SAVING ENERGY is a win-win strategy for industry

Commission for Environmental Cooperation

Increasing Industrial Energy Efficiency through ISO 50001

Did you know that:

If by 2030, 50% of the global industrial and service sector adopts ISO 50001, it will avoid 6,500 million metric tons of CO_2 emissions. This is equivalent to removing 210 million passenger vehicles from the road![1]

Why this matters to you:

North American manufacturing supply chains make everyday products, such as cars, heavy equipment, household supplies, and food items that are vital to North American economies and quality of life. However, they use large amounts of energy, which is costly and pollutes the environment. Supply chains that apply robust energy management systems, such as ISO 50001, remain globally competitive and are more environmentally sustainable. Together, as a region, Canada, Mexico and the United States have shown leadership by promoting voluntary certification programs and capacity building to achieve industrial energy efficiency.

THE CEC DEVELOPED A TRAINING PROGRAM TO HELP NORTH AMERICAN INDUSTRIES IMPLEMENT THE ISO 50001 ENERGY MANAGEMENT SYSTEM. THROUGH ISO 50001, INDUSTRIES CAN REDUCE THEIR ENERGY USE, SAVE MONEY, AND PROTECT THE ENVIRONMENT ACROSS THE SUPPLY CHAIN.

Because of the CEC...

- North American supply chains have access to targeted and effective ISO 50001 training by certified energy experts.
- Manufacturers have online tools and resources in English, French and Spanish to coordinate energy efficiency efforts with their suppliers.
- Of the 17 industrial facilities that completed the 2015–2016 training program, at least 7, including Ingersoll Rand, Cummins, 3M, Cargill, Titan America and Intertape Polymer Group, are now ISO 50001-certified.
- Eleven Nissan supply chain facilities have enrolled in the new ISO 50001 supply chain training program.

For more information: **www.cec.org/energy_program**
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1. McKane, A.; Therkelsen, P.; Scodel, A.; Rao, P.; Aghajanzadeh, A.; Hirzel, S.; Matteini, M. 2017. Predicting the quantifiable impacts of ISO 50001 on climate change mitigation. *Energy Policy* 2017, 107, 278–288.