

Costs and Approaches for Municipal Solid Waste Recycling Programs

Informational Gathering

Nathiel (Nat) Egosi, RRT

Nathiel Egosi, P.E. is President and Founder of RRT Design & Construction, a national leader in the engineering and construction of solid waste processing and recycling facilities.

Since 1989, RRT has been building recycling facility infrastructure and businesses for the solid waste and recycling industry. From leading the development and construction of over 500 projects including over 150 new greenfield facilities built in 30 states, Canada and Puerto Rico, Mr. Egosi has pioneered the development of advanced technologies for the recycling, scrap and solid waste industries.

He is widely recognized as an expert in process engineering and equipment design for the recovery of materials and energy from solid waste, food waste processing, metals from ash, processing of waste materials into engineered fuels, and advanced material beneficiation and refining of wastes for re-use.

Mr. Egosi is a registered Professional Engineer in 28 states and a graduate of Polytechnic Institute of New York (now New York University). He is also co-founder and collaborating partner of the annual MRF Operations Forum, the only national conference dedicated solely to MRF operations.

RRT is headquartered in Melville, New York, and maintains regional offices in Massachusetts, Maryland, Pennsylvania, Virginia, and Florida.

Jim Frey, Resource Recycling Systems Inc. (RRS)

Jim Frey, CEO and co-founder of RRS, has over 41 years of experience in providing technical and strategic consulting aimed at developing sustainable waste management systems. His expertise spans strategic planning, business economics, and public policy, enabling action-oriented decision-making for both public and private sector agencies. Jim's role in RRS projects focuses on high-value client consultancies, where he applies his skills in project scoping, resource allocation, cost/benefit analysis, and system planning to develop cost-effective problem-solving strategies. His work includes supporting the development of green supply chain infrastructure through corporate sustainability initiatives, zero waste strategies, and public/private partnerships. Notable projects include advising on the Poly Coated Paper Alliance, Oregon DEQ's Recycling Systems Frameworks, and leading the Carton Council's nationwide recycling access campaign. Jim holds an MBA with High Distinction from the University of Michigan Ross School of Business and is actively involved in various non-profit leadership roles.

Joe Pickard, Recycled Materials Association (ReMA)

Joe Pickard serves as the Chief Economist and Director of Commodities at the Recycled Materials Association (formerly the Institute of Scrap Recycling Industries). Since 2010, Pickard has directed the association's research and analysis on recycled commodity markets and the key economic role recycling plays in the United States and globally. Previously, Pickard served as the economist for the International Copper Study Group in Lisbon, Portugal. As a member of ITAC No. 5, he serves as an advisor to the U.S. Trade Representative and U.S. Commerce Department on trade issues related to nonferrous metals and critical minerals. Pickard holds an M.A. in Economics from Virginia Tech and a B.A. from Loyola University Maryland.

Judy Sheahan, U.S. Conference of Mayors

Judy Sheahan serves as the Assistant Executive Director for The U.S. Conference of Mayors, a nonprofit organization based in Washington, D.C., whose mission is to represent the needs and views of local governments through its chief elected official, the Mayor.

Ms. Sheahan is responsible for representing the views of the nation's Mayors on environmental policy to both Congress and the Administration and works with the Conference's Environmental Standing Committee which discusses, debates and drafts the Conference of Mayors' positions on pressing environmental issues.

Ms. Sheahan also is the Managing Director for the Conference's Environmental Department which provides technical assistance and research on such issues as climate, water, wastewater, solid waste, recycling, clean air, Superfund, and brownfields. Ms. Sheahan manages both the Mayors' Water Council and the Municipal Waste Management Association, the environmental affiliate of the Conference of Mayors, which represents the solid waste and environmental directors from cities, counties, and authorities throughout the United States.

Bryan Staley, Environmental Research and Education Foundation

Dr. Bryan Staley currently serves as President and CEO of the Environmental Research and Education Foundation (EREF), one of the largest sources of industry data, research funding, and scholarships related to solid waste management. He also serves as President of EREF-Canada, a non-profit organization headquartered in Toronto, Canada. He joined the EREF in 2008, where he started as vice-president of environmental programs, and has 28 years of experience in the environmental engineering field. Prior to EREF, Dr. Staley held key positions in consulting firms where he managed projects ranging from wastewater treatment system design, to retail/commercial land development and environmental management of large-scale livestock operations. He is licensed Professional Engineer and holds degrees from N.C. State University (PhD, B.S.) and the University of Tennessee (M.S.).