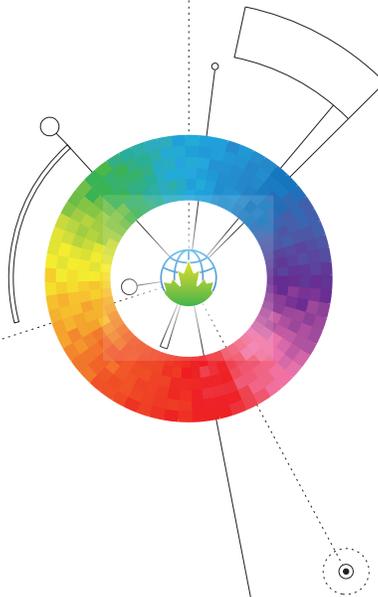


2017
CANADIAN
CLEAN TECHNOLOGY
INDUSTRY REPORT



GUEST EDITORIAL:
**PERUVIAN
EMBASSY**



Incentivizing New Technologies in the Fight Against Climate Change

H.E. Marcela Lopez Bravo

Ambassador of Peru to Canada

The trend in global environmental responsibility towards a low-carbon world represents a unique opportunity to implement actions that increase countries' economic competitiveness and reduce their GHG emissions. The protection of the environment and the growth of the economy go hand-in-hand with new technologies. Countries around the world are looking for new ways to expand and green their economies and create opportunities. The global clean technology market is growing rapidly by presenting businesses with immense opportunities to showcase their ingenuity and support sustainable prosperity.

Governments are now developing a clean-growth framework that will aid in the fight against climate change. But supporting a clean economy will also provide opportunities in the new global market by diversifying economies with clean and renewable technologies.

Investing in new technologies is a key component of governments' efforts to promote sustainable economic growth and play a lead role in the transition to a low-carbon economy. Investments in the research, development, and demonstration of new clean technologies accelerates this transition. In emerging markets like Peru, we've seen impact from building institutions to coordinate government initiatives to reduce emission across sectors.

Achieving the very large reduction in GHG emissions that scientists say is needed to avoid the worst effects of climate change will not be easy. It will require action across all sectors of the economy, from electricity and transportation to agriculture. A portfolio of technologies exists today for achieving cost-effective emissions reductions, but emerging technologies hold even more promise for the future. The successful development of these technologies will require research, incentives for producers and consumers, and emissions-reduction requirements that drive innovation and guide investments. Governments at all levels need to encourage short-term action to reduce emissions while laying the groundwork for a longer-term technological revolution.

Without a revolution in energy technology, societies will pump ever-increasing amounts of GHGs into the atmosphere. The time to begin making the necessary investments in new technologies is right now. Some emissions-reducing technologies (such as hybrid gasoline-electric cars, wind power, and more efficient appliances) are commercially competitive today. Others (such as electric vehicles and carbon capture and storage) are advancing rapidly. An even wider range of cutting-edge technologies in the early stages of development or technologies that have yet to be invented may provide significant reductions in the future.

The politics of climate change demands new levels of cooperation with our immediate neighbors and with the global community at large. The Paris Agreement launched a global effort to create equitable capabilities for efficiency and resilience in order to ensure low-carbon growth and sustainable development at the same time.



analytica advisors

Analytica Advisors
111 Russell Avenue
Ottawa, Ontario
K1N 7X2 CANADA
T +1 (613) 866-9157
E info@analytica-advisors.com
www.analytica-advisors.com

© 2017 Analytica Advisors Inc.

As a certified B Corporation, Analytica Advisors has a triple bottom line. It is a Canadian owned and operated small to medium-sized company dedicated to research and advisory services for a growing and sustainable Canadian and global economy.

For more information on how to license the contents of the *2017 Canadian Clean Technology Industry Report*, please contact Céline Bak at: celine.bak@analytica-advisors.com or +1 (613) 866-9157.

