State of California Central
Valley Regional Water
Quality Control Board



Greg Kester
Director of Renewable
Resource Programs
CA Association of
Sanitation Agencies



BIOGAS SERIES SPEAKERS



Thomas Lawson
President
California Natural Gas
Vehicle Coalition



John Martin
President & COO
BioStar Organic



Emily O'Connell
Director, Energy Markets
Policy
American Gas Association



Dan Bell
President
Agri-Cycle



Bob Powell
President & CEO
Brightmark Energy



Ryan Childress
Director, Business
Development
Dominion Energy



Michael Sharkey
Director of Risk and
Development
RNG US Gain



Andy Dvoracek
VP, Business Development
AMP Americas



Tom Murry
Vice President-Customers and
Communities
Vermont Gas



Charles Love
Renewable Energy
Acquisition
Love's Travel Stops / Trillium



John Hanselman
Chairman and CEO
Vanguard Renewables



Michael Bakas
Executive Vice President
Ameresco



Ross Buckenham
CEO
California Bioenergy



Harrison Clay
Vice President Strategic
Development, Global
Environmental Products
BP



AGENDA

22 June 2021 | Central Daylight Time (CDT) and Coordinated Universal Time (UTC)

08:50 CDT | 14:50 UTC

WELCOME MESSAGE

The biogas market value is predicted to reach USD 99 billion By 2026. The market is driven by increasing greenhouse gas emissions and their destructive impact on the environment. Various governing bodies across the world are investing heavily in the production of renewable energy sources to curb carbon emissions and to ensure a stable and secure energy supply. North America is assumed to grow at a substantial rate over the estimated period owed to increasing adoption of a substitute and renewable sources of energy.

The Department of Energy (DOE) and, U.S. Department of Agriculture (USDA) have detailed guidelines that can enhance the usage of biogas, which will also address the goals of U.S. renewable energy. The local government functions on programs and provides financial incentives to boost investments in biomass systems.

09:00 CDT | 15:00 UTC

Panel Discussion : OVERVIEW OF US RNG & BIOGAS SECTOR

- How does the RNG-Biogas industry fit into the sustainability narrative already created by wind and solar?
- Is RNG really renewable?
- Why Sustainability Officers love RNG projects (hint: it helps their bottom line)
- Is RNG to conventional natural gas what “clean” coal is to coal?
- Does the production of RNG create more landfills and farms?

10:00 CDT | 16:00 UTC

Session: RNG LEGISLATION: TRENDS AND OPPORTUNITIES FOR THE FUTURE

- What does the overall regulatory landscape look like for this industry?
- What regulatory challenges face dairies in California that are seeking to develop dairy digesters?
- The latest in California LCFS policy, legislation, and regulations

11:30 CDT | 17:30 UTC

30 Minute Virtual Coffee Break & Networking

12:00 CDT | 18:00 UTC

Panel Discussion: ANALYSING THE FEEDSTOCK POTENTIAL: WHERE ARE THE BIGGEST OPPORTUNITIES?

- Manure to renewable energy projects
- Food waste-based recycling for biogas

13:00 CDT 19:00 UTC	<p>Presentation: HOW A UTILITY COMPANY CAN QUICKLY MANEUVER IN THE BIOGAS SPACE</p> <ul style="list-style-type: none"> • Operational issues • Environmental policies around flaring • Technology advancements • How do you create a steady revenue stream that is sustainable & attractive to investors? • How can a utility best participate in a RNG project? • What are a utility's primary concerns with RNG?
13:30 CDT 19:30 UTC	<p>Session: COST OPTIMIZATION FOR BIOGAS & RNG PLANTS</p> <ul style="list-style-type: none"> • How to implement equipment upgrades whilst managing cost • Using technology to minimise risk and optimise production output
14:30 CDT 20:30 UTC	<p>Presentation: A HOLISTIC APPROACH TO BIOGAS FOR SUSTAINABLE DEVELOPMENT</p> <ul style="list-style-type: none"> • What are the lessons learned from the latest RNG projects? • Latest R&D and state of the art technology
15:00 CDT 21:00 UTC	30 Minute Virtual Coffee Break & Networking
15:30 CDT 21:30 UTC	<p>Panel Discussion: PROJECT DEVELOPMENT AND FINANCING OPTIONS</p> <ul style="list-style-type: none"> • State and federal financing programs • Getting private capital • Lenders view on risk and investment opportunities.
16:00 CDT 22:00 UTC	<p>Case Study: USING PUBLIC-PRIVATE PARTNERSHIPS TO DEVELOP A RENEWABLE NATURAL GAS PROJECT</p>
16:30 CDT 22:30 UTC	<p>Session: NEW OPPORTUNITIES FOR RNG</p> <ul style="list-style-type: none"> • Pushing retail use for RNG, specifically for greening and getting into buildings • The offtake and supply side of RNG, is the demand growing? • New RNG production and distribution opportunities
17:00 CDT 23:00 UTC	<p>Presentation: MUNICIPAL WASTE-TO-ENERGY: HOW LANDFILLS AND THE MUNICIPAL WASTEWATER SECTORS ARE APPROACHING BIOGAS AS A SOLUTION TO METHANE CONTROL</p> <ul style="list-style-type: none"> • Operational issues • Environmental policies around flaring • Technology overview
17:30 CDT 23:30 UTC	<p>Panel Discussion: BIOGAS FOR SUSTAINABLE DEVELOPMENT</p> <ul style="list-style-type: none"> • Providing enough RNG to fuel current natural gas demand. What are the possibilities? • What is the future for the RNG & biogas sector in the US?
18:30 CDT 00:30 UTC	Closing Remarks and end of Biogas North America 2021 Forum

An aerial photograph of a farm with several greenhouses and large silos, set against a backdrop of green fields.

WISDOM

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