



COMMERCIAL REAL ESTATE - Sustainability Series Special Guest - PANEL Speakers

SUSTAINABILITY REDEFINING THE CURRENT AND FUTURE PRE-CONSTRUCTION/AEC LANDSCAPE



FRANK DALENE, PRESIDENT/CEO, TELEMAR INC., & AFFILIATED COMPANIES

Frank Dalene is also the Founder of the Hamptons Green Alliance, Founder of Carbon Factor, Inc. He received the Bachelor of Arts Degree from Nyack College and was inducted into the New York State Commission of Independent Colleges and Universities, 2010 Alumni Hall of Distinction. Frank served on several Advisory Boards and Board of Directors of several organizations. He judged two national design award contests and recently the Attainable Long Island Green Home Design Competition. He is active in several civic and philanthropic organizations. Frank is the past chair of the East Hampton Energy Sustainability Committee where he led the Town Board to unanimously adopt the Comprehensive Energy Vision and the community wide goal to be 100% Renewable in Electricity,

Transportation and Heating Fuels, the first municipality on the east coast to make such a commitment. Frank and the organizations he manages received several state and national awards for excellence. The HGA House received the 2010 Net Zero Residential Building Award from the New York Solar Energy Industries Association and State of New York Legislative Resolutions from the New York State Senate and New York State Assembly, where both Legislative Bodies “paused in its deliberations to honor the Hamptons Green Alliance upon the occasion of their designation for special recognition for the construction of a “net zero” green home”. Frank was invited to submit a paper that was peer reviewed and published in the American Institute of Physics, Journal of Renewable and Sustainable Energy (Vol.4, Issue 4), Special Topic Issue: “Low-Carbon Society for a Green Economy” on in 2012, titled *“Technology and Information Management for Low-Carbon Building”*.

Frank was invited to speak at the 2009 Advanced Energy Conference titled, “ICEMAN® – International Carbon Equivalent Mechanism Attributed to Neutrality” and the 2010 Advanced Energy Conference titled, Functional Net Zero, Carbon Neutral Technologies”. He was invited to speak at Zero Emissions Conference, ZERO10 in Oslo, Norway titled, “Functional Net Zero, Carbon Neutral and Sustainable Luxury Buildings”. Frank was invited to speak in a two-day workshop on green building at the Asian Development Bank Headquarters in Manila, Philippines where he gave four presentations. He has been invited to speak at Myanmar’s Green Economy Green Growth, (GEGG) in 2011 with two presentations, “Co-Benefits of Green Economy in Context with Policy and Strategy” and “Design and Construction to Meet US Green Building Council LEED Platinum Certification in Low-Carbon Residential Buildings – A Case Study”, in the 2012 GEGG, “Sustainable, Resilient Buildings – Functional Technologies and Strategic Management in Design and Construction” and on the High – Level Dialogue Panel, “The Future of Green Building”, in the 2013 GEGG he Chaired the Session, “Green, Sustainable, Resilient and Smart Built Systems” In 2012 Frank spoke at the Net Zero, Low-Carbon Building, Design and Construction Seminar with two presentations, “Net Zero and Low-Carbon Building” and “Southampton’s HGA House – A Case Study”. In 2013 he also spoke at the Manhattan Community Board 10, Harlem Green Economy Forum, “Policy – Green Policy, Trends and Realities”. In 2014 Frank served on the steering committee and was invited to the inauguration of the Center of Excellence for Greening and the Asian Institute for Green Economy in Yangon, Myanmar.

-NYS Sustainable Corp., aiding the curation, management, and navigation associated with the deployment of energy efficiency programs for the commercial real estate property owners of Long Island and the 5 Boroughs.

-Advocating, educating and curating the engagement of environmentally and economically sound EPA-government instituted, clean-energy programs -to endorse and segue adoptions promoting a healthy economy, long-term efficiency mechanisms, and a greener conversion footprint of conservation practices.



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Frank assisted Assemblyman Fred Thiele to initiate Assembly Bill, A1415: **Property Tax Exemption for Certified Green Buildings** that passed unanimously in the New York State Assembly and sponsored by Senator Ken LaValle that passed unanimously in the New York State Senate and was signed into law by Governor Andrew Cuomo.

Telemark, Inc. (www.telemarkinc.com) and its affiliated companies are builders of ultra-luxury homes in the Hamptons and high-end commercial projects in the tristate area. Co-Founders Frank and Roy Dalene have established an impeccable reputation for the highest quality attainable, true to their Scandinavian roots. Telemark received the 1998 Custom Builder of the Year Award, Best Home – Northeast Region from Custom Builder Magazine. Telemark received the 2001 “LIBI Award”- Platinum Award, for Best Community Recreation Center in Oceana at Brighton Beach, Brooklyn, NY from the Long Island Builders Institute.

Hamptons Green Alliance (www.hamptongreenalliance.org) is a not-for-profit association of building and related professionals in the Hamptons, organized to promote green building and maintenance practices. HGA provides information on materials, systems and best – practices for building, maintaining carbon neutral, zero energy homes and ecological landscapes via its website and other public forums. Members are leaders in their respective fields. HGA's goal is to be a resource for proven green and ecological practices. They are driven by a commitment to use their expertise in making the planet greener. The HGA House was a ground-breaking project, the largest USGBC LEED For Homes Platinum in the country, the first ever Certified Carbon Neutral Building in the Construction Stage with a reduction of energy consumption of 70%.

Frank and HGA House architect Ric Stott were selected as honorees by Cadillac when they rolled out their electric vehicle, the Cadillac ELR at the Montauk Beach House.

Presently Frank is building a Fossil Fuel Free Home, his own house that he will unplug from the grid. He is using emerging technologies in a unique way. He has developed new means and methods of construction taking cues from biomimicry, studying the body and how it maintains temperature by circulating fluids. He is combining it with TABS, Thermally Activated Building Systems, where the mass of the building becomes an energy reservoir for heating and cooling. He will achieve cooling with no mechanical cooling equipment. Using solar thermal hot air and solar thermal hot water for heating in a building with no thermal bridging and total thermal isolation from the environment. Electricity will be produced by solar photovoltaic panels and stored in a battery system.

Carbon Factor, Inc. and **ICEMAN®** (International Carbon Equivalent Mechanism Attributed to Neutrality), (www.carbonfactorindex.com) is a methodology that uses the well accepted sciences and protocols developed for measuring greenhouse gas emissions to mathematically calculate a measurement of factors that reduce or mitigate greenhouse gas emissions and then mathematically converts that value into an indexing system that represents a percentage of carbon neutrality. The index number will be incorporated into a logo certification mark that will be placed on packaging, websites, advertising or any means the business uses to promote themselves or their products or services. A consumer of products or services will have an additional attribute by which to evaluate the purchase of those products or services. The index number objectively defines the “greenness” of a product based on the product's embodied greenhouse gas emissions. It allows the market forces of competitive advantage to be a contributor to the reduction of greenhouse gas emissions.

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MYRNISSA STONE SUMAIR, EXECUTIVE DIRECTOR – HABITAT FOR HUMANITY, NASSAU COUNTY

Myrnisssa A. Stone-Sumair, a seasoned professional with 25+ years of experience in financial services, taxation and accounting joined Habitat for Humanity In Nassau County NY, Inc., over three years ago and currently serves as Executive Director. She holds a Bachelor of Science Degree in Economics, with a Minor in Finance from Fairleigh Dickinson University, New Jersey and Certification in Paralegal Studies, Hofstra University, Long Island, NY. Myrnisssa also earned a certificate in Clinical Counseling from the College of Pastoral Supervision and Psychotherapy, and NYS Certified Alcohol and Substance Abuse Counselor. As former Executive Director of the Long Beach Martin Luther King Center, Inc., Myrnisssa served the City of Long Beach, community children and families for nine years. An entrepreneur and seasoned professional, Myrnisssa started her own consulting firm over 20 years ago— Latreia Consulting Group, Inc., providing professional income tax preparation, accounting, bookkeeping, paralegal services, and mortgage origination. In 2016, Myrnisssa, joined by her husband Kenneth Sumair officially formed General Home Restorers, Inc., a NJ based home improvement company, specializing in carpentry, electric and plumbing services—serving Northern NJ, NYC, and Nassau County.



DANA HIGNELL, SENIOR ENGINEER – ROUX

Dana received her B.S. in Chemical Engineering from Cornell University, and soon after, began working for Roux. She has eighteen years of environmental engineering experience, working her way up to Senior Engineer. Her main engineering services are concentrated on the investigation, design, construction, and operation and maintenance of remedial systems for the treatment of contaminated soil, groundwater, soil vapor and sediment. Dana's experience focuses on former industrial facilities, as well as brownfield redevelopment projects. Her remedial design experience extends to excavation; horizontal recovery wells and recovery trench; groundwater pump and treat systems and air sparging with soil vapor extraction; design of vapor barrier and sub-slab depressurization systems; and the design of landfill cover systems. Roux is a nationwide environmental consulting and management firm headquartered on Long Island, with 300 environmental professionals in eight offices nationwide, specializing in a variety of science and engineering disciplines.

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ADAM UGLIUZZA, P.E., CPHC, SENIOR PROJECT ENGINEER

-Intertek BUILDING SCIENCE SOLUTIONS

Adam brings over ten years of experience as a licensed engineer and certified passive house consultant to building enclosure design and forensic consulting services. His concentrations include building enclosure design consulting, forensic evaluations, and enclosure commissioning on projects throughout the United States including residential, commercial, and industrial projects in various climate zones. His system expertise includes roofing, claddings, fenestrations and below grade waterproofing. He has been integral in the development of multiple disciplines within the Intertek building science group that includes building enclosure consulting and commissioning, whole building airtightness testing, and infrared thermography discipline areas.

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