



## Pathways to Cleaner Production in the Americas

## Partnership Overview



### GOALS

*To promote and facilitate sustainable industrial development throughout the Americas by creating regional centers of excellence for education, development and implementation of best practices for Cleaner Production and Sustainable Development.*

The Pathways to Cleaner Production in the Americas project is a multi-national effort that incorporates business, engineering, and environmental education as a collective response to the need for technically innovative skills training in industry across the Americas. Overall, this alliance will help generate a modern workforce to implement cleaner production practices. At the same time, these training activities will directly benefit the micro, small and medium enterprises (MSMEs)

participating as clients in the activities. Faculty members will collaborate with industry professionals in their respective countries to lead their students in conducting energy, process and material audits, developing strategies for improving financial and environmental performance, and helping companies to implement these strategies. In addition, the universities will host annual workshops for industry participants to learn about best practices developed through the project.

### UNIVERSITY PARTNERS

Illinois Institute of Technology  
(IIT), USA

New York Institute of  
Technology (NYIT), USA

Instituto Tecnológico de Costa  
Rica (TEC), Costa Rica

Instituto Tecnológico de Santo  
Domingo (INTEC), Dominican  
Republic

Universidad Centroamericana  
"José Simeón Cañas" (UCA), El  
Salvador

Universidad de San Carlos de  
Guatemala (USAC)

Universidad Nacional Autónoma  
de Honduras (UNAH)

Universidad Nacional de  
Ingeniería, Nicaragua (UNI)

Universidad San Ignacio de  
Loyola (USIL), Peru

### IMPLEMENTATION PARTNERS



Supported by



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## CURRENT PROGRAM ACTIVITIES

Strengthening academic training related to sustainable industrial development (SID) through faculty capacity building for delivering new content, curricular design and modification, and training environmental professionals in partner countries.

### Areas of Training in Year 1:

- General Framework for CP
- Diagnostic Tools for CP
- Clean Technology Options
- Business Case for CP
- Industrial Ecology
- Life Cycle Assessment & Ecodesign

The First Faculty Capacity Building Workshops were held at INTEC in the Dominican Republic in December 2012 and at UCA in El Salvador in January 2013. Approximately 30 people participated in each workshop comprised mainly of academic faculty with representatives from industry and government.



Increasing adoption of cleaner production and sustainability practices in micro, small and medium enterprises (MSMEs) through increased interaction with academia, especially through experiential learning projects where students work directly with MSMEs.

**The CP Practicum Pilot Courses are being run at INTEC in the Dominican Republic in February-April 2013 and at UCA in El Salvador in March-July 2013.** The first practicum courses in the other Latin American host countries will take place later in 2013 and early 2014. In the Dominican Republic the students will work with the furniture industry and those in El Salvador with the food sector.

Creating a virtual forum to promote systemic collaboration and information sharing on sustainable industrial development education and application among the partner institutions and others in the region.

We have created the following resources for virtual collaboration:

### Website

[www.cleanerproduction-la.org](http://www.cleanerproduction-la.org)

### Facebook

<https://www.facebook.com/PathwaysToCleanerProduction>

**The Next Faculty Capacity Building Workshop** will take place at IIT in Chicago, USA August 5-6 2013.

**The Next In-Person All Partnership Meeting** will take place at IIT in Chicago, USA August 7-8 2013.

Dr. Weslyne Ashton  
Partnership Director

Illinois Institute of Technology  
Stuart School of Business  
10 West 35<sup>th</sup> St, Chicago IL 60616

E: [washton@iit.edu](mailto:washton@iit.edu)  
P: +1.312.906.6517

Dr. Marta A. Panero  
Partnership Coordinator

New York Institute of Technology  
School of Engineering & Computer Science  
1855 Broadway, New York, NY 10023

E: [mpanero@nyit.edu](mailto:mpanero@nyit.edu)  
P: +1.646.273.6119