

Dr. Panayotis (Peter) G. Tسانtrizos
President, CEO, Director

Dr. Tسانtrizos was born in Athens, Greece and immigrated to Canada in 1971 at the age of 15. He received his Bachelor's degree in Chemical Engineering from McGill University in 1978 and his Ph.D. from the same university in 1988. His Ph.D. thesis was on the use of plasma technology to synthesize and form advanced materials.

In April 2004, Dr. Tسانtrizos founded Terragon and has served as the Company's President, Chief Executive Officer and Chief Technology Officer ever since. He has led all operations of Terragon, including the development of its proprietary waste treatment technologies.

Dr. Tسانtrizos has been developing and commercializing advanced environmental and materials technologies since 1978. He began his professional work with Arthur D. Little where he participated in various environmental studies. Between 1983 and 1988 he worked for Canada's National Research Council and for McGill University where he developed various plasma technologies for the production of high performance materials. Between 1988 and 1991, he led the Advanced Materials Program at the Noranda Technology Centre.

In 1991, Dr. Tسانtrizos founded PyroGenesis Inc. a company that developed and commercialized a number of advanced materials as well as some world leading environmental technologies. At PyroGenesis, Dr. Tسانtrizos served as the Chairman and Chief Technology Officer and was responsible for most of the company's operation, including technology development, production and marketing. By 2003, under the leadership of Dr. Tسانtrizos, PyroGenesis had grown into a company that employed over 100 people, was serving many world leading companies as clients and had operations both in Canada and in Europe. In 2003, Dr. Tسانtrizos left PyroGenesis and founded Terragon in order to pursue the vision of enabling the "zero waste discharge habitat".

Dr. Tسانtrizos has 18 patents and over 50 publications, most related to waste treatment technologies. Examples of technologies developed and commercialized by Dr. Tسانtrizos include: (i) the Plasma Arc Waste Destruction System (PAWDS), which is currently the most compact and efficient technology for the treatment of waste on board large cruise ships and aircraft carriers; (ii) the Plasma Atomization process used to produce the world's highest quality titanium powders for biomedical applications; (iii) numerous plasma sprayed protective coatings used in the mining and pulp & paper industries, and (iv) the Micro Auto Gasification System (MAGS), which is the world's first compact waste gasification appliance, enabling people to treat the waste they generate locally and eliminate waste transfer.

