

Stantec



Communities are fundamental, that's why Stantec always designs with community in mind. Stantec is one of the world's largest design and consulting companies in the field of engineering and architecture. It counts on 22,000 employees in over 400 offices, active in the environmental, infrastructure, energy, health and safety sectors. From feasibility studies to land reclamation and environmental permits, from workplace safety to infrastructure design, from waste management to water and energy management, Stantec assists clients throughout the project life cycle. Stantec operations in Italy have grown to 150 staff members, including professional engineers, geologists and scientists. The head office of the South Europe Operations in Milan is complemented by an office in Rome.

Anessa



Anessa's unique Simulation Engine generates in-depth and reliable anaerobic digestion project assessments as well as optimal operating parameters using Artificial Intelligence technologies.

Anessa AD•A (Anaerobic Digestion Assessment) is a comprehensive project modelling software for potential biogas projects. The company's technical model assesses multiple risks and scenarios, generating rigorous sensitivity analysis and cost envelope projections. Anessa AD•O (Anaerobic Digestion Operation) helps customers make the most of biogas plant input feedstocks.

Anessa's user-friendly tool uses Artificial Intelligence to generate optimal recipes based on multiple factors for maximizing returns, generating the most output energy – and revenue – for customer plants.

Xebec Adsorption



Xebec is a global provider of biogas upgrading equipment providing customers with maximum revenue from their biogas stream. It offers skid or containerized upgrading systems, engineering, procurement, and construction management. Xebec has delivered more than 9,000 units to over 1,500 clients globally. Xebec's proprietary KPSA, fast-cycle rotary valve technology, combined with advanced, highly efficient and selective adsorbent, are at the heart of its pressure swing adsorption technology. BGX® biogas plants are flange-to-flange, modular, pre-engineered solutions, tested and proven for all biogas needs – biogas purification to renewable natural gas from WWTP, landfills, commercial and agricultural digesters (AD).

ecomunicazione.it

Embassy of Canada to Italy

The Trade Commissioner Service of the Embassy of Canada to Italy is a body of the Ministry of Foreign Affairs, International Trade and Development of Canada with the mandate to assist small and medium-sized enterprises in internationalization and to foster business relationships and technology exchanges between Canadian and Italian companies.

With more than 800 companies in the field of clean technologies and related services, revenues exceeding \$ 11.7 billion and a workforce of 50,000, Canada proposes innovative and sustainable solutions in many niches that cover industrial processes, energy production from renewables and energy efficiency. As part of Ecomondo + Key Energy 2019, Canada is present with cutting-edge companies in various technological sectors including water, wind, reclamation, energy recovery, cleaning products, environmental consulting and analysis, air pollution control and engineering and services in the fields of environment, infrastructure, energy, health and safety.

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Rimini fiera

ACS Logistics



ACS Logistics manages the international transportation needs of customers through its network of more than 100 NVOCC (Canada) agents worldwide. In business for more than 33 years, ACS also offers shipping agency service, and specializes in the movement of refrigerated cargo, and, increasingly, renewables. Headquartered in Montreal, Quebec, ACS also serves clients from offices in Halifax, Nova Scotia and Toronto, Ontario, and from its U.S. office in Manalapan, New Jersey.

Biomass Energy Techniques



BioMass Energy Techniques is a Canadian corporation, with a sister company in the United States. BioMass Energy Techniques' propriety system is a biomass burner capable of burning green (high moisture) biomass fuel and/or various other wastes (including household waste) to produce efficient thermal energy and biochar. With over 100 commissioned and operating systems across North America, the BioMass Energy Techniques system has been proven in a variety of applications in both the public and private sectors. The BET System has 14 different models and sizes ranging from 225,000 btu to 22,000,000 btu.

BluWave-ai



BluWave-ai seeks to realize a world powered by renewable energy. The company is committed to accelerating the adoption and the use of renewable energy sources such as wind and solar across communities and corporations to realize the "Utility of the Future". BluWave-ai's machine learning platform balances costs, availability, and reliability of various energy sources – renewable and non-renewable – with energy demand in real-time. BluWave-ai's SaaS based platform consists of BluWave-ai Edge and BluWave-ai Center and operates in the public and private cloud. BluWave-ai Edge connects to IoT sensors and meters around the grid. BluWave-ai Center manages these multiple edge nodes, collecting the data to build and train the AI models, and then sending these models back to BluWave-ai Edge to predict, optimize, and dispatch control. This allows utilities, enterprises, remote communities, and governments to optimize their energy decisions for increased sustainability, reliability, and affordability.

CNETE



CNETE's mandate is to provide applied research, technical support, and information to help businesses craft and implement innovation projects, and develop new technology applications in the areas of bioprocess, membrane separation technology, and electrochemistry. CNETE's team of professionals is dedicated to bringing success to projects. It includes researchers, technicians, project managers, and research assistants in a variety of fields, such as chemistry and chemical engineering, molecular biology, microbiology, agronomy, industrial bioprocesses, water chemistry and microbiology, food processing, water treatment, mathematics, physics, and mechanical engineering. CNETE has developed processes for recovering chemical products, remove alcohol from beverages, remove contaminants from waste or pure water. CNETE has developed many products, such as nanotechnologies for face creams, antibiotics, high purity lithium, gluten free beers, cheeses filtration, lactoserum reuse, recycling batteries and solvents, etc.

DBO Expert



DBO Expert's mission is to distribute, sell and support wastewater treatment and sewage solutions that are simple, innovative, environmentally friendly and adapted to the needs and capabilities of its customers. In 2000, DBO Expert obtained the distribution rights for the Enviro]] Septic pipe in Canada and the rest of the world, with the exception of the U.S. and a few others. Since then, DBO Expert has conducted several R&D projects, including two with the Quebec standards board (BNQ) and one with CEBEDEAU, the Belgian research centre in water expertise. DBO's work has contributed in taking the initial product through several phases of innovation to become the highly developed Advanced Enviro]] Septic pipe we know today. In the meantime, DBO Expert has increased its network of distributors, particularly in Canada, France and Maghreb.

DRYCAKE



DRYCAKE is an engineered products and services company focused on process equipment and design for waste reuse and recovery for municipal and industrial wastewater. Drycake delivers process packages designed to meet customer needs. The company foresees and responds to project needs as well as designs, develops and delivers cost effective and practical solutions. Drycake is committed

beyond product guarantees to process responsibility. The company engineers, packages, delivers, installs, commissions and supports InletWorks Screening and Grit Removal systems, Decanter and Disc-Stack centrifugal mechanical separation packages, solid waste systems thermal drying and evaporation technology, and conveyor systems.

dynaCERT HydraGEN™ Technology



dynaCERT is a Canadian company with a global solution to reduce pollution. The company has developed the next generation of Carbon Emission Reduction Technology for diesel engines in the global market, that also provides significant fuel savings to the operator. dynaCERT's verified HydraGEN™ Technology provides hydrogen and oxygen gases to diesel engines through electrolysis, which reduces fuel consumption up to 19% and emissions up to 50% for all diesel engines of all sizes.

Hana Recycling



Hana Recycling is based in Montreal operating in plastic recycling offering a full range of customized recovery and recycling services to businesses of all sizes such as sorting, resizing and compounding. The company operates a shredding facility of 4 tons per hour. Hana's main target is to reduce pollution and make the environment clean by reducing plastic in landfills. Reused plastic will help create new jobs and have a positive impact on the economy.

RWDI



RWDI Rowan Williams Davies & Irwin Inc. is a specialty engineering consulting firm of approximately 500 employees in 24 offices worldwide involved in the science of buildings, structures and the environment. RWDI assists project teams overcome challenges in a wide range of environmental and integrated sustainability issues. RWDI engineers and scientists use advanced modelling and analysis to mitigate environmental impacts – from noise to dust to greenhouse gas emissions – while conserving energy, improving sustainability, and helping to build resilient facilities that can withstand climate and extreme weather events. By applying innovative thinking, advanced modeling technologies and collaborating with clients, RWDI assists in achieving high performance while reducing cost, time and risk.