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Sustainable Developments: District Energy, Green Certifications, and Building for the Future

Co-Chaired by

Sonia Sahota
Civic Legal LLP

Rina Thakar
Civic Legal LLP

January 26th, 2018 • UBC Robson Square • Vancouver, BC

Live Webinar also available!



CO-CHAIRS



Sonia Sahota, LL.B., P. Eng., Partner, Civic Legal LLP, Vancouver, BC. Ms. Sahota is a founding partner of the firm and practises in the areas of procurement, construction, and land development, with a particular focus on tendering law, procurement fairness, and construction contracting. Sonia acts primarily for local government owners. Sonia practised as a professional engineer for 10 years and worked on civil and geotechnical design and construction projects in northern British Columbia, the United States, northern Africa and South America. She routinely provides advice on structuring and administering public tenders and competitive RFPs, managing contractor performance and lien issues and securing land tenure. Sonia presents regularly on legal topics of interest to members of the local government and engineering communities, such as the Municipal Engineers Division of Engineers and Geoscientists of BC and the Public Works Association (BC).



Rina Thakar, Partner, Civic Legal LLP, Vancouver, BC. Having obtained her Law and Master's degrees in England at the University of Warwick and LSE, Rina was first called to the Bar in England in 1997, and subsequently in Kenya and British Columbia. With over 17 years' experience in local government and corporate law, Rina provides advice on a range of local government matters, with a focus on complex contract drafting, community energy and infrastructure projects, community forest arrangements, access to information, and corporate and financial issues. Rina is a Past Chair of the Municipal Law Section of the Canadian Bar Association BC Branch, and has spoken at numerous conferences and seminars, including for the LGMA, GFOABC, the BCWWA, and others.

FACULTY



Trent Berry, MRM; Principal, Reshape Strategies; Chair, Creative Energy Canada Platforms; Vancouver, BC. Trent is a professional economist, management consultant, and executive based in Vancouver, BC. He has twenty years of experience in the electricity, gas, district energy, and water sectors, including technology evaluation, project feasibility, market studies, ownership, financing, contracts, and regulation. He was part of a small team of experts that advised the Province on the development of the *Clean Energy Act* and related policies. He has also supported the BC Utilities Commission on a variety of regulatory reviews. In 2014 he was appointed to chair the new Board of Creative Energy.



Charlene Hiller, Associate, Fasken Martineau DuMoulin LLP, Vancouver, BC. Charlene's practice is focused on environmental, energy, mining, and infrastructure. She is the lead lawyer at Fasken Martineau to address contaminated property, waste management, and compliance with environmental laws. She also advises on contracts that require obtaining environmental assessment and project approvals and arrangements with First Nations, including joint ventures, participation agreements, exploration agreements, impact benefit agreements, and accommodation agreements.



Pam Jefcoat, Managing Partner, Civic Legal LLP, Vancouver, BC. Pam Jefcoat has over 16 years of combined experience in local government and commercial real estate law. Pam also has a Master's degree in Public Administration and provides advice on a wide variety of local government matters, with a focus on land use planning and development, subdivision, constitutional jurisdiction, and all aspects of real estate development. Pam frequently speaks throughout the province on matters of interest to local governments and has been a regular speaker with CLE BC, PWABC, the LGMA, and Capilano University.



Donald Lidstone, Q.C., Managing Partner, Lidstone & Company, Vancouver, BC. Mr. Lidstone has practised generally in the area of municipal law since 1980. His municipal law focus is in the areas of constitutional, administrative, and environmental law, particularly in respect of governance, land use/sustainable development, bylaws and resolutions, and Aboriginal law. Mr. Lidstone has published numerous papers and manuals and consulted on the development of the British Columbia *Community Charter* and other municipal statutes.



David W. Little, Partner, Fasken Martineau DuMoulin LLP, Vancouver, BC. David Little has a practice focused on construction and infrastructure projects, procurement, public-private partnerships, alternative service delivery and other development. David has extensive experience with industrial, commercial, and public sector institutional projects. He is a regular speaker for legal and non-legal audiences. David is recognized in *Chambers Canada 2017 for Projects: PPP & Infrastructure (Nationwide - Canada)*.



Gerard MacDonald, P. Eng., M.Eng., LEED AP, Principal, Reshape Strategies, Vancouver, BC. Gerard is a Professional Engineer with a Master's degree in Clean Energy Engineering. Gerard has fifteen years of experience in the green buildings and neighbourhood energy. Prior to joining Reshape, Gerard was a Community Energy Manager with Fraser Health Authority. He has unique expertise in assessing and balancing building-, campus-, or neighbourhood-scale solutions. Gerard has led projects across the country from the concept development to the operations stage, and he is active in the public dialog around energy and climate policies for buildings.



Jason Owen, P. Eng., M.Sc., District Energy Manager, City of Surrey, Surrey, BC. Jason Owen is a professional engineer and urban planner with a background in municipal infrastructure, green buildings, community energy planning, and renewable energy systems. Jason has an undergraduate degree in civil engineering from McGill University and a graduate degree in urban planning from the University of British Columbia. Before entering the public sector, Jason worked as a consulting engineer in the fields of municipal infrastructure and building science.

Sustainable Developments: District Energy, Green Certifications, and Building for the Future

Pursuing major developments that are sustainable and environmentally friendly is an important priority for regulators, owners, and developers. Novel approaches such as Community Energy or District Utility projects are gaining momentum as they allow for use and cost efficiencies while furthering important environmental goals. At the same time, the promulgation of various green certifications, such as LEED and BC Energy Step Code, require clarification of the benefits and uses of differing certification options. Continually changing standards, rules, and policies in this area necessitates forward-looking planning and ongoing efforts to stay apprised of new technologies and ideas.

This program will bring together experts in municipal planning, environmental and construction law, and sustainable development. Attendees will gain first-hand knowledge of the issues present and practical advice on how to address these issues and make decisions that will provide continuing benefit into the future. With an emphasis on practical advice and real-world examples, this program should not be missed.

YOU WILL LEARN ABOUT:

- Green building policies, codes, and certification standards
- An explanation for the uses and issues surrounding district energy projects, including regulatory implications
- Financing considerations for sustainable developments, including carbon off-sets, energy credits, and green bonds
- Procurement, planning, and construction issues that arise when pursuing sustainable developments
- Case studies on recent major sustainable developments
- Risk management and allocation

WHO SHOULD ATTEND?

- Lawyers practising municipal, environmental, real estate, or construction law
- Mayors and city councillors
- Municipal managers and legal counsel
- Urban planners
- Risk managers
- Consultants to local government
- Urban development consultants



Alen Postolka, P. Eng., CEM, CP, District Energy Manager, City of Richmond, Richmond, BC. Alen Postolka is responsible for advancing the development of district energy systems in the City of Richmond, B.C. He is a professional engineer, certified energy manager, and certified professional with over 20 years of experience in mechanical engineering, building science, and project management. He has an avid interest in sustainable energy systems, district energy, energy efficiency, energy conservation, and renewable energy technologies. He holds a Bachelor of Science degree in mechanical engineering from the University of Zagreb.



Douglas R. Sanders, LL.B., P. Eng., Partner, Borden Ladner Gervais LLP, Vancouver, BC. Doug Sanders is a member of BLG's Corporate Commercial Group in the Vancouver office, and their Public-Private Infrastructure Projects Group nationally. Doug is both a lawyer and an engineer, and practises in the areas of public-private partnerships, construction contracts (negotiation, drafting, and review), shipbuilding contracts, power plant and industrial EPC contracts, and generally contracts to design or construct any asset. Recognized as a leading lawyer in construction and infrastructure by the foremost legal rankings publications, Doug focuses on large infrastructure projects and has worked on major projects in many Canadian provinces, and around the world. Doug is also a frequent author and speaker for various organizations and publications on these areas of law.

Sustainable Developments: District Energy, Green Certifications, and Building for the Future

JANUARY 26TH, 2018

9:00 Welcome and Introduction by PBLI

9:05 Chairs' Welcome and Introduction: Developments in BC: Where We Are; Where We're Going

Sonia Sahota & Rina Thakar, Civic Legal LLP

- Securing a supportive public and policy environment
- Economic and environmental benefits of sustainable development
- Local governments enterprising with proactive policy initiatives for local governments

9:20 Green Building Policies, Codes, and Certification Standards: How Do They Fit Together?

Trent Berry & Gerard MacDonald, Reshape Infrastructure Strategies

- The evolution and interaction of different building policies, codes, and standards (e.g., LEED, Passive House, BC Step Code, Zero Emissions Buildings)
- Some untold stories about conflicts, trade-offs, and international best practices
- Alternative pathways for compliance (envelope focus vs. energy systems focus)
- The role of neighbourhood energy in the era of carbon-based codes

10:10 Questions and Discussion

10:20 Refreshment Adjournment Sponsored by



10:35 Financing Considerations for Sustainable Developments

Rina Thakar, Civic Legal LLP

- Carbon off-sets and renewable energy credits
- Green bonds and local borrowing
- Grant funding
- Methods of project delivery: public, private, and partnerships

11:25 Questions and Discussion

11:35 Risk Management and Risk Allocation for Sustainable Developments

Charlene Hiller & David W. Little, Fasken Martineau DuMoulin LLP

- Incorporating risk into long-term sustainable projects
- Allocating modernization and environmental costs for projects on leased properties
- Incorporating changing provincial and federal environmental standards into long-term contracts

12:25 Questions and Discussion

12:35 Networking Lunch

1:35 Regulatory Implications for District Energy Projects

Don Lidstone, Q.C., Lidstone and Company

- Regulating District or Community Energy Projects from a municipal and provincial perspective
- Regulation of different delivery and ownership models including full-BCUC and light-handed BCUC

2:15 Questions and Discussion

2:25 Procurement, Planning, and Construction for Sustainable Developments

Pam Jefcoat & Sonia Sahota, Civic Legal LLP

Douglas R. Sanders, Borden Ladner Gervais LLP

- Land tenure and underlying land issues for District Energy Projects (securing access, securing use, etc.)
- Procurement issues with certification compliant materials
- Municipal procurement policies
- Incorporating sustainable values into procurement policies
- Construction of sustainable developments

3:25 Questions and Discussion

3:35 Refreshment Adjournment Sponsored by



3:50 Sustainable Development Case Studies

Jason Owen, City of Surrey

Alen Postolka, Lulu Island Energy Company

- Real examples of major sustainable developments and practical lessons learned
- Examples of innovative energy sources and technologies being used
- Building a project team and multi-stakeholder challenges
- Operational and communication issues

4:40 Questions and Discussion

4:50 Chairs' Closing Remarks – Program Concludes

INFORMATION

Four Ways to Register:

1. Telephone us: 604-730-2500 or toll free 877-730-2555
2. Fax us: 604-730-5085 or toll free 866-730-5085
3. Mail your registration form with payment
4. Register at www.pbli.com/1394

Registration: The registration fee is \$770.00 plus GST of \$38.50 totalling **\$808.50** covering your attendance at the program (In-person attendees have the option to receive their materials electronically in advance of the program, or in a hard copy binder on the day of the program. If an in-person attendee requests both hard copy and electronic materials, an additional \$50 charge will apply. Webinar attendees will always receive their materials electronically.). Written materials, a light breakfast, a networking lunch and refreshments throughout the day.

Early Bird Discount: Register by December 27th, 2017 and receive a \$100 discount on the registration fee (\$670.00 plus GST).

Group Discount: Register four persons from the same organization at the same time and you are entitled to a complimentary fifth registration. Early Bird and Group Discount cannot be combined.

Payment: You may pay by VISA, MasterCard or cheque. Cheques should be made payable to the Pacific Business & Law Institute. Registration fees must be paid prior to the program.

When and Where: Check-in begins at 8:30 a.m. The program starts at **9:00 a.m.** UBC Robson Square is located at the basement level of **800 Robson Street** in Vancouver, BC. Please visit <http://robsonsquare.ubc.ca/find-us/> for directions.

Materials: The faculty will prepare papers and/or other materials explaining many of the points raised during this program. Please contact us at registrations@pbli.com if you are unable to attend the program and wish to purchase a set of materials.

Your Privacy: We will keep all information that you provide to us in strict confidence, other than to prepare a delegate list containing your name, title, firm and city for our faculty and the program delegates. We do not share our mailing lists with any non-affiliated organization.

Cancellations: Full refunds will be given for cancellations (less a \$60.00 administration fee) if notice is received in writing five full business days prior to the program (**January 19th, 2018**). After that time we are unable to refund registration fees. Substitutions will be permitted. We reserve the right to cancel, change or revise the date, faculty, content, venue, or the availability of webinar for this event.

Course Accreditation: Attendance at this course can be listed for up to **6.5 hours** of continuing professional development with the Law Society of BC.

Registration Form

Pacific Business & Law Institute

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Vancouver, BC Canada V6H 2P3

Telephone: 604-730-2500; Fax: 604-730-5085

E-mail: registrations@pbli.com

Sustainable Developments: District Energy, Green Certifications, and Building for the Future

January 26th, 2018

UBC Robson Square, Vancouver, BC

- ☐ In person [PDF]
- ☐ In person [HARDCOPY]
- ☐ In person [PDF & HARDCOPY (+\$50.00)]
- ☐ Live webinar [PDF]

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