

ECONOMIC SECURITY, RESILIENCE AND DE-CARBONIZATION OF HEAVY INDUSTRIES WORKSHOP

Fairmont Château Laurier Hotel

Quebec Suite, 1 Rideau Street (Ottawa, Ontario)

Wednesday, November 28 – Thursday 29, 2018

Theme:

A Multi-stakeholder, Multidisciplinary Approach to Addressing Challenges and Leveraging Opportunities for the De-carbonization of Heavy Industries

This workshop is meant for public servants, industry, engineers, academics, non-governmental organizations, students, economists, business leaders, and Indigenous peoples interested in seeking solutions for the de-carbonisation of heavy industry in Canada.

PRINCIPAL SPONSOR



Infrastructure Resilience Research **Group** (IRRG) Office of the Dean, Faculty of Engineering and Design

AGENDA

DAY 1 – WEDNESDAY, NOVEMBER 28, 2018

07:30 - 08:30 **REGISTRATION**

08:30 – 08:45 **CO-HOST' OPENING REMARKS**

Felix Kwamena, Ph.D., Adjunct Professor and Director Infrastructure and Resilience Research Group (IRRG) Faculty of Engineering and Design, Carleton University

Shahrzad Rahbar, *Ph.D., ICD.D., President Industrial Gas Users Association (IGUA)*

08:45 – 09:15 INDUSTRY PERSPECTIVE

Frank Saunders, Vice President Nuclear Oversight and Regulatory Affairs Bruce Power

09:15 - 09:45 **KEYNOTE REMARKS**

THE ROLE OF RESEARCH AND INNOVATION IN THE DE-CARBONIZATION OF HEAVY INDUSTRY

Prof. Rafik Goubran, Vice President, Research and International former Dean, Faculty of Engineering and Design Carleton University



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09:45 – 10:45	SESSION I: FRAMING THE NEED FOR DE-CARBONIZATION
	Panel: ☐ Alan Young Chair, Int'l Institute of Sustainable Development
10:45 – 11:00	NETWORKING BREAK
11:00 – 12:30	BREAKOUT - DEFINING THE CHALLENGES OF DE-CARBONIZATION
12:30 – 13:30	NETWORKING LUNCH
13:30 – 14:45	CASE STUDIES AND LESSONS LEARNED
	Panel: ☐ Chris Bataille Author, Inter-governmental Panel on Climate Change
14:45 – 15:00	BREAK
15:00 – 16:00	SESSION II: PANEL DISCUSSION
16:00 - 16:15	WRAP-UP

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DAY 2 - THURSDAY, NOVEMBER 29, 2018

08:00 - 08:15	CO-HOSTS' RECAP OF DAY 1
	Felix Kwamena, Ph.D. Adjunct Professor and Director
	Infrastructure and Resilience Research Group (IRRG)
	Faculty of Engineering and Design, Carleton University
	Shahrzad Rahbar, Ph.D., ICD.D, President
	Industrial Gas Users Association (IGUA)
08:15 – 09:00	KEYNOTE REMARKS: WHO ARE THE PLAYERS AND WHAT DO THEY NEED TO DO DIFFERENTLY?
09:00 – 10:00	BREAKOUT – WHO NEEDS TO ACT AND HOW?
10:00 – 10:30	NETWORKING BREAK
10:30 – 12:00	(cont'd) BREAKOUT – WHO NEEDS TO ACT AND HOW?
12:00 – 13:00	LUNCHEON KEYNOTE: RE-INVENTING INDUSTRY
13:00 – 14:30	BREAKOUT SESSION RESULTS
14:45 – 15:00	BREAK
15:00 – 16:00	SESSION III: PLENARY PANEL DISCUSSION - NEXT STEPS AND ACTIONS
16:00 – 16:15	WRAP-UP