



Jim Hanna, Director of Data Center Sustainability, Microsoft

Jim Hanna serves as Microsoft's first director of datacenter sustainability, providing strategic environmental direction to the company's growing cloud computing platform. In the role, he is leading efforts to effectively mitigate Microsoft's cloud footprint in land use, the built environment, water, and circular economy opportunities, in addition to tapping Microsoft's expertise in technology to scale sustainability solutions beyond its own footprint.

Previously, Jim served ten years as director of environmental impact for Starbucks, where he collaborated with partner corporations and nongovernmental organizations to help shape the company's environmental strategy. He contributed to enterprise-wide initiatives that supported green building, energy conservation, international procurement, recycling and waste reduction efforts.

Prior to Starbucks, Jim served as Director of Environmental Affairs for Xanterra Parks & Resorts at Yellowstone National Park. In the position, he oversaw Xanterra's many progressive environmental initiatives in its operations as the primary concessionaire in the park, including an ISO 14001-certified Environmental Management System. Before escaping to Yellowstone, he worked as Director of Operations for Teris Environmental in Los Angeles, managing the company's seven regional offices in North America.



Dave Pogue, Global Director of Corporate Responsibility, CBRE

Dave Pogue is leading the development of socially responsible, market driven solutions to align corporate responsibility principals into CBRE business practices through a strategy called Shared Advantage. Dave oversees CBRE's development, implementation and reporting for all aspects of corporate social responsibility, including environmental stewardship, community engagement and corporate giving.

His leadership has produced an award-winning sustainability platform leveraging thought leadership, service delivery and industry associations to raise worldwide green building standards. Program achievements include development of CBRE's \$1 million Real Green Research Challenge; delivery of co-branded BOMA BEEP training to more than 24,000 attendees; and recognition as the first manager of commercial property to certify more than 700 buildings in the LEED® for Existing Buildings rating system. CBRE has been honored by the EPA as a ten-time ENERGY STAR Partner of the Year and recognized by the U.S. Green Building Council® with the Leadership Award for Organizational Excellence.



David Rinard, Senior Director– Global Sustainability & Strategic Sourcing, Equinix

David Rinard joined Equinix in 2010 and currently is the Head of Global Sustainability and Strategic Sourcing within Equinix' Global Design and Construction team. In this capacity David is responsible for Equinix' Corporate Sustainability reporting, environmental sustainability program – including working towards meeting Equinix' goal to power its facilities with 100% clean and renewable electricity – and the companies utility data, sourcing, and risk management program for the portfolio of 190+ IBX Data Centers in 24 countries around the world. David is also responsible for their global strategic sourcing program through which Equinix sets standards, specifications, and manages supplier relationships for their major construction and operations capital equipment spend. David has 30 plus years' diverse experience in the data center, critical environments, MEP service, and property management industries.



Jay Madden, Senior Engineer, Southern California Edison

Jay Madden is a Mechanical Engineer at Southern California Edison, where he manages projects related to emerging HVAC and whole building technologies that save energy and reduce peak electricity demand. He has 30 years' experience designing HVAC, plumbing, and medical gas systems for hospitals, data centers, laboratories, and educational facilities. Mr. Madden is a registered Mechanical Engineer in the State of California and a LEED-accredited professional. He is also an active member of the Living Building Collaborative – Los Angeles, and has presented on water-savings technologies for HVAC systems.

Jay Madden has a Bachelor's Degree in Mechanical Engineering from California Polytechnic State University, San Luis Obispo and a Master's in Business Administration from California State Polytechnic State University, Pomona.