



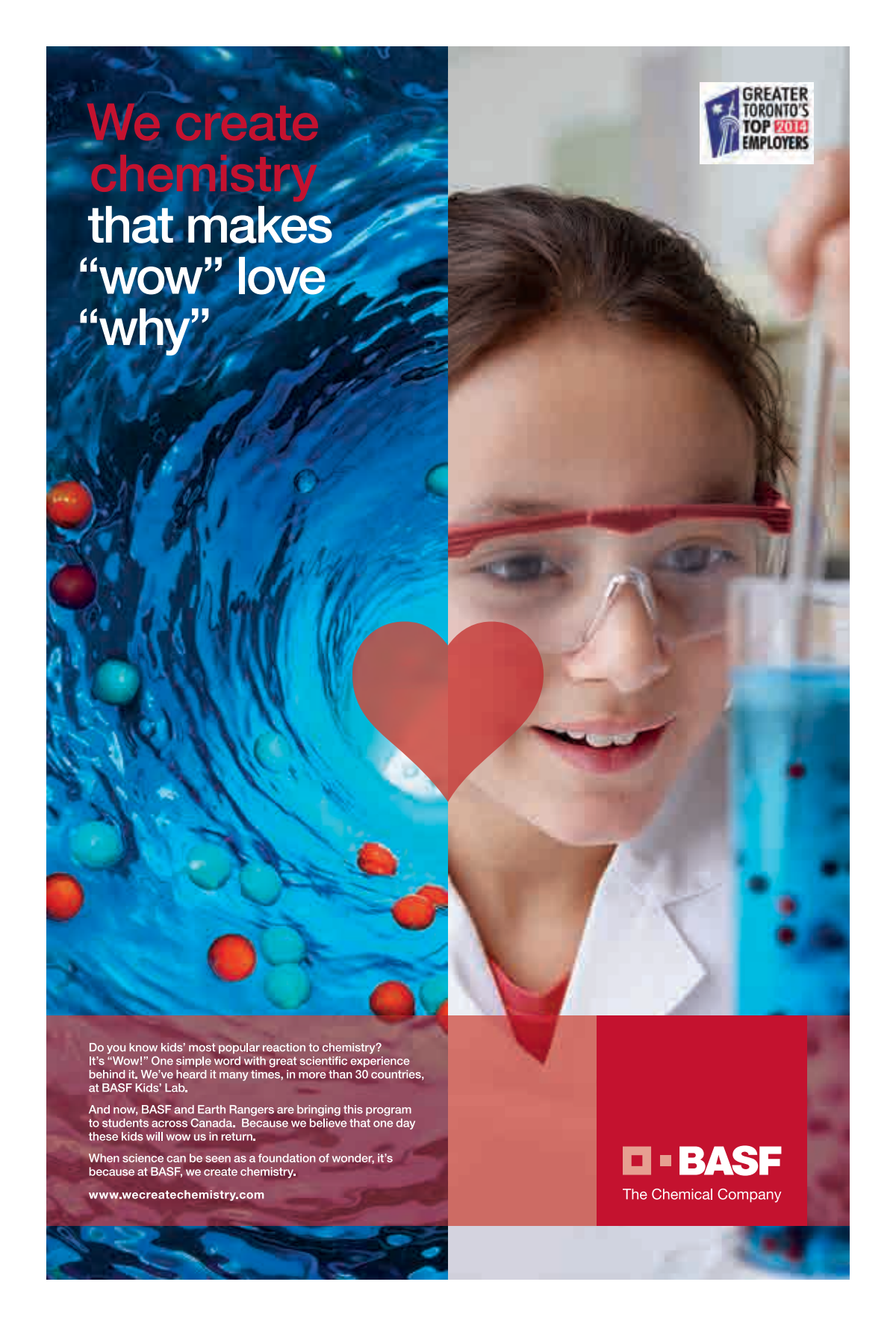
# GLOBE 2014

VANCOUVER CONVENTION CENTRE, CANADA

MARCH 26-28, 2014

13<sup>TH</sup> BIENNIAL INTERNATIONAL CONFERENCE &  
EXPOSITION ON BUSINESS AND THE ENVIRONMENT

CONFERENCE PROGRAM



We create  
chemistry  
that makes  
“wow” love  
“why”



Do you know kids' most popular reaction to chemistry?  
It's "Wow!" One simple word with great scientific experience  
behind it. We've heard it many times, in more than 30 countries,  
at BASF Kids' Lab.

And now, BASF and Earth Rangers are bringing this program  
to students across Canada. Because we believe that one day  
these kids will wow us in return.

When science can be seen as a foundation of wonder, it's  
because at BASF, we create chemistry.

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The Chemical Company

# GLOBE 2014

INTERNATIONAL CONFERENCE ON BUSINESS & THE ENVIRONMENT

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Download the **GLOBE 2014 App** FREE from the App Store and Android Store to find comprehensive schedules, speaker and exhibitor profiles, Feature Event notifications, and the GLOBE Twitter feed, all on your mobile device!

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## SPECIAL THANKS TO OUR PAPER, PRINT, AND OFFSET PARTNERS:



GLOBE 2014 is proud to partner with Offsetters, Canada's first and leading integrated carbon management provider, who is generously providing the carbon offsets to make GLOBE 2014 a carbon neutral event.



Hemlock, our print sponsor for the GLOBE Series, has been named the Most Environmentally Progressive Printer in Canada for six years running.



Our paper sponsor, Step Forward Paper™, has provided paper made of tree-free wheat straw and FSC Certified. A recent Life Cycle study finds Step Forward Paper™ to be one of the most environmentally sustainable paper types available in North America – and, it saves thousands of trees!



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STEP FORWARD PAPER™

# WELCOME TO GLOBE 2014



## GLOBE 2014 Delegates,

It is with great pleasure that I welcome you to GLOBE 2014 and to Vancouver, Canada.

For over two decades GLOBE has been at the forefront of new insight on the issues at the nexus of global business and sustainability agendas. It has helped corporations understand and embed sustainability into their operations, influenced international debate on our changing environment, and developed the global marketplace for progressive environmental and energy solutions.

GLOBE is honoured to once again provide a platform that stimulates the free expression of ideas and promotes invaluable partnerships.

This year's event comes at an uncertain time for our collective economies and the planet, but also an exciting one. Over the next few days, you will be asked to explore the issues surrounding today's most pressing global challenges. Increasing conflicts in the environment / economy nexus, concerns over our energy future, rising consumer demands for corporate accountability, burgeoning cities, and changes in the climate that sustains us are all issues of tremendous consequence to our communities.

GLOBE is about taking responsibility. I am confident that the issues you tackle, the partnerships you forge, and the strategies you devise can shape a more sustainable economy that will move us forward towards a resilient future.

I invite you also to take the opportunity to visit the GLOBE 2014 Exposition floor which showcases the world's leading innovations and technologies that will help accelerate the development of such a future.

On behalf of the GLOBE team, our sponsors, and supporters, let me extend our thanks to you for joining us and once again welcome you to GLOBE 2014.

Sincerely,

John D. Wiebe

A handwritten signature of John D. Wiebe in black ink, written in a cursive style.

President & CEO  
GLOBE Group



# PREMIER'S WELCOME MESSAGE



I take great pride in our beautiful province and am excited to welcome you to Vancouver, British Columbia for GLOBE 2014.

B.C. is an international leader in climate action and developing our natural resources in an environmentally sustainable manner. I believe there is no better place to hold a conference of this significance, where such a diverse group representing many different interests can network and learn from each other as we all strive towards a sustainable green economy.

The world faces a common challenge today, to protect our natural environment while encouraging economic growth. BC's green economy is a crucial part of the BC Jobs Plan and provides the foundation for a secure tomorrow.

As well, a strong and clean LNG industry can transform our province and the world. It's an exciting opportunity for B.C. to create jobs across our province while demonstrating leadership on responsible economic development. And our natural resource can help reduce emissions on a global scale.

I wish you all the best over the next few days as you work together and educate one another on the importance of a sustainable economy for future generations around the world.

Sincerely,

Christy Clark

A handwritten signature of Christy Clark in black ink. The signature is written in a cursive, flowing style. The first name 'Christy' is clearly legible, and the last name 'Clark' is written in a more stylized, cursive script.

Premier of British Columbia

# GENERAL INFORMATION

## BADGES

Please wear your name badge at all times to ensure access to conference sessions and events. Your badge is required for access to the Welcome Reception.

## CONFERENCE ATTIRE

To be as comfortable as possible throughout the event, we recommend that you come to all sessions and social events in business attire.

## BUSINESS SERVICE CENTRE

There is a Business Service Centre available on a fee-for-use basis. Within the Convention Centre or Pan Pacific Hotel, take the main lobby elevator to Level R and turn right as you exit. Follow the corridor as it bends to the right and you will find the Business Service Centre on your left.

## COAT CHECK

Delegates can store umbrellas and coats securely, on a user fee basis, at the Coat Check located near the Registration area in the Convention Centre lobby.

## INFORMATION DESKS

There are two GLOBE 2014 Information Centres: one is located in the lobby of the Convention Centre adjacent from Registration, the other is just inside the entrance to the Exposition.

## FOOD SERVICES

For your convenience, a fully-licensed food area is located on the Exposition floor to purchase light meals, snacks, and beverages. Additionally, there are food stations outside the exhibit hall and a food court accessible via the escalators near the entrance of the Convention Centre.

## PUBLIC TRANSPORTATION

Public transportation information is available at the Information Desk in the lobby of the Convention Centre. Waterfront Station can be accessed 50 metres east of the Convention Centre providing access to buses, SkyTrain & Canada Line (rapid transit), SeaBus (ferry service to North Vancouver), and the West Coast Express (commuter train). For more information, visit [www.translink.bc.ca](http://www.translink.bc.ca).

## SALES TAXES

Most goods and services in BC are subject to sales tax. This is not generally included in the listed price of goods and services, but will be added at the time of purchase.

## TIPPING

In BC, it is customary to tip between 15% and 20% for excellent service in restaurants and lounges.

## VISITING VANCOUVER?

Tourism Vancouver can be contacted at their Visitors Bureau at 200 Burrard Street just across the street from the Convention Centre (Tel: 604.682.2222).

## LOST AND FOUND

All lost and found articles are cataloged and stored at the Convention Centre for 90 days from the close of the event. After that period, all articles are disposed of at the sole discretion of the Convention Centre. Any inquiries regarding lost and found items should be directed to 604.647.7299.

## KEY TELEPHONE NUMBERS

**GLOBE 2014 Information Line:** 604.695.5001  
**Emergency:** 911

**Convention Centre (VCC) House Phone:** 7500

**First Aid (VCC House Phone):** 7500

**Lost & Found (VCC House Phone):** 7299

**Business Service Centre:** 604.641.1372

**Exposition Office:** 604.633.0703

# SCHEDULE OF EVENTS

## MONDAY, MARCH 24

2:00 PM - 8:00 PM      Registration Open

## TUESDAY, MARCH 25

9:00 AM - 4:00 PM      GLOBE Performance  
Solutions Workshop

8:00 AM - 8:00 PM      Registration Open

7:00 PM - 9:00 PM      Welcome Reception

## WEDNESDAY, MARCH 26

7:30 AM - 5:30 PM      Registration Open

8:30 AM - 10:00 AM      Opening Plenary

10:00 AM - 6:00 PM      Exposition Open

10:00 AM - 10:30 AM      Break

10:30 AM - 11:45 AM      Conference Sessions

11:45 AM - 12:45 AM      Lunch Break

12:45 PM - 1:45 PM      Conference Sessions

1:45 PM - 2:00 PM      Break

2:00 PM - 3:00 PM      Conference Sessions

3:00 PM - 3:15 PM      Break

3:15 PM - 4:15 PM      Conference Sessions

4:15 PM - 4:30 PM      Break

4:30 PM - 5:30 PM      Conference Sessions

9:00 PM - 11:00 PM      GLOBE After Dark  
Cocktail Reception

## THURSDAY, MARCH 27

7:15 AM - 8:15 AM      Corporate Networking  
Breakfast

7:30 AM - 5:30 PM      Registration Open

8:30 AM - 10:00 AM      Conference Sessions

10:00 AM - 6:00 PM      Exposition Open

10:00 AM - 10:45 AM      Break

10:45 AM - 12:00 PM      Conference Sessions

12:00 PM - 1:30 PM      Lunch Break / Women's  
Networking Luncheon

1:30 PM - 2:30 PM      Conference Sessions

2:30 PM - 2:45 PM      Break

2:45 PM - 3:45 PM      Conference Sessions

3:45 PM - 4:00 PM      Break

4:00 PM - 5:00 PM      Conference Sessions

## FRIDAY, MARCH 28

7:30 AM - 4:00 PM      Registration Open

8:30 AM - 9:45 AM      Conference Sessions

9:45 AM - 10:15 AM      Break

10:00 AM - 5:00 PM      Exposition Open

10:15 AM - 11:15 AM      Conference Sessions

11:15 AM - 11:30 AM      Break

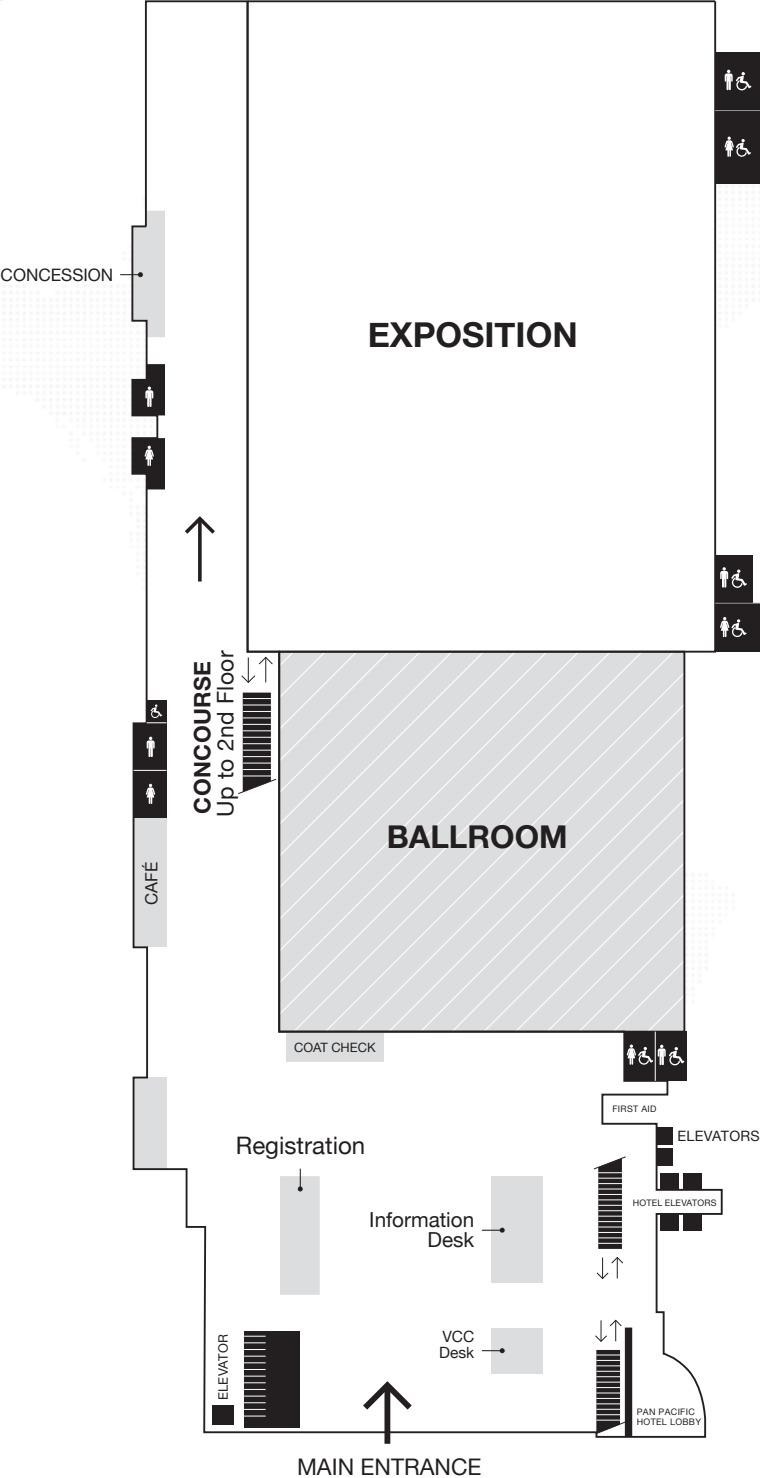
11:30 AM - 12:30 PM      Town Hall

12:30 PM - 2:00 PM      GLOBE Awards  
Ceremony & Luncheon

2:00 PM - 3:30 PM      Conference Sessions

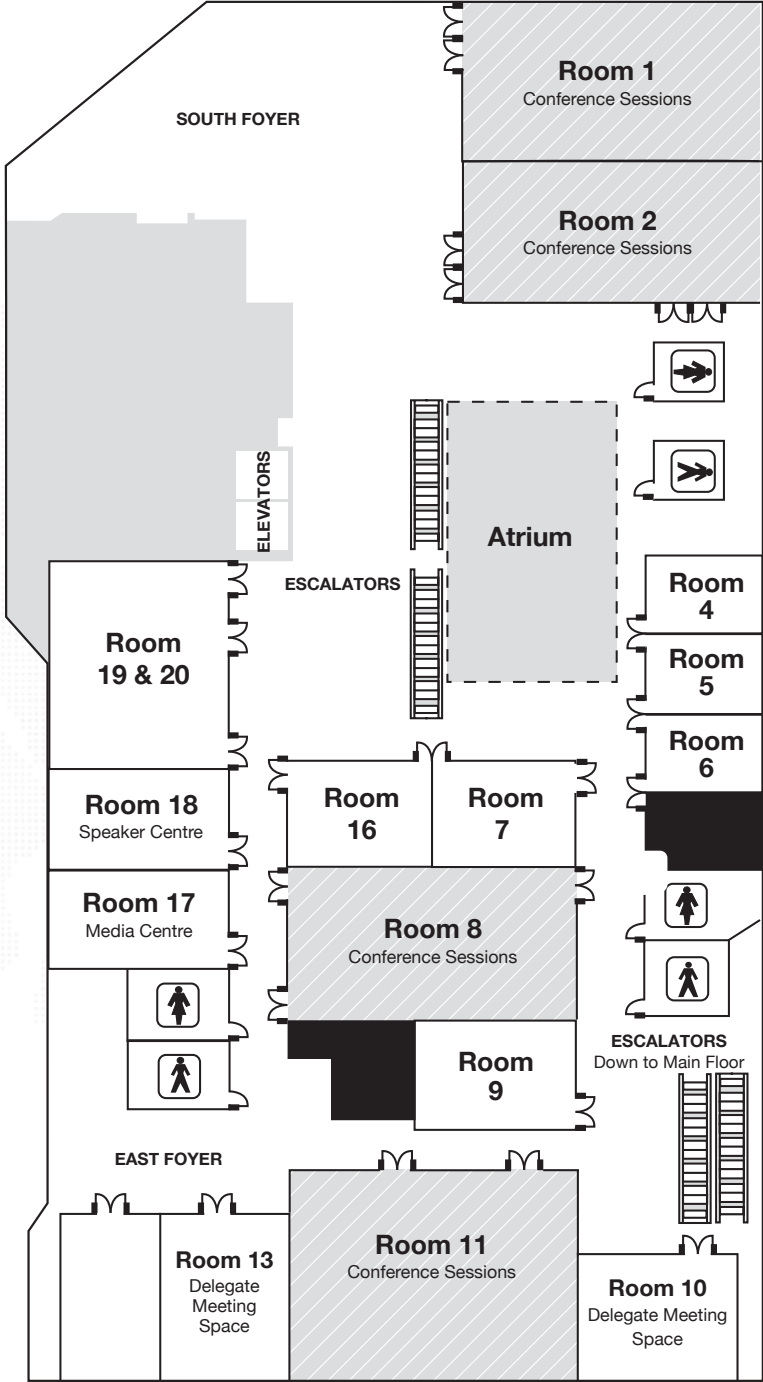
# MAP – CONVENTION LEVEL

(MAIN FLOOR)



# MAP – MEETING ROOM LEVEL

(2<sup>ND</sup> FLOOR)





# NETWORKING OPPORTUNITIES

See what happens when business and social collide. Here's your chance to let your hair down and meet fellow delegates over drinks, dessert, and music nightly. Build your business and social networks, exchange views, and fill your fun quota.

## WELCOME RECEPTION

Tuesday, March 25  
7:00 PM – 9:00 PM

### 📍 Fairmont Waterfront Hotel Ballroom

GLOBE 2014 kicks off with an evening designed around great food and celebration at the Welcome Reception the evening of Tuesday, March 25. Network with fellow attendees while enjoying hors d'oeuvres inspired by British Columbia's regional cuisine. Share your thoughts, meet leaders of the environmental business community, and celebrate the launch of GLOBE 2014.

## GLOBE AFTER DARK COCKTAIL RECEPTION

Sponsored By:



Wednesday, March 26  
9:00 PM – 11:00 PM

### 📍 Water Street Café

This late evening mixer provides a relaxed social environment where you can continue to meet other delegates, share stories, and make business connections over cocktails. Taking place in Historic Gastown, it's just a 5 minute walk East of the Vancouver Convention Centre. Please wear your delegate badge for entry.

## CORPORATE NETWORKING BREAKFAST

Sponsored By:



Thursday, March 27  
7:15 AM – 8:15 AM

### 📍 Pan Pacific Hotel - Crystal Pavilion (Level L)

Start your day at GLOBE off right with a healthy breakfast and lively discussion on the future of sustainability. This complimentary breakfast is open to all registered delegates on a first-come, first-serve basis.

## WOMEN'S NETWORKING LUNCHEON

Thursday, March 27  
12:00 PM – 1:30 PM

### 📍 Pan Pacific Hotel - Crystal Pavilion (Level L)

Join fellow conference delegates for an interactive luncheon with a panel of influential women as they share their perspectives on sustainability. A full house every time!



**Dayna Baumeister**, Co-Founder,  
**Biomimicry 3.8, USA**



**Dianne Dillon-Ridgley**, Director,  
**Interface, Inc., USA**



**Arlene Strom**,  
Vice President Sustainability & Communications,  
**Suncor Energy Inc., Canada**



**Barbara Turley-McIntyre**,  
Senior Director, Sustainability & Citizenship,  
**The Co-operators Group Ltd., Canada**

**Note:** Seating is limited and the event frequently sells out. Tickets must be purchased for this event and are available at the GLOBE 2014 Registration Desk in the lobby of the Vancouver Convention Centre. They will not be sold at the door.

# NETWORKING OPPORTUNITIES



## GLOBE AWARDS FOR ENVIRONMENTAL EXCELLENCE CEREMONY & LUNCHEON

Friday, March 28, 12:30 PM – 2:00 PM

GLOBE  
AWARDS

📍 Pan Pacific Hotel – Crystal Pavilion (Level L)

Join us for an inspiring luncheon including the presentation of the 12<sup>th</sup> Annual GLOBE Awards for Environmental Excellence. Awards in a number of categories will be presented to extraordinary companies who have managed to strike the balance between economic and environmental performance. **Seating is limited and the event frequently sells out. Tickets must be purchased for this event and are available at the Registration desk. They will not be sold at the door.**



## Hemlock is a sustainable resource.

We give a lot of consideration to the social and environmental impact of our business, and we're honored to be the printer of choice for GLOBE 2014.

Find out how the company Print Action magazine recognized as the Most Environmentally Progressive Printer in Canada 7 years in a row can be your print resource. Contact us at 800.663.2456 or [hemlock.com](http://hemlock.com)

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# THE GLOBE 2014 EXPOSITION: A GLOBAL MARKETPLACE OF ENVIRONMENTAL INNOVATION

The GLOBE 2014 Exposition features leading-edge products, technologies and services, corporate showcases, and international pavilions highlighting the very best solutions to the world's environmental challenges in three critical areas:



**ENERGY**



**GREEN BUILDING &  
SUSTAINABLE CITIES**



**WATER**

Discover and explore the latest in clean technologies and advanced environmental solutions presented by over 300 exhibitors from North America, Latin America, Europe, the Middle East, and Asia. Take in specialty showcases, workshops, and special presentations. Visit our international pavilions where you'll meet global exhibitors and learn about business opportunities abroad.

## EXPOSITION HOURS:

Wednesday, March 26	10:00 AM – 6:00 PM
Thursday, March 27	10:00 AM – 6:00 PM
Friday, March 28	10:00 AM – 5:00 PM

## LOCATION:

📍 Exhibit Halls, Convention Level

A huge thanks to the following individuals who graciously sponsored student delegates, enabling them to participate in GLOBE 2014:

**Bob Mitchell**, Senior Director, Oil Sands  
Business Unit, **ConocoPhillips Canada**

**Paul Antle**, President & CEO,  
**Phase Separation Solutions, Canada**

**Jim Burpee**, President & CEO,  
**Canadian Electricity Association**

**James Gray-Donald**, Vice President,  
Sustainability, **Bentall Kennedy, Canada**

**Doug Hietkamp**, Director of  
Sustainable Development, **Teknion, Canada**

**Gregory Aliff**, Vice Chairman & Senior  
Partner, Energy and Resources, **Deloitte LLP, USA**

**Donald Bubar**, President & CEO,  
**Avalon Rare Metals Inc., Canada**

**Ana Dominguez**, Executive Director  
& General Manager, **SC Johnson Canada**

**Tim Brown**, CEO, **Nestle  
Waters North America, USA**



## FIND EXHIBITORS AND PAVILIONS FROM THESE COUNTRIES:

- » Austria
- » Canada
- » China
- » France
- » Japan
- » Malaysia
- » Mexico
- » Netherlands
- » Poland
- » Switzerland
- » United Arab Emirates
- » United Kingdom
- » USA
- » Venezuela

Pick up an Exposition Directory to help you make the most of your time in the Exposition! Find exhibitor profiles, the Exposition floorplan, workshop and presentation schedules, and much more.

### ATTENTION INVESTORS AND FINANCIERS

New to GLOBE 2014 are the PowerHaus Pavilions, located in the Exposition, featuring some of the most promising emerging clean technologies and innovations from across Canada.

These burgeoning businesses are seeking investment, mentorship, business collaborations, and more.

 Take in Power Pitch Presentations occurring regularly throughout each day of GLOBE in the "Presentation Theatre" area on the Exposition Floor.

### HUNGRY? GRAB A BITE TO EAT IN THE EXPOSITION

It's unusual for a convention centre to offer five-star catering, but at the Vancouver Convention Centre, preparing first-class cuisine is simply second nature. Visit the fully-licensed Food Area in the Exposition to purchase a meal or beverage of your choice and keep right on networking with other GLOBE 2014 participants.

## PRESENTATION THEATRE WORKSHOPS

### TAX INCENTIVE PROGRAMS FOR CANADIAN RENEWABLE ENERGY COMPANIES

🕒 Wednesday, March 26, 10:00 AM – 11:00 AM

### FUNDING THE GROWTH OF CLEAN TECHNOLOGY: ACCESSING PUBLIC EQUITY CAPITAL IN CANADA

🕒 Wednesday, March 26, 11:00 AM – 12:00 PM

🕒 Thursday, March 27, 11:00 AM – 12:00 PM

### GREEN CAPITAL, A MUST FOR THE BIO-ECONOMY!

🕒 Thursday, March 27, 10:00 AM – 10:30 AM

### GLOBAL CLUSTER DEVELOPMENT & GROWTH OF THE CLEANTECH MARKETPLACE IN ASIA

🕒 Thursday, March 27, 12:00 PM – 1:00 PM

### USING PATENT INFORMATION TO HELP WITH BUSINESS AND POLICY DECISIONS

🕒 Friday, March 28, 10:00 AM – 11:00 AM

# PROGRAM AT-A-GLANCE\*

\* PROGRAM SCHEDULE IS SUBJECT TO CHANGE. PLEASE CHECK THE GLOBE 2014 WEBSITE FOR THE LATEST VERSION.

## WEDNESDAY, MARCH 26

8:30–10:00	Opening Plenary and Creating Chemistry for a Sustainable Future ♡ Ballroom   P. 13		
10:00–10:30	BREAK		
10:30–11:45	From the Inside Out: Transformational Company Best Practices ♡ Room: 1   P. 14	Clean Energy Trends – What's Driving the Industry Forward? ♡ Ballroom   P. 14	Regenerative Design for High-Performance, Net Positive Communities
11:45–12:45	BREAK		
12:45–1:45	Striving for Carbon Neutral Cities: What Will it Take ♡ Room: 11   P. 16	Climate Action: Delay is not an Option ♡ Ballroom   P. 17	Securing the Aboriginal Advantage
1:45–2:00	BREAK		
2:00–3:00	Clean Capitalism Armchair ♡ Ballroom   P. 18		
3:00–3:15	BREAK		
3:15–4:15	Next Generation Cities: Smarter, Faster, Better ♡ Ballroom   P. 21	Following the Money Trail: Liquid Capital in the Cleantech Sector ♡ Room: 2   P. 19	Private Public Policy for a Sustainable Economy
4:15–4:30	BREAK		
4:30–5:30	Reinventing Fire Keynote ♡ Ballroom   P. 22	SPARK TALKS: Food System Solutions ♡ Room: 11   P. 22	Leveraging the Power of Money to Create a More Responsible World

## THURSDAY, MARCH 27

8:30–10:00	The Sharing Economy: Capitalizing on a Powerful New Sustainable Business Model ♡ Room: 2   P. 27	Energy on the Move ♡ Room: 8   P. 27	Urban Adaptation: Planning for the Climate Realities of Today & Tomorrow
10:00–10:45	BREAK		
10:45–12:00	The Infrastructure Deficit – A Problem or an Opportunity? ♡ Room: 8   P. 30	A New Era for Business: Emerging Drivers of the Circular Economy ♡ Ballroom   P. 31	Utilities of the Future: New Hope, New Business Models
12:00–1:30	BREAK / WOMEN'S NETWORKING LUNCHEON ♡ Pan Pacific Hotel – Crystal Pavilion (Level L)   P.32		
1:30–2:30	Natural Capital: Paying for What We Take From Nature ♡ Ballroom   P. 33	Canada's Oil Sands: Technology & Collaboration ♡ Room: 8   P. 34	Financial Markets & the Move Towards Responsible Capital Management
2:30–2:45	BREAK		
2:45–3:45	SPARK TALKS: Sustainable Design ♡ Room: 11   P. 38	Special Session: Canada's Energy Strategy ♡ Ballroom   P. 37	Food and Water Security in a Changing World
3:45–4:00	BREAK		
4:00–5:00	Carbon Recycling: Turning Carbon from a Waste into an Asset ♡ Room: 2   P. 39	Scaling Up Waste-to-Profit Strategies: New Tools & Best Practices ♡ Room: 11   P. 40	Natural Gas – The Transition Fuel

## FRIDAY, MARCH 28

8:30–9:45	The Global Energy Mix: Opportunities and Realities ♡ Ballroom   P. 43	Resilient Cities Don't Just Happen: Embracing Global Best Practices ♡ Room: 8   P. 43	Green is the New Black: The Growing Role of the C-Suite in Sustainability
9:45–10:15	BREAK		
10:15–11:15	Spotlight on Dubai ♡ Ballroom   P. 45	Food, Water & Energy: The Next Green Revolution ♡ Room: 8   P. 44	SPARK TALKS : Green Economy & Sustainability
11:15–11:30	BREAK		
11:30–12:30	Town Hall – The Long View: Casting Forward on the Next Quarter Century ♡ Ballroom   P. 47		
12:30–2:00	GLOBE AWARDS FOR ENVIRONMENTAL EXCELLENCE CEREMONY & LUNCHEON ♡ Pan Pacific Hotel – Crystal Pavilion		
2:00–3:30	From Innovation to Market – The Business of Acceleration and Path Finding ♡ Room: 2   P. 49	National Zero Waste Council – Advancing a Waste Prevention and Reduction Agenda in Canada	



WEDNESDAY, MARCH 26			
Opening Plenary and Creating Chemistry for a Sustainable Future 📍 Ballroom   P. 13			8:30–10:00
BREAK			10:00–10:30
📍 Room: 2   P. 15	Earning the Social License to Operate 📍 Room: 8   P. 15	Managing Extreme Weather and Risks in Canada 📍 Room: 11   P. 16	10:30–11:45
BREAK			11:45–12:45
📍 Room: 8   P. 17			12:45–1:45
BREAK			1:45–2:00
Clean Capitalism Armchair 📍 Ballroom   P. 18			2:00–3:00
BREAK			3:00–3:15
📍 Room: 11   P. 21	Commodities & Corridors: Integrating Aboriginal Interests 📍 Room: 8   P. 21		3:15–4:15
BREAK			4:15–4:30
📍 Room: 2   P. 23			4:30–5:30
THURSDAY, MARCH 27			
📍 Room: 11   P. 28	Architects of a Better World: Corporate Responsibility in a New Age of Transparency 📍 Ballroom   P. 29	Evolution or Revolution: Innovation in Sustainable Finance 📍 Room: 1   P. 28	8:30–10:00
BREAK			10:00–10:45
📍 Room: 2   P. 31	The Changing Regulatory Landscape: Catalyzing Business in the 21 <sup>st</sup> Century 📍 Room: 11   P. 30	Beyond 2020: Preparing the Next Generation of Environmental Leaders 📍 Room: 1   P. 32	10:45–12:00
BREAK / WOMEN'S NETWORKING LUNCHEON 📍 Pan Pacific Hotel – Crystal Pavilion (Level L)   P.32			12:00–1:30
📍 Room: 2   P. 36	Leading by Example – WWF City Challenge Success Stories 📍 Room: 11   P. 33		1:30–2:30
BREAK			2:30–2:45
📍 Room: 8   P. 36	Mines of the Future 📍 Room: 2   P.39	Prioritizing Investments for Sustainable Infrastructure Projects (Workshop runs until 5:30 PM) 📍 Room: 10   P. 39	2:45–3:45
BREAK			3:45–4:00
📍 Room: 1   P. 41	The Business of Water 📍 Room: 8   P. 41		4:00–5:00
FRIDAY, MARCH 28			
📍 Room: 11   P. 44	Spotlight on China: Our Shared Future 📍 Room: 1   P. 42		8:30–9:45
			9:45–10:15
📍 Room: 11   P. 46			10:15–11:15
BREAK			11:15–11:30
Town Hall – The Long View: Casting Forward on the Next Quarter Century 📍 Ballroom   P. 47			11:30–12:30
(Level L)   P.47	GLOBE AWARDS FOR ENVIRONMENTAL EXCELLENCE CEREMONY & LUNCHEON		12:30–2:00
📍 Room: 11   P. 48	Embedding Sustainability in Company Culture: Learning From Research and Practice	📍 Room: 8   P. 49	2:00–3:30

8:30 AM – 10:00 AM 📍 Ballroom

# OPENING PLENARY

## EMBRACING A GREENER GLOBAL ECONOMY

GLOBE 2014 is all about the future, a future that is full of promise and opportunities, but also full of challenges that require new ways of thinking and doing business. How can technology, innovation, and collaboration be applied in order to address today's challenges and accelerate climate action? How can trade between business, communities, and nations help to facilitate more prosperous local and global green economies? The GLOBE 2014 Opening Plenary will set the stage for all that will follow over the next three days. But it will also set each and every one of us on a new path to a better tomorrow, a tomorrow that we can fashion from what we will learn together today.

### WELCOMING REMARKS:



**Hon. Christy Clark**, Premier, *Province of British Columbia, Canada*

### KEYNOTE PRESENTATIONS:



**Jim Balsillie**,  
Chair of the Board, **Sustainable  
Development Technology  
Canada (SDTC)**



**Lord Ian  
Livingston**,  
Minister of State, **UK Department  
of Trade & Investment**

## CREATING CHEMISTRY FOR A SUSTAINABLE FUTURE

The need to feed, power, house, move, and enhance the quality of life of a world community headed toward 9 billion people will define the marketplace of the future. Hear BASF Corporation CEO Hans Engel's perspectives on the world's most pressing sustainability challenges and how chemistry and innovation are driving the solutions.

### A ONE-ON-ONE WITH:



**Hans Engel**, Chairman &  
CEO, **BASF Corp.**,  
& Chief Financial Officer, **BASF SE**,  
*USA & Germany*

### INTERVIEW BY:



**Marc Gunther**,  
Editor-at-large,  
**Guardian Sustainable Business**,  
*USA*

🕒 10:00 AM – 10:30 AM

## BREAK

Sponsored By:  **BOEING**

🕒 10:30 AM – 11:45 AM

## FROM THE INSIDE OUT: TRANSFORMATIONAL COMPANY BEST PRACTICES

## 📍 Room: 1

How can we mobilize a global transformation of the business world? What are the leadership attributes necessary to make businesses more effective while accelerating sustainability? By fostering a culture of innovation and collaboration, setting bold agendas, and establishing “buy-in” at all levels, leading companies are forging a breakthrough path to shareholder and societal value creation. This session will explore how and why businesses are pursuing transformational goals from the inside out.



**Coro Strandberg**, Associate, **CBSR**,  
& Principal, **Strandberg Consulting**, Canada (M)



**John D. Coyne**, Vice President, Legal & External  
Affairs & General Counsel, **Unilever Canada Inc.**



**Ana Dominguez**, Executive Director  
& General Manager, **SC Johnson Canada**



**Andrea Goertz**, SVP, Strategic Initiatives,  
Chief Communications & Sustainability Officer,  
**Telus**, Canada



**Charlene Wall-Warren**, Director of  
Sustainability, **BASF North America**, USA

🕒 10:30 AM – 11:45 AM

CLEAN ENERGY TRENDS –  
WHAT'S DRIVING THE INDUSTRY FORWARD?*In Co-operation with Clean Edge*

## 📍 Ballroom

Now in its 13<sup>th</sup> edition, Clean Edge's Clean Energy Trends report is one of the most respected clean energy publications. Based on this year's expanded research, a stellar panel of business and investment innovators will share insights on the current status, trends, and future directions of renewable energy supply and storage, green buildings, energy efficiency, and clean transportation.



**Ron Pernick**, Managing Director &  
Co-Founder, **Clean Edge**, USA (M)



**Marcene Broadwater**, Global Head,  
Strategy & Business Development, **International  
Finance Corporation (IFC)**, USA



**Amory Lovins**, Co-Founder & Chief  
Scientist, **Rocky Mountain Institute**, USA



**Lyndon Rive**, Co-Founder & CEO, **SolarCity**, USA

🕒 10:30 AM – 11:45 AM

## EARNING THE SOCIAL LICENSE TO OPERATE

Sponsored By:



SNC • LAVALIN

📍 Room: 8

National and local governments in many parts of the world are demanding changes in long held relationships between resource developers and host communities. Learn from the successes and failures of companies who are dealing with the new realities of earning the social license to operate.



**Jacques Benoit**, Senior Vice President,  
Environment & Water,  
**SNC-Lavalin Inc.**, *Canada (M)*



**Michael Cleland**, Executive in Residence,  
**Canada West Foundation**



**Wes Cragg**, Professor Emeritus,  
Schulich School of Business, **York University**, *Canada*



**Jamey Fitzgibbon**, Senior Vice  
President, Resource Management, Christina Lake  
& Special Projects, **MEG Energy**, *Canada*



**Steven Hilts**, Director, Environmental  
Legacies, **Teck Resources Ltd.**, *Canada*



**Chris O'Riley**, Executive Vice President  
of Generation, **BC Hydro**, *Canada*

🕒 10:30 AM – 11:45 AM

## REGENERATIVE DESIGN FOR HIGH-PERFORMANCE, NET POSITIVE COMMUNITIES

📍 Room: 2

Regenerative design is a process-oriented approach that uses sustainable systems principles to integrate the needs of society with the power of nature. Hear from those who are using regenerative design and “energy-positive” concepts for developing the high-performance communities of today and tomorrow.



**Douglas MacLeod**, Chair, RAIC Center for  
Architecture, **Athabasca University**, *Canada (M)*



**Peter Busby**, Managing Director,  
**Perkins + Will**, *USA*



**Sadhu Johnston**, Founder & Co-Chair,  
**Urban Sustainability Directors Network** & Deputy  
City Manager, **City of Vancouver**, *Canada*



**Braden Kurczak**, Manager of  
Buildings – Sustainability, **MMM Group  
Limited**, & Associate Manager of Sustainability,  
**Enermodal Engineering**, *Canada*



**Mona Lemoine**, Executive Director,  
**Cascadia Green Building Council**, &  
Vice-President, Education and Events,  
**International Living Future Institute**, *Canada*

🕒 10:30 AM – 11:45 AM

**MANAGING EXTREME WEATHER  
& RISKS IN CANADA**Sponsored By:  **the co-operators**  
A Better Place For You™📍 **Room: 11**

The magnitude and frequency of extreme weather events in North America has grown steadily over the last 15 years, culminating in 2013 with a record natural disaster insurable loss of \$3 billion in Canada alone, due largely to major floods in Calgary and Toronto. To help better prepare for ongoing extreme weather events, this session will address two critical subjects. First, property and casualty insurers will profile the losses they are currently realizing due to extreme weather and the actions that the sector believes must be addressed to sustain an insurable housing market. Second, government leaders will recount their “real world” lessons with recent catastrophic floods, and share broadly applicable lessons that others should embrace to reduce vulnerability to extreme weather.



**Blair Feltmate**, Chair,  
Climate Change Adaptation Project,  
**University of Waterloo, Canada (M)**



**Andre Corbould**, Chief ADM,  
Flood Recovery Task Force, **Government  
of Alberta, Canada**



**Mary Lou O'Reilly**, SVP, Issues Management &  
Communications, **Insurance Bureau of Canada, Canada**



**Robert Wesseling**, EVP, **The Co-operators  
Group Ltd., & Product & COO, The Sovereign  
General Insurance Company, Canada**

🕒 12:45 PM – 1:45 PM

**STRIVING FOR CARBON NEUTRAL  
CITIES: WHAT WILL IT TAKE**📍 **Room: 11**

Many cities in North America have committed to an 80 per cent carbon reduction by 2050. Other cities around the world are working to lower their carbon footprint by promoting high-performance building construction and best practices that favour more energy efficient operations. This session will shed new light on the efforts of those striving to develop carbon neutral cities.



**Helen Goodland**, Principal,  
**Brantwood Consulting, Canada (M)**



**Jørgen Abildgaard**, Executive Climate  
Project Director, **City of Copenhagen, Denmark**



**Johanna Partin**, North America Regional  
Director, **C40 Cities Climate Leadership Group, USA**



**Gregor Robertson**, Mayor,  
**City of Vancouver, Canada**



**Stephan Tanner**, Principal,  
**Intep Integrated Planning LLC, USA**



🕒 12:45 PM – 1:45 PM

## CLIMATE ACTION: DELAY IS NOT AN OPTION

## 📍 Ballroom

The impacts of global warming and the consequences of failing to adapt to these realities are well documented. But many governments and businesses are still slow to act. Industry leaders and climate change experts will lay it on the line. Act now or pay the price tomorrow.



**James Tansey**, Executive Director of  
ISIS, Sauder School of Business,  
University of British Columbia, &  
CEO, Offsetters, Canada (M)



**Isabel Studer**, Founding Director,  
Global Institute for Sustainability, EGADE Business  
School – Tecnológico de Monterrey, Mexico



**Dirk Forrister**, President & CEO, International  
Emissions Trading Association (IETA), Switzerland



**Scott Vaughan**, President & CEO, International  
Institute for Sustainable Development, Canada



**Janet Peace**, Vice President, Markets  
and Business Strategy, Center for Climate  
and Energy Solutions, USA

🕒 12:45 PM – 1:45 PM

## SECURING THE ABORIGINAL ADVANTAGE

## 📍 Room: 8

Securing the social license to operate in areas where Aboriginal interests exist requires not only a totally different engagement approach, but also a fundamental rethink about doing business with Aboriginal partners. Engage with those who are at the forefront of this new reality.



**Piers McDonald**, Chair, Yukon  
Energy Corporation, Canada (M)



**Jean Paul Gladu**, President & CEO,  
Canadian Council for Aboriginal Business



**Colleen Nyce**, Manager, Corporate Affairs &  
Community Relations, Rio Tinto Alcan, Canada



**Judith Sayers**, Visiting National Aboriginal  
Economic Development Chair & Assistant  
Professor, University of Victoria, Canada

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2:00 PM – 3:00 PM Ballroom

## CLEAN CAPITALISM ARMCHAIR:



**Robert F. Kennedy, Jr.,**  
President, **Waterkeeper Alliance**, & Venture Partner & Senior Advisor, **Vantage Point Capital, USA**



**Wal van Lierop,**  
Co-Founder, President & CEO, **Chrysalix Energy Venture Capital, Canada**

## INNOVATION AND THE CLEAN TECHNOLOGY FUTURE

Clean energy technology holds the promise for a more sustainable, less carbon intensive economic future. But policies and programs to stimulate investment in such technologies and to promote their wider deployment need to be expanded.

Robert F. Kennedy Jr., an internationally recognized environmentalist, has long championed the need for changes in public policy that would enhance clean technology investment, arguing that market security is crucial for sustained growth in the renewable energy and clean technology sectors.

As a Venture Partner and Senior Advisor in one of North America's largest venture capital companies, he has been investing in clean technology startups for over two decades.

Wal van Lierop, Co-Founder, President and CEO of Chrysalix Energy Venture Capital, shares Robert Kennedy's passion for clean energy. Wal is an energy and technology investment veteran, having seen the world of energy and the environment from many angles. He has been a university professor, international management consultant with McKinsey & Company, the Vice President of Strategy for one of Canada's largest energy companies (Westcoast Energy), and now as a VC focused purely on clean energy investments. He sits on several clean energy and venture capital fund boards and has been recognized as one of Canada's 2014 Clean16, a prestigious group of individuals advancing the cause of sustainability and clean capitalism.

These two visionaries will share the stage at GLOBE 2014 at a special discussion on innovation and the future of clean technology.

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 **GLOBE**  
GROUP

DAY 1

# WEDNESDAY, MARCH 26

🕒 3:15 PM – 4:15 PM

## FOLLOWING THE MONEY TRAIL: LIQUID CAPITAL IN THE CLEANTECH SECTOR

📍 Room: 2

The cleantech sector, once seen as the savior of a troubled global economy, is feeling the impacts of increasingly risk averse financial markets. What must cleantech companies do to find new sources of funding? Listen as investors from the global financial community discuss the cleantech money trail and where they see liquid capital flowing over the near term.



**Nicholas Parker**, Managing Partner,  
**Global Acceleration Partners**, *Canada (M)*



**Keith Gillard**, General Partner,  
**Pangaea Ventures Ltd.**, *Canada*



**Michael Kousaie**, Head, Business  
Development, Renewable Energy and Clean  
Technology, **TMX Group**, *Canada*



**Vicky Sharpe**, President & CEO,  
**Sustainable Development Technology Canada**



**Tony Van Bommel**, Senior  
Managing Partner, Energy & Cleantech Venture  
Fund, **BDC Venture Capital**, *Canada*

# WHERE ENERGY MEETS TODAY

**We're ensuring that our renewable energy future starts now.**

By investing in renewable energy today we're contributing to a brighter tomorrow for everyone. Our Sarnia Solar Project has helped us become Canada's largest generator of solar energy, adding 80 megawatts of capacity to Ontario's electricity grid—enough to power about 12,800 homes. Investments like this are good for business and help us achieve a neutral environmental footprint.

Enbridge delivers more than the energy you count on. We deliver on our promise to help make communities better places to live. It's part of the reason we were named one of the Global 100 Most Sustainable Corporations in the World.

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Come and see [whatyescando.com](http://whatyescando.com)





## WEDNESDAY, MARCH 26

🕒 3:15 PM – 4:15 PM

## PRIVATE PUBLIC POLICY FOR A SUSTAINABLE ECONOMY

📍 Room: 11

Climate-related risks and sustainability issues are becoming increasingly important for today's business. Can companies and governments work together to develop policies that tackle these growing challenges? Hear from government leaders and executives from some of Canada's largest companies as they discuss the actions they are taking to grow a new class of clean capitalism.



**Toby Heaps**, Co-Founder & President,  
**Corporate Knights Inc.**, *Canada (M)*



**Kathy Bardswick**, President & CEO,  
**The Co-operators Group Limited**, *Canada*



**Jennifer Keesmaat**, Chief Planner &  
Executive Director, **City of Toronto**, *Canada*



**David Labistour**, CEO,  
**Mountain Equipment Co-op**, *Canada*



**Daniel F. Muzyka**, President & CEO,  
**The Conference Board of Canada**

🕒 3:15 PM – 4:15 PM

## COMMODITIES &amp; CORRIDORS: INTEGRATING ABORIGINAL INTERESTS

📍 Room: 8

One of the more challenging issues resource development proponents face is ensuring that the economic, social, and environmental interests of First Nation and Metis communities are integral to any new infrastructure. This special session explores go-forward agreements that meet both Aboriginal and business expectations that have the potential to fuel economic prosperity – the cornerstone of nation building.



**Chris Henderson**, President,  
**Lumos Energy**, & Founder,  
**Delphi Group**, *Canada (M)*



**Donald Bubar**, President & CEO,  
**Avalon Rare Metals Inc.**, *Canada*



**Douglas Eyford**, Lawyer, **Eyford Macaulay Shaw & Padmanabhan LLP**, *Canada*



**Byron LeClair**, Director of Energy Projects,  
**Pic River First Nation**, *Canada*



**Jody Wilson-Raybould**, Regional  
Chief, **BC–Assembly of First Nations**, *Canada*

🕒 3:15 PM – 4:15 PM

## NEXT GENERATION CITIES: SMARTER, FASTER, BETTER

📍 Ballroom

Information and communication technologies are fuelling the urban revolution in how people live, work, and enjoy life in today's society. What will cities of the future look like? Be inspired by the visionaries that are spearheading the next-generation approach to running cities.



**Jesse Berst**, Chairman,  
**Smart Cities Council**, *USA (M)*



**Wim Elfrink**, Executive Vice President,  
Industry Solutions & Chief Globalisation  
Officer, **Cisco Systems Inc.**, *USA*



**Dianne Watts**, Mayor,  
**City of Surrey**, *Canada*



🕒 4:30 PM – 5:30 PM 📍 Room: 11

**SPARK TALKS: FOOD SYSTEM SOLUTIONS**

SPARK Talks are designed to “inspire ideas in 18 minutes or less”, where individual personalities will present on specific topics using slides or background settings applying the celebrated “TED” style format.

**URBAN AGRICULTURE 2.0:  
THE VERTICLE FARM SOLUTION**

With a planet on course to a population of 9.6 billion by 2050, our ability to grow food sustainably and at a large-scale will be integral to our global prosperity. Hear from Caleb Harper in this thought-provoking SPARK Talk about how MIT CityFARM is creating the world's first working vertical hydroponic and aeroponic farm, reinventing the future of urban agriculture through cutting-edge engineering, big data, and network connectivity.



**Caleb Harper**, Founder,  
MIT CityFARM, USA

**LEVERAGING THE POWER OF COMMUNITY  
TO SOLVE GLOBAL FOOD ISSUES**

Access to affordable and healthy food is a global issue and the social problems surrounding food security have never been greater. In his SPARK Talk, Mark Brand will share his innovative strategies that are driving solutions to these challenges. From strategic partnerships, to zero waste-policies and community integration, hear how Mark's food-based business models are impacting the relationship between urban living and food security.



**Mark Brand**, CEO, Save on Meats, &  
Founder, A Better Life Foundation, Canada

🕒 4:30 PM – 5:30 PM

**REINVENTING FIRE**

📍 Ballroom

Digging up and burning fossil fuels has transformed human existence and made industrial and urban civilization possible. However, fossil fuels are not necessarily the only, best, or even the cheapest way to sustain and expand the global economy. In this special keynote, Amory Lovins, Co-Founder and Chief Scientist at Rocky Mountain Institute, will share insights from his Reinventing Fire research that maps out pathways for a strong global economy without the need for oil, coal, or nuclear energy.



**Amory Lovins**,  
Co-Founder & Chief Scientist, Rocky Mountain Institute, USA

Amory Lovins, a consultant physicist, is among the world's leading innovators in energy. With 31 books and hundreds of papers to his credit, Time named him one of the world's most influential people in 2009.

DAY 1

# WEDNESDAY, MARCH 26

🕒 4:30 PM – 5:30 PM

## LEVERAGING THE POWER OF MONEY TO CREATE A MORE RESPONSIBLE WORLD

📍 Room: 2

Increasingly, investors are not just looking for high financial yields, but also superior environmental, social, and governance (ESG) related performance and risk-adjusted returns. How are mutual funds, REITs, and other investment vehicles reducing financial risks, as well as engaging corporations and the global investment community, in order to create change in the marketplace? What sustainability-related criteria are institutional investors and others using? Hear from leading investors about how they are leveraging the power of money in order to create a more environmentally and socially responsible world.



**Sandra Odendahl**, Director,  
Corporate Sustainability & Head,  
Social Finance Initiative, **RBC**, *Canada (M)*



**Joel Solomon**, Chairman, **Renewal Funds**,  
*Canada*



**Bob Walker**, Vice President, ESG Services,  
**NEI Investments**, *Canada*



**Jeffrey Eckel**, President & CEO, **Hannon  
Armstrong Sustainable Infrastructure**, *USA*



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DAY 1

# WEDNESDAY, MARCH 26

🕒 9:00 PM – 11:00 PM

## GLOBE AFTER DARK COCKTAIL RECEPTION

Sponsored By: 

📍 Water Street Café

This late evening mixer provides a relaxed social environment where you can continue to meet other delegates, share stories, and make business connections over cocktails. Taking place in Historic Gastown, it's just a 5 minute walk East of the Vancouver Convention Centre. Please wear your delegate badge for entry.

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7:15 AM – 8:15 AM

## CORPORATE NETWORKING BREAKFAST

Sponsored By:



📍 *Pan Pacific Hotel - Crystal Pavilion (Level L)*

Open to registered conference delegates only.

Join fellow delegates for an informal breakfast and lively discussion on a variety of sustainability topics. Each table is assigned a topic, and moderators will be on hand to guide the discussions. This complimentary breakfast is open to all delegates on a first-come, first-serve basis. If you're late, you may not get a seat!

## TABLE HOSTS AND TOPICS:

- |         |  |
|---------|--|
| Table 1 | <b>Todd Scaletta</b> , Principal, Sustainability and Innovation, Research, Guidance and Support,<br><b>Chartered Professional Accountants Canada</b><br><b>Topic: In Order to Effectively Manage Natural Capital is it Necessary to Monetize This Form of Capital?</b>   |
| Table 2 | <b>Jessica Fries</b> , Executive Chairman, <b>The Prince's Accounting for Sustainability Project (A4S)</b> , <i>United Kingdom</i><br><b>Topic: Is it of Greater Value for Organizations to Invest in Climate Change Adaptation or Climate Change Mitigation?</b>        |
| Table 3 | <b>Pam Campagnoni</b> , Principal Research, Guidance and Support, <b>Chartered Professional Accountants Canada</b><br><b>Topic: How Can Companies Ensure That Their Reporting Approach is Focused on Improving Their Outreach and Sustainability Program Management?</b> |
| Table 4 | <b>Bruce Dudley</b> , Senior Vice President, <b>Delphi Group</b> , <i>Canada</i><br><b>Topic: Is Sustainability Relevant to Your Organization's Innovation Agenda? Meet Sustainability.</b>  |
| Table 5 | <b>Jeff Golfman</b> , President and CEO, <b>Prairie Paper Ventures Inc.</b> , <i>Canada</i><br><b>Topic: Follow Your Passion: The 10 Keys to Eco-entrepreneurship Success</b>  |
| Table 6 | <b>Imad Hamad</b> , CEO & President, <b>RER Hydro Ltd.</b> , <i>Canada</i><br><b>Topic: The New Era of Sustainable Energy: Hydrokinetics</b>   |
| Table 7 | <b>Lykke Leonardsen</b> , Head of Strategy & Authority, <b>City of Copenhagen</b> , <i>Denmark</i><br><b>Topic: Implementation of Climate Adaption Initiatives – Experiences From Copenhagen</b>   |
| Table 8 | <b>Elee Muslin</b> , Technical Advisor, Canadian Climate Fund for Private Sector in the Americas,<br><b>IDB</b> , <i>USA</i><br><b>Topic: Financing Your Project in Emerging Markets/Latin America</b>   |

🕒 7:15 AM – 8:15 AM

**CORPORATE NETWORKING BREAKFAST CONT.**

- Table 9** **Brent Gilmour**, Executive Director, **QUEST**, *Canada*  
**Topic: The Role of Communities in Meeting Energy and Climate Challenges**
- Table 10** **Patrycja Drainville**, Corporate Responsibility Analyst, **Cenovus**, *Canada*  
**Topic: Sustainability Integration: What are the Next Steps to Make it Business as Usual?**
- Table 11** **Nadine Gudz**, Director, Sustainability Strategy, **Interface Canada, Inc.**  
**Topic: Engaging the Next Generation of Radical Industrialists**
- Table 12** **Susan Sheehan**, Founder, **Leapfrog Business Sustainability & Getcleantech.com**  
**Topic: CEOs and the C-Suite – What do WE Know That THEY Don't Know? And What do we do to Change That?**
- Table 13** **Prit Kotecha**, Director, Environmental Excellence and Climate Change, **Suncor Energy Inc.**, *Canada*  
**Topic: Sustainability Decision-Making; Resolving the Energy–Water Nexus in Extractive Industries**
- Table 14** **Christina Seidel**, Board Director, **NZWC**; Executive Director, **Recycling Council of Alberta**; & Secretariat, **National Zero Waste Council**, *Canada*  
**Topic: The National Zero Waste Council – Get Engaged**
- Table 15** **Richard Kouwenhoven**, President and General Manager, **Hemlock Printers**, *Canada*  
**Topic: Supply Chains: How Can the Transparent Supply Chain Become a Competitive Advantage?**
- Table 16** **Linda Coady**, Chief Sustainability Officer, **Enbridge Inc.**, *Canada*  
**Topic: Bridging the Divide: Connecting Sustainability Reporting, Performance and Strategy**
- Table 17** **Todd Latham**, Publisher, **Water Canada**, & Founder / Publisher, **ReNew Canada**  
**Topic: What is the Value of Water?**



🕒 8:30 AM – 10:00 AM

## THE SHARING ECONOMY: CAPITALIZING ON A POWERFUL NEW SUSTAINABLE BUSINESS MODEL

📍 Room: 2

The “collaborative” or “sharing” economy is a disruptive new business model where information technology and social media is used to sell, share, trade, rent, or borrow unused assets. Collectively, these activities earn extra income, save money, and use resources more efficiently. Learn from the early pioneers in the sharing economy how you can capitalize on this powerful new business model.



**David Van Seters**, President,  
**Sustainability Ventures**, *Canada (M)*



**John Atcheson**, Founder & CEO,  
**Stuffstr**, *USA*



**Chris Diplock**, Lead Researcher,  
**Collective Research Group**, *Canada*



**Daryl Hatton**, Founder &  
CEO, **FundRazr.com**, *Canada*

**Peter Ormesher**, Chief Financial  
Officer, **Zipments**, *Canada*

🕒 8:30 AM – 10:00 AM

## ENERGY ON THE MOVE

📍 Room: 8

Energy transportation, whether by pipeline, rail, or ship has become a major source of public concern. Safety, environmental, and health-related issues are being addressed, but more must be done to build public confidence. The volume of energy-related products on the move is expected to grow substantially. Hear from the world's largest energy suppliers and transporters about the future of energy on the move.



**Velma McColl**, Principal, **Earnscliffe Strategy Group**, *Canada (M)*



**Janet Holder**, Executive Vice President  
Western Access, **Enbridge Inc.**, *Canada*



**Preston Manning**, President & CEO,  
**Manning Centre**, *Canada*



**David Parker**, Vice President,  
Pipelines, **SNC-Lavalin Inc.**, *Canada*



**Normand Pellerin**, Assistant Vice President,  
Environment & Sustainability, **CN**, *Canada*

🕒 8:30 AM – 10:00 AM

**URBAN ADAPTATION: PLANNING FOR THE CLIMATE REALITIES OF TODAY & TOMORROW***In Co-operation with Metro Vancouver*

📍 Room: 11

Major cities and communities around the world are feeling the growing economic and social impacts from climate change. Longer-term, rising sea levels, and other climate-related conditions are expected to have potential devastating consequences on many urban centres. These tangible and painful realities have sparked a new emphasis on contingency planning and climate adaptation measures. Find out how leaders from cities around the world are preparing for, and responding to, the devastating realities of climate-related disasters through innovative urban adaptation planning initiatives.



**Andrea Reimer**, Director, **Metro Vancouver**,  
& City Councillor, **City of Vancouver**, *Canada (M)*



**Lykke Leonardsen**, Head of Climate Unit,  
**City of Copenhagen**, *Denmark*



**John Englander**, Author,  
“**High Tide on Mainstreet**”, *USA*



**Lars Ostenfeld Riemann**,  
Group Market Director for Buildings &  
Design, **Rambøll Group**, *Denmark*



**Sarwo Handayani**, Deputy Governor for Spatial  
Planning & Environment, **City of Jakarta**, *Indonesia*

🕒 8:30 AM – 10:00 AM

**EVOLUTION OR REVOLUTION: INNOVATION IN SUSTAINABLE FINANCE**

📍 Room: 1

In a world of increasing financial constraints and risks, new innovative financial models such as crowd-sourced funding and green bonds have become increasingly prominent. Other traditional financial tools such as stock and derivatives markets are undergoing significant changes and increasingly are adopting sustainability metrics. Is change happening fast enough? Hear from the innovators who are redefining the global financial markets.

**Neil Philcox**, Co-Founder & Partner,  
**The Blended Capital Group**, *United Kingdom (M)*



**Rod Lever**, Strategic Accounts,  
Cleantech Lead, **Export Development Canada (EDC)**



**Peter Adriaens**, Professor, Ross School of  
Business, **University of Michigan**, & Co-Founder  
& CEO, **KeyStone Compact Group LLC**, *USA*



**Tom Rand**, Managing Partner,  
**MaRS Cleantech Fund**, *Canada*



**David Berliner**, CEO, **CoPower**,  
*Canada*

8:30 AM – 10:00 AM Ballroom

**KEYNOTE: BRINGING SUSTAINABILITY DISCLOSURE INTO FOCUS**

Recent events – the economic recession and resulting Dodd-Frank Act, Hurricane Sandy, worker safety struggles in Bangladesh – all compel business to develop longer-term thinking and business strategies that transcend profit alone. This requires a reexamination of everything from strategic planning and corporate governance, to stakeholder engagement and supply chain management. Find out from GRI Chairman Christianna Wood about why embedding sustainability into core business strategy is no longer a fringe pursuit, and how GRI's G4 Guidelines can help your company stay ahead of the game.



**Christianna Wood**, CEO, **Gore Creek Capital Ltd.**, & Chairman, **Global Reporting Initiative (GRI)**, *USA*

Christianna Wood, former Chair of the International Corporate Governance Network (ICGN), will open with a keynote speech about the drivers of non-financial disclosure, strategic value of sustainability reporting, and why sustainability is a boardroom issue.

**ARCHITECTS OF A BETTER WORLD: CORPORATE RESPONSIBILITY IN A NEW AGE OF TRANSPARENCY**

The United Nations Global Compact, World Business Council for Sustainable Development, GRI, and other like-minded initiatives have teamed-up to drive business engagement on sustainable development worldwide. Highlighting the main building blocks central to effective corporate responsibility commitments and actions, this session will examine how these buildings blocks can be strengthened through a collective effort by business, government, investors, civil society, and consumers. Learn more about this initiative from its pioneers, and see how this work could change how companies do business.



**Christianna Wood**, CEO, **Gore Creek Capital Ltd.**, & Chairman, **Global Reporting Initiative (GRI)**, *USA (M)*



**Anthony Hodge**, President & CEO, **International Council for Mining and Metals (ICMM)**, *United Kingdom*



**Peter Bakker**, CEO, **World Business Council for Sustainable Development (WBCSD)**, *Switzerland*



**Gordon Lambert**, Chair, **Carbon Management Canada**, & Executive Advisor, Sustainability & Innovation, **Suncor Energy Inc.**, *Canada*



**Helle Bank Jørgensen**, CEO, **B Accountability**; UN Special Advisor, **Global Compact in Canada**; & Partner, **World Climate Ltd.**, *Canada*

🕒 10:00 AM – 10:45 AM

## BREAK

Sponsored By:  EDC

🕒 10:45 AM – 12:00 PM

## THE INFRASTRUCTURE DEFICIT – A PROBLEM OR AN OPPORTUNITY?

📍 Room: 8

The costs to replace or revitalize infrastructure is beyond the capacity of many cash-strapped cities. But new investment models could turn the infrastructure deficit into opportunities to create healthier, more climate resilient cities. This session will explore cutting edge financing models and investment tools to enable the widespread scale-up of sustainable infrastructure projects.



**Todd Latham**, Publisher, **Water Canada**,  
& Founder / Publisher, **ReNew Canada (M)**



**Timothy Psomas**, Chair,  
**Institute for Sustainable Infrastructure, USA**



**Peter Halsall**, President & CEO,  
**Canadian Urban Institute**



**John Williams**, Chairman & CEO,  
**Impact Infrastructure LLC, USA**

🕒 10:45 AM – 12:00 PM

THE CHANGING REGULATORY LANDSCAPE: CATALYZING BUSINESS IN THE 21<sup>ST</sup> CENTURY

*In Co-operation with Canadian Energy Pipeline Association (CEPA)*

📍 Room: 11

The private sector plays a crucial role in sustainability; it drives the workforce, fuels innovation, and connects economies. More and more, governments are seeing the benefits of organizations implementing sustainable business strategies and reporting on their impacts. That's why 18,000 companies in the EU may soon be required to disclose sustainability information by the European Commission, and the GSA – the US government's procurement agency – launched an initiative to drive more sustainable supply chain practices by today's leading companies. Better manage your corporate risk and get ahead of the curve by finding out how regulators are mandating corporate transparency – and how companies are responding.



**Simon MacMahon**, Global Director,  
Advisory Services, **Sustainalytics, Canada (M)**



**Mark Pearson**, Director General,  
External Relations, Science & Policy  
Integration, **Natural Resources Canada**



**Yolanda Banks**, Senior Advisor, Corporate  
Social Responsibility, **Export Development Canada**



**Nelson Switzer**, Director & Leader, Sustainable  
Business Solutions, **Pricewaterhouse Coopers Canada**



**Brenda Kenny**, President,  
**Canadian Energy Pipeline Association (CEPA)**



**Nigel Topping**, Executive Director,  
**GDP, United Kingdom**

🕒 10:45 AM – 12:00 PM

**A NEW ERA FOR BUSINESS: EMERGING DRIVERS OF THE CIRCULAR ECONOMY**📍 **Ballroom**

In the face of sharp volatility increases across the global economy and proliferating signs of resource depletion, the call for a new economic model is getting louder. In the quest for a substantial improvement in resource performance across the economy, businesses have embraced innovation as a saviour. This session will explore the “size of the prize” and the strategies businesses are using to practically capture the opportunities. Listen and learn more about the emerging drivers of the circular economy.



**Vanessa Timmer**, Executive Director  
& Co-Founder, **One Earth**, *Canada (M)*



**Cristian Barcan**, Head of S.E.T. &  
Applied Sustainability, **BASF Corp.**, *USA*



**Dayna Baumeister**, Co-Founder,  
**Biomimicry 3.8**, *USA*



**Jamie Butterworth**, Chief Executive,  
**Ellen MacArthur Foundation**, *United Kingdom*



**Peter Laybourn**, Chief Executive,  
**International Synergies**, *United Kingdom*



**Bruce Lourie**, President,  
**Ivey Foundation**, *Canada*

🕒 10:45 AM – 12:00 PM

**UTILITIES OF THE FUTURE:  
NEW HOPE, NEW BUSINESS MODELS**📍 **Room: 2**

The utility sector is facing many challenges that could radically change how the industry develops. Escalating operating expenses, falling or flat energy demand, and growing consumer interest in clean and efficient solutions are forcing utility companies to reassess their strategies and explore new business models. This session provides insights from those who are at the forefront of these changes and will highlight technology trends impacting the market, and showcase how energy users are starting to engage more collaboratively with their energy providers.



**Bryce Yonker**, Director of Business  
Development, **Clean Edge**, *USA (M)*



**Dan Bakal**, Director, Electric  
Power Programs, **Ceres**, *USA*



**Jim Burpee**, President & CEO,  
**Canadian Electricity Association**



**David Heliwell**, CEO, **Pulse Energy**,  
*Canada*



🕒 10:45 AM – 12:00 PM

**BEYOND 2020: PREPARING THE NEXT GENERATION OF ENVIRONMENTAL LEADERS**📍 **Room: 1**

Many companies are dealing with existing talent gaps and projected labour shortages as baby boomers retire and the economy rebounds. This requires recognizing cultural shifts in values and a 'next generation' that is more socially-minded and environmentally conscious. To be successful in attracting and retaining these individuals, companies will need a different approach – one that balances engagement, empowerment, and education around fostering the management and leadership skills necessary to address emerging environmental pressures and solve complex social problems. This session will explore different approaches and perspectives on engaging emerging leaders so that companies can more effectively identify and capitalize on innovative opportunities to keep pace with this new generation of socially-minded consumers and workers.



**Mike Gerbis**, CEO,  
Delphi Group, *Canada (M)*



**Doug Hietkamp**, Director of  
Sustainable Development, **Teknion**, *Canada*



**James Gray-Donald**, Vice President,  
Sustainability, **Bentall Kennedy**, *Canada*



**Gavin Pitchford**, Chief Talent Officer,  
**Delta Management Group**, *Canada*

Two young professionals will also be on this panel, chosen by jury from a group of over 100 attendees of the Emerging Leaders Forum, organized and produced by Leading Change Canada, which took place Tuesday, March 25.

🕒 12:00 PM – 1:30 PM

**THE WOMEN'S NETWORKING LUNCHEON**📍 **Pan Pacific Hotel - Crystal Pavilion (Level L)**

Join fellow delegates in this luncheon focused on the significant opportunity and role women possess in advancing environmental sustainability. With leading influential women sharing their view on, and experiences with, sustainable development in the corporate sector and beyond, this luncheon is an opportunity for delegates to engage with women changemakers, and be empowered to take action on environmental sustainability initiatives within their own organizations.



**Vanessa Timmer**, Executive Director  
& Co-Founder, **One Earth**, *Canada (M)*



**Arlene Strom**, Vice President  
Sustainability & Communications,  
**Suncor Energy Inc.**, *Canada*



**Dayna Baumeister**, Co-Founder,  
**Biomimicry 3.8**, *USA*



**Barbara Turley-McIntyre**,  
Senior Director, Sustainability & Citizenship,  
**The Co-operators Group Ltd.**, *Canada*



**Dianne Dillon-Ridgley**,  
Director, **Interface, Inc** *USA*

## THURSDAY, MARCH 27

🕒 1:30 PM – 2:45 PM

## LEADING BY EXAMPLE – WWF CITY CHALLENGE SUCCESS STORIES

*In Co-operation with WWF*

📍 Room: 11

Cities around the globe recognize the inherent benefits of transitioning toward a sustainable future powered by renewable energy. Despite best intentions and ambitious goals, cities face large challenges and barriers. Five progressive cities, all finalists in WWF's Earth Hour City Challenge, will share their experiences in planning and creating sustainable urban environments. A panel of experts will look at how cities can better overcome barriers, with the help of innovative solutions and effective partnerships.



**Barbara Evaeus**, Manager of Climate Communications, **WWF, Sweden (M)**



**Jørgen Abildgaard**, Executive Climate Project Director, **City of Copenhagen, Denmark**



**Marcio Araujo de Lacerda**, Mayor, **City of Belo Horizonte, Brazil**



**Garreth Bloom**, City Councillor & Member of the Mayoral Committee, **City of Cape Town, South Africa**



**Carina Borgstrom-Hansson**, Director, **WWF Earth Hour City Challenge**

**Kim Hongju**, Deputy Director, Eco-Mileage Team, **Seoul Metropolitan Government, South Korea**



**David Miller**, President & CEO, **WWF Canada**



**Gunnar Söderholm**, Director Environment & Health, **City of Stockholm, Sweden**

🕒 1:30 PM – 2:30 PM

## NATURAL CAPITAL: PAYING FOR WHAT WE TAKE FROM NATURE

📍 Ballroom

“Natural capital” refers to the multiple resources and services that our society and economy draws from nature, some of which we pay for, many of which we don't. With resource and population pressures growing, the role that natural capital plays in our national economies, and how to manage that capital wisely, will be a major preoccupation going forward. This panel will look at the “state of the art” on natural capital: how it is defined, how it gets measured, and how and why it matters to decisions governments, businesses, and individuals make.



**Alex Wood**, Senior Director, Policy and Markets, **Sustainable Prosperity, Canada (M)**



**Peter Bakker**, CEO, **World Business Council for Sustainable Development (WBCSD), Switzerland**



**Nigel Topping**, Executive Director, **CDP, United Kingdom**

🕒 1:30 PM – 2:30 PM

## CANADA'S OIL SANDS: TECHNOLOGY &amp; COLLABORATION

📍 Room: 8

Energy production from Canada's oil sands has been the focal point of much controversy. Often overlooked is the stimulus the oil sands have generated for innovative technologies that lower the carbon intensity of oil production. This session will explore the challenges and opportunities of technologies that could lower the carbon footprint of oil and gas exploration everywhere.



**John Wiebe**, President & CEO,  
**GLOBE Group**, *Canada (M)*



**Harbir Chhina**, Executive Vice President,  
Oil Sands, **Cenovus Energy**, *Canada*



**James Cleland**, Global General  
Manager, Heavy Oil Solutions, **GE**, *Canada*



**Gordon Lambert**, Chair, **Carbon Management  
Canada**, & Executive Advisor, Sustainability &  
Innovation, **Suncor Energy Inc.**, *Canada*



**Dan Wicklum**, Chief Executive, **Canada's  
Oil Sands Innovation Alliance (COSIA)**, *Canada*

Why should the oil sands  
**matter to you?**

**Find out at [More2theStory.com](http://More2theStory.com)**

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ENERGY

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Together we can take action  
against climate change.

**Offsetters is proud to be the Official Sponsor  
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[www.offsetters.ca](http://www.offsetters.ca)

🕒 1:30 PM – 2:30 PM

**FINANCIAL MARKETS & THE MOVE TOWARDS RESPONSIBLE CAPITAL MANAGEMENT**

## 📍 Room: 2

Today stock exchanges on every continent have introduced sustainability listing requirements. This trend is only set to continue. Information about sustainability performance and impacts is not only useful to the organization in question or consumers demanding transparency, it is also vital to meet the demands of markets. Institutional investors use non-financial transparency as a proxy to the long-term viability and profitability of business. Find out how the financial markets are making strides to regulate this practice and how your business can best prepare.



**Susan McGeachie**, Market Leader,  
Climate Change & Sustainability Services,  
**Ernst & Young**, *Canada (M)*



**Desire Carroll**, Senior Technical Manager  
IFRS & Sustainability, **American Institute  
of Certified Public Accountants**, *USA*



**Jennifer Coulson**, Manager, Shareholder  
Engagement, **British Columbia Investment  
Management Corp. (bcIMC)**, *Canada*



**Adam Kanzer**, Managing Director & General  
Counsel, **Domini Social Investments**, *USA*



**Barbara Pomfret**, Senior  
Environmental, Social & Governance (ESG)  
Analyst, **Bloomberg Industries**, *USA*

🕒 2:45 PM – 3:45 PM

**FOOD AND WATER SECURITY IN A CHANGING WORLD**

## 📍 Room: 8

New research has shown that global warming will significantly impact our capacity to grow food and our ability to provide secure access to clean water, the two basics of survival for any society. Changing climate conditions will not only impact businesses dependent on agricultural production and clean water, but also will affect every level of society. Learn why food and water security is not only essential for economic growth and social stability, but also for the continued survival of business.



**Deborah Harford**, Executive Director,  
Adaptation to Climate Change Team,  
**Simon Fraser University**, *Canada (M)*



**Tim Brown**, President & CEO,  
**Nestlé Waters North America**, *USA*



**Marco Ferroni**, Executive Director, **Syngenta  
Foundation for Sustainable Agriculture**, *Switzerland*



**Torgny Holmgren**, Executive Director,  
**Stockholm International Water Institute**, *Sweden*



**Bob Sandford**, EPCOR Chair,  
**Canadian Partnership Initiative**



🕒 2:45 PM – 3:45 PM 📍 Ballroom

**SPECIAL SESSION: CANADA'S ENERGY STRATEGY**

There have been calls from many quarters for a strategy to guide public policy and private investment in Canada's energy sector. As the 'owners' of Canada's natural resources, provinces and territories have a key role to play in shaping the development, processing, distribution, use, and trade in our abundant energy resources, both renewable and non-renewable. This session will bring together a select group of provincial energy ministers and representatives from the business community to explore regional priorities for a Canadian energy strategy delivering economic prosperity, improvements in environmental performance, and a secure, reliable, and affordable energy supply.

Sponsored By:

CANADIAN ASSOCIATION  
OF PETROLEUM PRODUCERS

**Velma McColl,**  
Principal,  
**Earncliffe Strategy Group,**  
*Canada (M)*



**Hon. Stan Struthers,** Minister  
responsible for Manitoba Hydro,  
**Government of Manitoba**



**Hon. John Manley,**  
CEO, **Canadian Council of  
Chief Executives**



**Hon. Rich Coleman,** Deputy Premier,  
Minister of Natural Gas  
Development, **Government of  
British Columbia**



**Hon. Diana McQueen,** Minister of  
Energy, **Government of  
Alberta**

**Janet Annesley,**  
Vice President, Communications,  
**Canadian Association of  
Petroleum Producers (CAPP)**

🕒 2:45 PM – 3:45 PM 📍 Room: 11

## SPARK TALKS: SUSTAINABLE DESIGN

SPARK Talks are designed to “inspire ideas in 18 minutes or less”, where individual personalities will present on specific topics using slides or background settings applying the celebrated “TED” style format.

### BIOMIMICRY: EMULATING NATURE’S BEST DESIGN STRATEGIES

Have you ever wondered how you might design differently if you could bring 3.8 billion years of experience to your design table? Life's genius offers a plethora of sustainable solutions for those willing to ask the right questions. In this inspired SPARK Talk, Dr. Baumeister will explore the emerging practice of biomimicry – the conscious emulation of nature's best design strategies and principles, each with the potential to completely transform how we build our world, run our businesses, and thrive as a species on this planet.



**Dayna Baumeister,**  
Co-Founder, **Biomimicry 3.8, USA**

### SUSTAINABLE DESIGN AND CO-INNOVATION: COMPELLING BUSINESS SOLUTIONS TO SOCIETY’S BIGGEST CHALLENGES

On this journey to sustainability, we are all designers – architects of change, dreamers who imagine a future that is abundant and alive, a part of nature and not apart from it. Nadine will bring to life some of the key questions and strategies driving Interface's next ascent up “Mount Sustainability”, scaling sustainable solutions toward a vision of restorative enterprise, including unlikely partnerships with “unusual suspects” through the Net-Works global partnership. This is a design challenge like no other. It's based on principles of co-innovation, and it means going beyond product innovation – transforming supply chain and redesigning systems. This story is centered on a new set of questions about what it might mean in practice to be a restorative business and the kinds of conditions required to feed the journey.

**Nadine Gudz,** Director, Sustainability Strategy,  
**Interface, Canada**

🕒 2:45 PM – 5:30 PM

**PRIORITIZING INVESTMENTS FOR SUSTAINABLE INFRASTRUCTURE PROJECTS***In Co-operation with Impact Infrastructure, Autodesk, and Stantec*📍 **Room: 10**

Many communities are beginning to focus on the need to upgrade and reinforce local infrastructure as part of planning for sustainability, resiliency, and long-term economic growth. The demand for capital to support public infrastructure and building projects by far exceeds available public funding. At the same time that supplies of private impact capital are enormous, municipal governments are struggling to find ways to participate in infrastructure initiatives. Solving both problems requires access to objective, transparent, and standardized tools that reveal project valuation and risk data and make it available for real-time design and budgeting for specific projects and systems.

**This workshop, open to all delegates, will be led by experts in public policy, infrastructure delivery, economic and risk assessment, and project financing, and will help municipal leaders, planners, and others prioritize their limited budgets toward sustainable infrastructure projects.**

🕒 2:45 PM – 3:45 PM

**MINES OF THE FUTURE***Sponsored By:* **RioTinto**📍 **Room: 2**

Canada has been a world leader in the ‘greening’ of the mining sector, which has become a major concern worldwide. New technologies, mineral production and refining processes, coupled with vastly improved management practices and regulation have significantly reduced the environmental impacts of large scale mining. How can R&D be applied in order to lower operational costs and also generate industry best practices? How can the R&D process be accelerated? Hear from the leaders who are making sustainable mining a reality.



**Virginia Flood**, Vice President,  
Canada, **Rio Tinto (M)**



**Timon LeDain**, Vice President of Operations,  
**Sustainable Development Technology Canada (SDTC)**



**Marian Campbell-Jarvis**, Assistant Deputy  
Minister, Minerals & Metals, **Natural Resources Canada**



**Chris Twigge-Molecey**,  
Senior Advisor, **Hatch, Canada**

🕒 4:00 PM – 5:00 PM

**CARBON RECYCLING: TURNING CARBON FROM A WASTE INTO AN ASSET**📍 **Room: 2**

After a century extracting carbon-based assets to power our economy, we urgently need to manage carbon emissions while ensuring affordable energy. Can we capture carbon and turn it into something of significant societal and economic value? This session will explore the emerging technological and economic pathways – many pioneered in Canada – to turn industrial CO2 emissions into fuels, fertilizers, feeds, chemicals, plastics, building materials, and other valuable products.



**Nicholas Moore Eisenberger**,  
Managing Partner, **Pure Energy Partners**,  
USA (M)



**Edward Rode**, Principal Researcher,  
**DNV GL Strategic Research & Innovation**,  
USA



**Bob Mitchell**, Senior Director, Oil Sands  
Business Unit, **ConocoPhillips Canada**

**Lee Stein**, Chairman & Founder,  
**Prize Capital LLC**, USA

🕒 4:00 PM – 5:00 PM

**SCALING UP WASTE-TO-PROFIT STRATEGIES:  
NEW TOOLS & BEST PRACTICES**📍 **Room: 11**

Many companies work hard to reduce their environmental footprints by implementing waste minimization or zero waste strategies. But industrial symbiosis and other emerging tools can turn waste streams into profit centers. This session will showcase leading edge practices and provide new insights on transforming wastes into profits.



**Tracy Casavant**, Executive Director,  
*Light House, Canada (M)*



**Thomas Carpenter**, Managing Director,  
Sustainability Services, **Waste Management, Inc., USA**



**Renee L. Gratton**, Founding President,  
**Construction Resource Initiatives Council,**  
*Canada*



**Peter Laybourn**, Chief Executive,  
**International Synergies, United Kingdom**



**Jason Pelz**, Vice President, Environment,  
**Tetra Pak Inc., USA**



## CANADA'S ENERGY MOVES US FORWARD

Canada is the world's fifth-largest producer of natural gas and home to the world's third-largest oil reserves. Canada's oil and natural gas industry is dedicated to environmentally and socially responsible development, returning energy and economic benefits to all Canadians.

Find out more at [capp.ca](http://capp.ca)  
or visit us at our booth.



CANADIAN ASSOCIATION  
OF PETROLEUM PRODUCERS  
Canada's Oil and Natural Gas Producers

Get your tickets to the 12<sup>th</sup> Annual GLOBE Awards for Environmental Excellence Ceremony & Luncheon:

**12:30 PM – 2:00 PM**

**Friday, March 28**

An exciting Awards presentation ceremony including a delicious three-course gourmet lunch. Tickets are just \$75 or \$500 for table of 8. Seating is limited and this event sells out. Please purchase your tickets at the GLOBE 2014 Registration Desk in the lobby of the Convention Centre to avoid disappointment.

🕒 4:00 PM – 5:00 PM

## NATURAL GAS – THE TRANSITION FUEL

📍 Room: 1

Natural gas is seen as a viable option as we transition to a lower carbon economy. The economic impacts of this transition are enormous. Investments in associated storage, transportation, and distribution systems will cost trillions of dollars. Hear the views of progressive leaders on why natural gas must power the low carbon future.



**Nicholas Sonntag**, President,  
Clean Technology Systems, Canada (M)



**Gregory Aliff**, Vice Chairman & Senior  
Partner, Energy and Resources, Deloitte LLP, USA



**Timothy Egan**, President & CEO,  
Canadian Gas Association



**Karen Hamberg**, Vice President of  
Strategy, Westport Innovations Inc., Canada



**John Walker**, President & CEO,  
FortisBC Inc., Canada

🕒 4:00 PM – 5:00 PM

## THE BUSINESS OF WATER

📍 Room: 8

Water is not only a necessity of life, but also a vital factor for business survival. Many sectors actively compete for secure access to water, and the management, treatment, and delivery of water has become a massive global industry. How can the interests of all parties be met equitably? Join this panel of industry experts and insiders as they discuss the business of water today and in the future.



**Todd Latham**, Publisher, Water Canada,  
& Founder / Publisher, ReNew Canada (M)



**Rich Cavagnaro**, CEO,  
Adedge Water Technologies LLC, USA



**Albert Cho**, Vice President for Strategy  
and Business Development, Xylem Inc., USA



**Shaun McKaigue**, CEO,  
FER-PAL Infrastructure Ltd., Canada



**Jane Pagel**, Former President & CEO,  
Ontario Clean Water Agency, Canada



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🕒 8:30 AM – 11:15 AM

## SPOTLIGHT ON CHINA: OUR SHARED FUTURE

📍 Room: 1

China's Twelfth Five-Year Plan (2011-2015) and other government policies have set ambitious targets for greener growth and greater social stability in rural and inland areas. Repairing China's damaged waterways, agricultural lands, and improving air and water quality in major urban areas, the costs of which are estimated at over \$400 billion, are straining the resources of national and state authorities that might better be used to move China toward the more resilient and ecologically sensitive economy it desires.

Despite its continued dependency on fossil fuel energy resources, China has become the world's largest market for renewable energy deployment and one of the largest suppliers of clean energy technologies. This is creating exciting new partnership opportunities for foreign suppliers.

Business and government leaders at the forefront of these new partnerships will share their insights on the challenges, risks, and the enormous opportunities that are reshaping the Middle Kingdom. Learn why helping to "green" China is also a way to green the entire world.

## HOST &amp; MODERATOR:



**Jonathan Woetzel**, Director, **McKinsey & Co.**, & Co-Chair,  
**Urban China Initiative**, *China*

## OPENING KEYNOTE:



**Hon. Teresa Wat**, Minister of International Trade,  
**Government of British Columbia**, *Canada*

## SPEAKERS:



**Fang Li**, Deputy Director General Foreign  
Economic Cooperation Center, **Ministry of  
Environmental Protection**, & Assistant  
Secretary General, **CCICED**, *China*



**Du Haolin**, Manager,  
**China Energy Conservation and  
Environmental Protection Group**



**Wang YiNing**, Secretary General,  
**China Association of Machinery Industry for  
Environmental Protection (CAMIE)**, *China*

## PANEL PARTICIPANTS:



**Stephen Clarke**,  
Vice President Business Development,  
**Phase Separation Solutions**, *Canada*



**John O'Brien**, Managing Director,  
**Sino Cleantech**, *Australia*



**Nicholas Parker**, Managing Partner,  
**Global Acceleration Partners**, *Canada*



**Rosita Wong**, Founder & President,  
**EastGroup**, *China*

🕒 8:30 AM – 9:45 AM

## THE GLOBAL ENERGY MIX: OPPORTUNITIES AND REALITIES

## 📍 Ballroom

The energy sector worldwide is undergoing a profound transformation. New technologies have opened up vast reserves of untapped resources that in turn have upset long-established relationships in the energy marketplace. How can policy makers and investors make the right decisions with so much uncertainty about the future of energy? Learn from those who are leading the way across the changing energy landscape.



**Merran Smith**, Executive Director,  
**Clean Energy Canada (M)**



**Jacques Besnainou**, Director,  
**General Fusion Inc.**, & Former President  
& CEO, **AREVA Inc.**, *USA*



**Jules Kortenhorst**, CEO,  
**Rocky Mountain Institute**, *USA*



**Ken Lueers**, President,  
**ConocoPhillips Canada**



**Al Monaco**, President & CEO,  
**Enbridge Inc.**, *Canada*



**Marie-José Nadeau**, Chair,  
**World Energy Council**, & Executive Vice  
President, Corporate Affairs & Secretary  
General, **Hydro-Québec**, *Canada*

🕒 8:30 AM – 9:45 AM

## RESILIENT CITIES DON'T JUST HAPPEN: EMBRACING GLOBAL BEST PRACTICES

## 📍 Room: 8

Many cities are making unprecedented investments in sustainability, but lingering challenges remain about measuring and reporting on their success. Hear from city leaders that have developed solid performance indicators to measure urban sustainability and to make their cities more resilient for the long-term.



**David Reid**, Manager of  
Environmental Planning & Design,  
**Golder Associates Ltd.**, *Canada (M)*



**Jeanette Southwood**, Global Sustainable  
Cities Leader | Urban Development &  
Infrastructure Leader – Canada,  
**Golder Associates Ltd.**, *Canada (M)*



**Jacqueline Cramer**, Director, **Utrecht  
Sustainability Institute**, *Netherlands*



**Martha Delgado Peralta**, General Director,  
Global Cities Covenant on Climate Secretariat,  
**Fundación PENSAR. Planeta, Política, Persona**, *Mexico*



**Stephen Huddart**, President &  
CEO, **McConnell Foundation**, *Canada*



**Melanie Nutter**, Former Director, Department  
of the Environment, **City of San Francisco**, *USA*

🕒 8:30 AM – 9:45 AM

**GREEN IS THE NEW BLACK: THE GROWING ROLE OF THE C-SUITE IN SUSTAINABILITY**

📍 Room: 11

“Green” and sustainability solutions are becoming an increasingly integral part of financial planning and the work of the C-Suite and boards. Corporate executives are being asked to strategically evaluate new means to reduce cost, increase tax efficiency, manage risks, as well as meet shareholder expectations. Understanding sustainability is becoming essential for a company’s senior management and its board of directors for not just meeting the inherent challenges of an ever more competitive global economy, but with respect to identifying the opportunities for new business. Find out how organizations are embedding sustainability into core business strategy, and how this is changing the tone at the top.



**Jessica Fries**, Executive Chairman,  
**The Prince’s Accounting for Sustainability  
Project (A4S)**, *United Kingdom (M)*



**Warren Allen**, President,  
**International Federation of  
Accountants**, *United Kingdom*



**Beverley Briscoe**, Chair of Audit  
Committee, **Goldcorp Inc.**, *Canada*



**Patrick Daniel**, Former President  
& CEO, **Enbridge Inc.**, *Canada*



**Henry Stoch**, Partner, Sustainability  
and Climate Change, **Deloitte Canada**

🕒 10:15 AM – 11:15 AM

**FOOD, WATER & ENERGY: THE NEXT GREEN REVOLUTION**

📍 Room: 8

Many of the mega-trends influencing food and water security are going in the wrong direction. As we look to the future addressing these trends will require innovation and unprecedented levels of capacity scale-up. The “next green revolution” will require new energy sources, smart irrigation and nutrient systems, and storage and transportation systems that are less reliant on traditional approaches. How can we innovate and transfer these practices in order to realize the global opportunities? How can we promote economic and social well-being for billions of people while, at the same time, ensuring that the ecosystem can sustain these benefits?



**Bruce Dudley**, Senior Vice President,  
**Delphi Group**, *Canada (M)*



**Charles McKeown**, Assistant Director,  
Global Center for Food System Innovation,  
**Michigan State University**, *USA*



**Rick Whittaker**, Vice President,  
Investments & Chief Technology Officer, **Sustainable  
Development Technology Canada (SDTC)**



**Laurence Blandford**, Director,  
Climate Change International, **Environment Canada**

10:15 AM – 11:15 AM Ballroom

## SPOTLIGHT ON DUBAI

Sponsored By:



Dubai's progress towards a sustainable green economy, a smart city, and a global gateway for green trade and investment will help accelerate the adoption of green technologies, products, and services in a region of over 2.2 billion consumers. Hear from top government and business leaders the latest opportunities arising from Dubai's strategic commitment to green economic growth, public-private partnership, solar, smart-grid and demand-side management projects, as well as green buildings and sustainable transport. Also learn how Dubai is turning to a global innovation hub in the lead to hosting EXPO 2020 for the first time in the Middle East, North Africa, and South Asia (MENASA) region.



**John Wiebe**, President & CEO,  
GLOBE Group, Canada (M)



**Marwan Abdulaziz**,  
Executive Director, TECOM Science  
Cluster (ENPARK & DUBIOTECH), UAE



**Fahad Al Gergawi**, Secretary General,  
Dubai Green Economy Partnership, & CEO,  
Dubai Investment Development Est., UAE



**Soliman Al Rifai**, Director of Project  
Finance, Dubai Carbon Center of Excellence

**Mohammed Al Shamsi**, Manager,  
Climate Change & Sustainability, Dubai  
Electricity & Water Authority (DEWA), UAE



**Taher Diab**, Director of Strategy and Planning,  
Dubai Supreme Council of Energy, UAE



**Waleed Salman**, Chairman, Dubai  
Green Economy Partnership, & EVP, Strategy  
& Business Development, Dubai Electricity  
& Water Authority (DEWA), UAE

🕒 10:15 AM – 11:15 AM 📍 Room: 11

## SPARK TALKS: GREEN ECONOMY & SUSTAINABILITY

SPARK Talks are designed to “inspire ideas in 18 minutes or less”, where individual personalities will present on specific topics using slides or background settings applying the celebrated “TED” style format.

### MAKING IT REAL: DISCOVERING FUTURE READY SOLUTIONS FOR TODAY'S RESOURCE CONSTRAINED ENVIRONMENT

Throughout Yasmin Glanville's three decades of leading and advising global and local organizations, she has witnessed the acceleration of large scale and often extreme changes impacting the future sustainability of business and society. With a focus on “what can be done to achieve greater competitive value in a resource constrained environment”, this SPARK Talk will explore relevant strategies for discovering, developing, and jumpstarting trigger ready solution ideas, projects, and opportunities that can be put into practice from the get-go.



**Yasmin Glanville**, Founder & CEO,  
**Rethink Sustainability Initiatives (RSI)**, *Canada*

### PLASTIC: THE MATERIAL THAT BINDS THE PLANET

Plastic is an amazing material. Although it's created to be permanent, it continues to be used in high percentages for disposable products. How can we continue to benefit from the use of plastic without creating a negative environmental “footprint”, which we know is getting larger? In this inspiring SPARK Talk by Doug Woodring, learn about the mindset change of turning waste into a resource, and how this thinking can result in a wide range of improvements for our communities and waters that surround them.



**Doug Woodring**, Founder,  
**Ocean Recovery Alliance**, *USA*

### TRADE AND THE GLOBAL GREEN ECONOMY

Dr. Wen's insightful SPARK Talk will introduce the recent development on the issues of green economy and World Trade Organization (WTO) environmental disputes, including the relationships between trade and environment, green new deals, and the theoretical reasonings, with a special focus on the economic principles behind the trade of green goods and consumer products.



**Lih-Chyi Wen**, Director, **Center for Green Economy**, & Deputy Director, Green  
Trade Project Office, Ministry of Economic Affairs, **Government of Taiwan**



🕒 11:30 AM – 12:30 PM 📍 Ballroom

## TOWN HALL – THE LONG VIEW: CASTING FORWARD ON THE NEXT QUARTER CENTURY

The GLOBE Series has been around for 24 years now and we've seen it all; so what will the next quarter century bring? The "Sages of Sustainability" panel as part of the Friday Town Hall at GLOBE 2014 will cast their views forward and share their perspectives on environmental and business challenges, opportunities, and innovations into the foreseeable and not-so-foreseeable future. In keeping with GLOBE tradition, the Friday Town Hall will be fully interactive, allowing delegates to participate and query the panel on a diverse array of issues.



**Chris Henderson**, President,  
Lumos Energy, & Founder, Delphi  
Group, Canada (M)



**Bruce Anderson**, Chairman,  
Abacus Data, Canada



**Michael Brown**, Co-Founder,  
Chrysalix Energy Venture Capital, Canada



**Marc Gunther**, Editor-at-Large,  
Guardian Sustainable Business, USA



**Mike Harcourt**, Chairman, Quality Urban  
Energy Systems of Tomorrow (QUEST), Canada



**Hon. Mary Polak**, Minister of  
Environment, Government of British Columbia

**Tzeporah Berman**,  
Founder, Power Up Canada\*

🕒 12:30 PM – 2:00 PM

## GLOBE AWARDS FOR ENVIRONMENTAL EXCELLENCE CEREMONY & LUNCHEON

📍 Pan Pacific Hotel – Crystal Pavilion (Level L)



Join us for an inspiring luncheon including the presentation of the 12<sup>th</sup> Annual GLOBE Awards for Environmental Excellence. Awards in a number of categories will be presented to extraordinary companies who have managed to strike the balance between economic and environmental performance. **Seating is limited and the event frequently sells out. Tickets must be purchased**

for this event and are available at the Registration desk. They will not be sold at the door.

🕒 2:00 PM – 3:30 PM

**THE NATIONAL ZERO WASTE COUNCIL – ADVANCING A WASTE PREVENTION AND REDUCTION AGENDA IN CANADA***Hosted by Metro Vancouver and National Zero Waste Council*📍 **Room: 11**

Waste generation – ranging from food to packaging and beyond - is one of Canada's leading economic and environmental challenges facing cities and communities across the country. Canada's National Zero Waste Council is a new cross-sectoral leadership initiative tackling this challenge head on, driving forward a national waste prevention and reduction agenda by encouraging design and behavior change in support of a shift to a circular economy and a world without waste. Moderated by CBC's Marketplace Host, Erica Johnson, this session will discuss and debate how the Council best moves forward a waste prevention agenda, what a supporting business case looks like and who needs to be involved to make large-scale system change possible.



**Erica Johnson**, Host, Marketplace,  
CBC (M)



**Jamie Butterworth**, Chief Executive,  
Ellen MacArthur Foundation, United Kingdom



**Shelley Carroll**, Councillor,  
City of Toronto, & Director,  
National Zero Waste Council, Canada



**Nathalie St-Pierre**,  
Vice-President – Sustainability & Quebec,  
Retail Council of Canada



**Michael Goeres**, Executive Director,  
Canadian Council of Ministers of the Environment

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🕒 2:00 PM – 3:30PM

**FROM INNOVATION TO MARKET – THE BUSINESS OF ACCELERATION AND PATH FINDING***In Co-operation with GreenTech Exchange*📍 **Room: 2**

Innovation is a key engine of growth in the 21<sup>st</sup> century. To achieve the growth, innovation must be augmented with suitable commercialization. Finding the right paths to bring innovations to markets can lead to jobs, wealth, sustainability, better environment, and health. Wealth and growth in turn can fund and fuel more innovations and a repeat of this cycle. Yet the right paths are not easily visible and there are significant challenges and hurdles along the way.

This session will explore some of the approaches being used to link innovation to industry and businesses in the marketplace. The focus is on effective ways to connect products and services from technology solution providers in the SME community with needs of corporations and organizations, bringing benefits to both sides. The panelists will provide insights and best practices, drawing on their experiences and successes as well as cultural and regional perspectives.



**Elmer Sum**, Co-Founder, **GreenTech Exchange & PowerHaus Network**, Canada (M)



**Neil Huff**, Executive Director, **Foresight Cleantech Accelerator Centre**, Canada



**Christian Hauselmann**, Co-Founder, **Swiss Cleantech and Global Cleantech Cluster Association**, Switzerland



**John O'Brien**, Managing Director, **Sino Cleantech**, Australia



**Mike Volker**, President, **GreenAngel Energy Corporation**, & Co-Founder, **PowerHaus Network**, Canada

**EMBEDDING SUSTAINABILITY IN COMPANY CULTURE: LEARNING FROM RESEARCH AND PRACTICE***In Co-operation with Network for Business Sustainability*📍 **Room: 8**

When sustainability is integrated into an organization's culture, it becomes an everyday, enduring practice. The Network for Business Sustainability brought together leading companies and researchers to find the best ways to help make sustainability "what we do around here". Find out what they've learned about embedding sustainability into organizational culture, and about their unique experience working together to improve company practices and co-create knowledge. Session participants will also hear about a new set of guidebooks and tools being developed from the project.

**CONFIRMED SPEAKERS:**

**Pam Laughland**, Managing Director, **Network for Business Sustainability**, Canada (M)



**Stephanie Bertels**, Assistant Professor, Beedie School of Business, **Simon Fraser University**, Canada



**James Gray-Donald**, Vice President, Sustainability, **Bentall Kennedy**, Canada



**Nathan Maycher**, Manager, Sustainable Development, **ConocoPhillips Canada**



**Carmen Turner**, Leader, Sustainability, **Teck Resources**, Canada

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P.43	Smith, Merran, Executive Director, <b>Clean Energy Canada</b>	P.30, 33	Topping, Nigel, Executive Director, <b>CDP, United Kingdom</b>	P.44	Whittaker, Rick, Vice President, Investments & Chief Technology Officer, <b>Sustainable Development Technology Canada (SDTC)</b>
P.33	Söderholm, Gunnar, Director Environment & Health, <b>City of Stockholm, Sweden</b>	P.7, 32	Turley-McIntyre, Barbara, Senior Director, Sustainability & Citizenship, <b>The Co-operators Group Ltd., Canada</b>	P.42	Wong, Rosita, Founder & President, <b>EastGroup, China</b>
P.23	Solomon, Joel, Chairman, <b>Renewal Funds, Canada</b>	P.49	Turner, Carmen, Leader, Sustainability, <b>Teck Resources, Canada</b>	P.33	Wood, Alex, Senior Director, Policy and Markets, <b>Sustainable Prosperity, Canada</b>
P.41	Sonntag, Nicholas, President, <b>Clean Technology Systems, Canada</b>	P.39	Twigge-Molecey, Chris, Senior Advisor, <b>Hatch, Canada</b>	P.29	Wood, Christianna, CEO, <b>Gore Creek Capital Ltd.</b> , & Chairman, <b>Global Reporting Initiative (GRI), USA</b>
P.43	Southwood, Jeanette, Global Sustainable Cities Leader   Urban Development & Infrastructure Leader – Canada, <b>Golder Associates Ltd., Canada</b>	P.19	Van Bommel, Tony, Senior Managing Partner, Energy & Cleantech Venture Fund, <b>BDC Venture Capital, Canada</b>	P.46	Woodring, Doug, Founder, <b>Ocean Recovery Alliance, USA</b>
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P.48	St-Pierre, Nathalie, Vice-President – Sustainability & Quebec, <b>Retail Council of Canada</b>	P.17	Vaughan, Scott, President & CEO, <b>International Institute for Sustainable Development, Canada</b>	P.42	YiNing, Wang, Secretary General, <b>China Association of Machinery Industry for Environmental Protection (CAMIE), China</b>
P.44	Stoch, Henry, Partner, Sustainability and Climate Change, <b>Deloitte Canada</b>	P.49	Volker, Mike, President, <b>GreenAngel Energy Corporation</b> , & Co-Founder, <b>PowerHaus Network, Canada</b>	P.31	Yonker, Bryce, Director of Business Development, <b>Clean Edge, USA</b>
P.14	Strandberg, Coro, Associate, <b>CBSR</b> , & Principal, <b>Strandberg Consulting, Canada</b>	P.23	Walker, Bob, Vice President, ESG Services, <b>NEI Investments, Canada</b>		
		P.41	Walker, John, President & CEO, <b>FortisBC Inc., Canada</b>		



# We create chemistry for a sustainable future

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Plan to attend these presentations in booth **#819**  
and discover how:

## WEDNESDAY

- 10:30 Finding sustainable solutions for home and personal care products
- 11:30 Economy + Ecology:  
BASF's Eco-Efficiency Analysis
- 1:30 Preserving water, our most critical resource
- 2:30 Bio-based products: From renewable raw materials to sustainable intermediates
- 4:00 Closing the loop and eliminating waste



## THURSDAY

- 10:30 Pioneering sustainable catalyst solutions
- 11:30 Innovations for CO<sub>2</sub> emissions reduction in energy development
- 1:30 Building with sustainable concrete
- 2:30 Solutions for erosion and stormwater management



## FRIDAY

- 10:00 Helping the food industry produce more with less
- 1:00 Sustainable solutions for tailings management



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