



## **Cow Power: Turning Organic Waste into Vehicle Fuel for Vermont**

A Workshop by Energy Vision, Vermont Clean Cities and The UVM-TRC

April 23, 2014 – 8:30 a.m. – 3:00 p.m.; Billings Center, University of Vermont, Burlington, VT

### **Agenda**

**8:30-9:00**      ***Registration and Refreshments***

**9:00-9:10**      ***Workshop Introduction: Moving Toward a Sustainable Transportation Future***

Joanna D. Underwood, President, Energy Vision & Michelle McCutcheon-Schour, Director, VTCCC

**9:10-9:30**      ***Welcoming Address***

Chuck Ross, Secretary, Vermont Agency of Agriculture, Food and Markets

**9:30-10:45**    ***Separated Organics and Anaerobic Digestion***

Josh Kelly, Env. Analyst IV, VT Agency of Natural Resources, Waste Management & Prevention Division  
*Future of Materials Management in Vermont: Universal Recycling Law (Act 148)*

Guy Roberts, Chief Technology Officer, Avatar Energy  
*The Big Value Proposition in Anaerobic Digestion of Organic Wastes*

Dan Smith, President, Integrated Energy Solutions, Inc.  
*From Dairy Manure to Renewable Natural Gas: A Case Study*

**10:45-11:05**    ***Coffee and Networking***

**11:05-12:20**    ***Panel 2: The Intersection of Biogas and the Vehicle Market***

Owen Brady, Key Accounts Representative, Vermont Gas  
*Tapping the Natural Gas Vehicle Market via Pipeline*

Brian Paganini, Program Manager, Quantum Biopower  
*Recovering and Converting Food Waste to Energy & Vehicle Fuel*

Peter Vanderhoof, Director of Fleet Operations, Casella Waste  
*Fleet Conversion from Diesel to CNG and the Growing RNG Option*

**12:20-1:20pm**    ***Lunch and Networking***

**1:20-2:45pm**    ***Panel 3: Exploring the Economic/Policy Landscape***

Alex DePillis, Senior Development Coordinator, Vermont Agency of Ag, Food and Markets

Dr. Asa S. Hopkins, Director of Energy Policy and Planning, Vermont Public Service Department

Patrick Wood, President, Ag Methane Advisors

Mike Raker, Agricultural Energy Consultants, LLC

**2:45-3:00pm**    ***Final Questions and Path Forward***

