

Bernard Raemy



Born in 1966, Bernard Raemy obtained a Diploma of Mechanical Engineering in 1988 from l'Ecole D'Ingénieurs du Canton de Neuchâtel (La Haute Ecole Arc ingénierie) in the Jura Mountains of Switzerland. After several years with ABB working in and out of power plants across the globe, he obtained in 1995 a Masters of Business Administration from the Fuqua School of Business at Duke University. The following years, Mr. Raemy held various management positions with ABB and Alstom Power in Richmond, Virginia. In 2001, Bernard joined a Warren Buffet owned Midwestern utility where he focused on the development a 215 Megawatt geothermal power generation project in southern California. With his team, he secured all necessary permits, labor and sales agreements as well as other regulatory approvals to complete development activities for Salton Sea Unit 6. He completed a similar effort in 2006 for a 26 Megawatt renewable facility. That same year, Mr. Raemy founded Helvemas Inc., a consulting firm providing services to utilities and developers of renewable assets such as solar and geothermal projects. He soon joined one of his clients, Carbon Capture Corporation, to help combat greenhouse gas emissions through the production of algal-derived biofuels. Carbon Capture Corporation is privately held and is located in La Jolla, near San Diego California. The company operates a 40-acre algae research center in Imperial Valley, about 100 miles (160 km) inland of San Diego where various algae strains are produced in large open ponds with capacity up to 240,000-gallon (67,000 liters). Strains are harvested and tested for proteins or lipid extraction. Bernard now serves as a principal of Carbon Capture Corporation and additional information about the company's activities is available at <http://www.carbcc.com/>.

In 2008, Bernard and Carbon Capture Corporation worked on the creation of Algal Biofuels Consortium (ABC) under the leadership of Sandia National Laboratories in Albuquerque, New Mexico. The consortium was designed to provide a formal structure for broad public and private partnerships focused on addressing the continuing challenges in developing scalable algal biofuels. Planning committee members in the US include Sandia National Laboratories, Carbon Capture Corporation, New Mexico State University, Arizona State University, NASA-Ames, University of Hawaii, the National Renewable Energy Laboratory, DOE Office of the Biomass Program, MRI – MidAtlantic Corporation, Solix Biofuels, UOP, Cargill, and the University of Texas. The consortium, to be introduced during Biomarine in Marseille, seeks international participation in global research and development for algae-based biofuels as a sustainable alternative to certain liquid fossil fuels.

