

THE GLOBAL CO₂ SCIENCE INITIATIVE

Board of Directors

Bernard J. David, Founder, Director and CEO. Mr. David is an entrepreneur, educator and author who has taught at the Wharton School, University of Pennsylvania as a Lecturer in Entrepreneurship. He has served on the boards of The National Ecological Observatory Network, Inc. (NEON) funded by the United States National Science Foundation, the Stroud Water Research Center, and CosmosID. Mr. David sits on the Advisory Committee of the AAAS-Lemelson Invention Ambassadors Program, a program designed to highlight the importance of invention to economic development, innovation and quality of life, globally. Mr. David also founded erthnxt, inc., now a part of the National Wildlife Federation. Mr. David is also a Senior Fellow at The Wharton School's Initiative on Global Environmental Leadership (IGEL). He served as a Trustee of The H. John Heinz III Center for Science, Economics and the Environment and has been an advisor to the United States Environmental Protection Agency. Mr. David serves as the Chairman of ReProduct, Inc. and as a member of the Board of Directors of CMC Energy Services, Inc. He has also served on the boards of Tangent Energy Solutions and Philadelphia Renewable Energy, Inc. and as an Advisor to EnerTech Capital. Mr. David earned a Bachelor of Arts in Political Science from the University of Pennsylvania, a Bachelor of Science in Finance and an MBA in Marketing from the Wharton School of the University of Pennsylvania.

David Douglas. Mr. Douglas is Vice President of Applied Minds, a company that invents, designs and prototypes breakthrough products and services for industry and government. His focus is on technology and sustainability strategy, drawing heavily on his background in engineering, technology, management, policy and ecology. Prior to Applied Minds, Mr. Douglas was the Chief Sustainability Officer and Sr. Vice President of Cloud Computing at Sun Microsystems. He also has extensive experience in supercomputing, big data and sensors. He is co-author of "Citizen Engineer", a book that captures core knowledge about sustainability and intellectual property. He is currently writing and conducting research on national energy policy and on the intersection of sustainability and innovation. Mr. Douglas serves on the Board of the National Ecological Observatory Network (NEON), and TouchShare, and is a Sr. Fellow at the Breakthrough Institute. He has a Bachelor of Science and a Master of Science in Electrical Engineering from the Massachusetts Institute of Technology.



Thomas E. Lovejoy. Dr. Lovejoy is University Professor of Environmental Science and Public Policy at George Mason University and Senior Fellow at the United Nations Foundation. He was the first to use the term 'biological diversity', originated the concept of debt for nature swaps (financial transactions in which a portion of a developing nation's foreign debt is forgiven in exchange for local investments in environmental conservation measures), and founded the Public Television series NATURE. He is an ecologist and conservation biologist and has worked in the Amazon since 1965. He is co-editor of two books on climate change and biodiversity and is working with Lee Hannah on a third. He has advised the Reagan, George H. W. Bush, and Clinton administrations, he chaired the Scientific and Technical Advisory Panel (STAP) for the Global Environment Facility from 2009 to 2013 and he received the Blue Planet Prize in 2012.

William J. Madia, Ph. D. Dr. Madia has been a leader in research, development, and technology commercialization for nearly four decades. He currently serves as Chairman of the Board of Overseers and Vice President for the SLAC National Accelerator Laboratory at Stanford University. He is also President of Madia & Associates, LLC, an energy consulting firm serving the needs of government, industry, and academia. Dr. Madia retired from Battelle in 2007 as Executive Vice President for Mergers and Acquisitions. During his 33-year career at Battelle, he developed acquisition strategies and led proposal teams for seven successful national laboratory contract bids. As Executive Vice President for Laboratory Operations, his organization grew eight-fold, resulting in annual revenues of \$4 billion and employing over 15,000 affiliated staff. During his career at Battelle, he held a variety of leadership positions including Laboratory Director of both the Pacific Northwest National Laboratory and the Oak Ridge National Laboratory. He was Director of Battelle's Columbus Laboratories of both the Pacific Northwest National Laboratory and President of Battelle Technology International, a multi-national research organization with major laboratories in Frankfurt, Germany and Geneva, Switzerland and offices worldwide.

Thomas Sheldon. Mr. Sheldon recently retired as Chief Financial Officer of the National Ecological Observatory Network, Inc. (NEON) where he spent the last five years developing the business functions necessary to support construction and operations of the 110-site ecological observatory. He previously served as Chief Financial Officer of Sorin Group North America for eight years, and worked for TRW, Inc. in various financial management capacities for over 19 years, including overseas and corporate staff assignments. Mr. Sheldon received a Bachelor of Arts in economics from the University of Colorado and a Master of Business Administration from the University of Michigan.

