Innovative Applications for Emerging Clean Energy and Water Technologies for Micro-Communities

Friday, November 13, 2015
8:30 PM to 12:00 PM (CDT)

AT&T Executive Education and Conference Center Ballroom
1900 University Ave, Austin, TX 78705

On November 13, 2015, the French Ameri-Can Climate TalkS (FACTS) will be traveling to Austin with the TK Universe: Eco (TKU: Eco) conference which will focus on self-sustaining micro-communities, one of today’s hot topics of the global warming debate.

Sujiro Seam, Consul General of France in Houston, Steve Adler, Mayor of Austin, Texas and Christophe Béchu, Mayor of Angers, the French Sister City of Austin, and Michel Salomon, President & CEO of SM2D Inc., an Austin-based aggregator and facilitator of clean water and energy development in micro-communities worldwide, will make the case of climate action across the Atlantic.

During this conference, officials, entrepreneurs and business leaders from both France and the U.S. will share and showcase how French and American are mobilizing and working together to form real-world solutions — not just policy — that bring clean energy and water to micro-communities of 30-300 people around the world. These technologies include self-sustaining ways to create and store energy, as well as to access and supply drinkable water to local communities.

The FACTS Austin conference is organized by the Office for Science and Technology at the Consulate general of France in Houston and SM2D, along with Community Partners.
AGENDA

8:30 am  Doors Open / Check in

9:00 am  Introductions
  • Sujiro Seam, Consul General of France in Houston
  • Steve Adler, Mayor of Austin, TX
  • Christophe Bechu, Mayor of Angers, France
  • Michel Salomon, President & CEO, SM2D Inc.

9:45 am  Clean Energy Climate Round Table
  • Kathleen Baireuther, Executive Director, CleanTX
  • Arnaud Uzabiaga, Business Development, boostHEAT
  • Marc-Alain Behar, VP Business development, Solairedirect
  • Moderated by Philippe Leonard, CEO, Urban Wind Design

10:30 am  Break

10:45 am  Clean Water Climate Round Table
  • Billy Roberts, VP Drinking Water Applications, Omni Water Solutions
  • Bernard Benayoun, CEO, Bamboo for Water
  • Serge Bellulo, CEO, Serbel
  • Moderated by Tom Ortman, CEO, Concurrent Design

11:30 am  Closing Statements
  • Dr. Peter Beck, Associate Professor and Coordinator of Environmental Science and Policy and Director of the Professional Science Master’s in Environmental Management and Sustainability at St. Edward’s University

12:00 pm  Doors close
9:00 AM – INTRODUCTIONS

Sujiro Seam
Consul General of France to Houston

Sujiro Seam is the Consul General of France to Houston. He joined the French Ministry of Foreign Affairs in 1998. He started his diplomatic career as a member of the legal directorate, representing the French government before the European court of justice and providing legal advice on European and international economic law. At the same time, he was appointed legal advisor of the French delegation to the Channel Tunnel Intergovernmental Commission. In 2001, he worked as a national expert in the World Trade Organization Dispute Settlement Unit of the Directorate General for Trade in the European Commission. In 2004, he joined the Permanent Representation of France to the European Union as a counselor in charge of fisheries, regional policy, outermost regions, overseas countries and territories and maritime affairs. In this capacity, he chaired the working parties on these matters under the French Presidency of the Council of the European Union in 2008. In 2009, he returned to the Ministry of Foreign Affairs in Paris, where he served as deputy assistant secretary for food security and economic development and chaired meetings on food security under the French Presidency of the G8 and G20 in 2011. He was promoted to principal deputy assistant secretary for Global Public Goods in 2011 and then for Development and Global Public Goods in 2013. In these roles, he was in charge of the preparation of the Ministerial Conference of the 6th World Water Forum in Marseille in 2012, and led the French delegation in the Development Working Group of the G20. He holds a diploma from the Paris Graduate School of Management, and also studied in the Paris Institute of Political Studies and in the National School of Administration. He served as a second lieutenant in the administrative corps of the army during his military service, ranking first in his class in 1995.

Steve Adler
Mayor of Austin, TX

Steve Adler was elected Austin’s 52nd Mayor in December 2014, and looks forward to doing big things to improve the quality of life for everyone in Austin. As the Mayor of this historic first new 10-1 Council, Mayor Adler plans to lead Austin’s government to a new level of inclusive civic engagement between residents and their elected officials.

Mayor Adler, along with his brother, were the first in their family to graduate from college. After completing his undergraduate studies at Princeton, Mayor Adler moved to Austin to work his way through law school at The University of Texas. Like many others, he fell in love with Austin and has made it his home for nearly four decades. Mayor Adler practiced civil rights law for many years, and later founded a successful eminent domain law practice representing landowners. Mayor Adler also served nearly ten years as Chief of Staff and General Counsel for Texas State Senator Eliot Shapleigh, working primarily on school finance, equity and access issues.

Mayor Adler has been deeply involved with, and has chaired, many Austin civic and non-profit institutions over the past twenty years.
Christophe Bechu
Mayor of Angers, France

Born in 1974, Christophe Béchu was elected alderman of Avrillé at the age of 21 before becoming deputy mayor. In 2004, at just 29 years-old, he became president of the General Council of Maine-et-Loire, and even the youngest elected representative to hold this function in France. He left the presidency of the Department in April 2014 a few days after having been elected mayor of Angers. Married with three children, Christophe Béchuis also Senator of Maine-et-Loire since 2011.

Michel Salomon
President & CEO, SM2D Inc.

SM2D Inc., based in Austin, Texas, assists emerging companies as they commercialize their innovative technologies worldwide, within 5 major markets: Electronic Transactions, Health, Retail, Event, and Self-Sufficient.

SM2D’s team of experienced entrepreneurs are able to create value for its clients through licensing, while keeping them protected in every possible way. Through what is internally referred to as “collective and competitive intelligence”, proper legal, fiscal, and marketing packaging allows for efficient and fast access to the markets in which demand for these particular products and concepts already exist.

SM2D goes to great lengths to appropriately position their clients on the service side of their respective markets, in order to retain ownership, remain flexible, and quickly achieve success.

SM2D’s TK Self Sufficient platform supports the optimization of energy efficiency through tracking and monitoring solutions in order to preserve natural resources, generate less waste and provide healthier living spaces for inhabitants, as compared to conventional buildings. According to upscale environment standards and needs, TK Self Sufficient provides customized solutions in-line with client specific objectives for grid-connected & off-grid applications.

9:45 AM – CLEAN ENERGY CLIMATE ROUND TABLE

PANELISTS

FACTS
French Ameri-Can Climate Talks
Kathleen Baireuther
Executive Director, CleanTX

Kathleen Baireuther serves as the Executive Director of CleanTX, the regional cluster development and trade association for clean energy and technology.

Kathleen Baireuther is a strategic planning and business development professional with 13 years combined experience in economic development, management consulting, and technology commercialization.

As the Principal of the Clean Energy Incubator at ATI, she provides direction to portfolio companies and promotes the clean energy ecosystem in Austin. She also manages a Department of Energy (DOE) grant designed to identify and promote best practices in clean energy incubation both regionally and nationally.

Arnaud Uzabiaga
Business Development, BoostHEAT

BoostHEAT develops improved innovative solutions to solve some of the world’s largest energy challenges: energy efficiency and security, reduction of greenhouse gas emissions, flexibility of energy networks and renewable energy.

BoostHEAT addresses the need for energy efficiency, energy flexibility and renewable energy into one affordable solution and developed the boostHEAT Thermal Compressor technology, a new generation of very efficient and renewable heating, hot water and cooling systems.
Marc-Alain Behar
VP Business development, Solairedirect

Marc-Alain Behar is responsible for business development across the Americas region at Solairedirect, France’s leading Independent Solar Power Producer. Marc-Alain’s primary focus is to develop the company’s footprint in the US and Latin America, coordinating internal business development activities as well as M&A and strategic partnerships. He is also in charge for the design and implementation of innovative business models based on competitive solar power.

MODERATOR
Philippe Leonard
CEO, UrbanWindDesign

Philippe Léonard is an innovator and consultant engaged in various ethical projects focusing on innovation, environment and energy challenges. Looking into two major issues nowadays, the environment and energy, Philippe imagined, researched, patented and developed AeroCube, a smart micro-scale and highly innovative roof-top wind turbine specifically designed for domestic and residential use in urban and sub-urban environment. Out of this idea, he started several companies on both sides of the Atlantic, including urbanwinddesign, an Austin-based start’up dedicated to licensing patented renewable energy solutions on international markets.
10:45 AM – CLEAN WATER CLIMATE ROUND TABLE

PANELISTS

Billy Roberts
VP Drinking Water Solutions, Omni Water Solutions Inc.
As a founding member of Omni Water Solutions, and with over 11 years of experience in water treatment technology development and commercialization, Billy is responsible for developing the design, optimization, and implementation of innovative water treatment technologies into multiple markets domestically and abroad.

Omni Water Solutions is a technology-driven company which specializes in developing and deploying mobile water treatment systems for turning contaminated water into usable water. Through its patented Octozone™ automation technology, Omni’s systems are able to treat a wide variety of contaminated water sources, including produced, brackish, and sea water. The result is output water custom-tailored to our customer’s requirements at significantly lower energy and maintenance costs. The company is based in Austin, Texas, and currently operates systems in North America and Africa.

Bernard Benayoun
CEO, Bamboo for Water
Bamboo for Water has created new sustainable solutions for wastewater treatment using multi-species bamboo plantations on soil (when appropriate) or on selected substrates, which can be tailored to various pollution and environmental contexts. This innovative water treatment named “Bambou-Assainissement®” was patented in 2002.

Bamboo for Water addresses comprehensive or tertiary treatment solutions for from agricultural, food-industry, washing and cleaning, and domestic wastewaters. The system can be also designed for stormwater or sludge management and treatment. As a tertiary treatment, the Bambou-Assainissement® constitutes a buffer zone which allows completing any other conventional treatments and thus contributes to protect the environment.
Serge Bellulo
CEO, Serbel

Serbel’s business philosophy is to systematically examining existing technologies to determine their strengths and weaknesses, then enhance those strengths into Serbel’s technologies without adopting the weaknesses. Most existing water treatment technologies process water at the point of use and are based on costly “consumables” business models.

Serbel technologies focus on water treatment at the point of entry (or, in certain instances, point of exit), require little to no energy to operate (considerably reducing costs), and require minimal maintenance, creating a global solution to systematically supply optimized water quality. Serbel products have no direct competitors and comply with the growing worldwide demand for organic and sustainable development coupled with an economy of water and energy.

MODERATOR
Thomas Ortman
CEO, Concurrent Design, Inc.

Concurrent Design works in the continuum from idea generation, IP development, conceptual design, engineering design, and prototyping to manufacturing scale-up. Concurrent Design has developed a strong portfolio in sectors such as electronics, semiconductor, nanotechnology, clean technologies and medical products.

The idea of “Engineering for Humankind,” and hence the interest in clean technologies (solar, wind, storage, solid state lighting, water, etc.) and medical technologies (medical and biomedical products, medical devices, and durable medical equipment). During twenty years, Concurrent Design grew to serve start-ups through Fortune 50 clients, booking well over 1600 projects locally, regionally, nationally and internationally.
11:30 AM – CLOSING STATEMENTS

Dr. Peter Beck

Associate Professor and Coordinator of Environmental Science and Policy and Director of the Professional Science Master’s in Environmental Management and Sustainability, St. Edward’s University

Dr. Beck’s research and teaching interests focus on policies that integrate environment and development and recently has begun examining issues related to campus sustainability. In addition to Environmental Policy courses, he teaches Survey of Africa for GLST majors. For the past four summers, he has led the EcoLead program to Costa Rica and has also taught in Kenya, France and this summer will teach Environment and Development in Vina del Mar, Chile. He is also developing a field course for the graduate program in Costa Rica. Originally from Southern California, he has spent five years working in Kenya, and has been a consultant with the World Wildlife Fund and the World Bank.
ABOUT THE FRENCH AMERI-CAN CLIMATE TALKS

Building up to the United Nations Climate Change Conference to be hosted by France in December 2015 (COP 21- Paris Climate 2015), the French Ameri-Can Climate Talks (FACTS) conference series is back for a second edition with 12 events across Canada and the United States involving renowned scientists, civil society representatives, NGOs, political figures, journalists and entrepreneurs. In preparation for the United Nations Conference, it seems important to consider the challenge of climate change not only in the context of a shared emissions burden but also as an opportunity to create employment, economic growth and innovative modes of production and consumption.

More information at
FACTS.FRANCE-SCIENCE.ORG

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