

5th Annual Event

The Future of Canada's Infrastructure

Tuesday September 30th and Wednesday October 1st, 2008
The Suites at 1 King West | Toronto, Ontario

Green Strategies | Local Solutions
Alternative Energy | Funding | Wastewater Solutions



Chantal Guay,
ing., P.Eng., M.Env.,
Chief Executive Officer,
Engineers Canada



Lucia Athens, Former Manager,
Green Building Program, Department of
Planning and Development,
City of Seattle



Gordon Landon,
Regional Councillor,
Town of Markham



Kim Sare,
Director of Sustainable
Development,
City of Regina

This exclusive interactive event will explore timely solutions to these issues:

- ▶ Green Infrastructure
- ▶ Funding
- ▶ Alternative energy and power
- ▶ Infrastructure deficit
- ▶ Transportation
- ▶ Water and wastewater
- ▶ Asset management
- ▶ Long-term sustainability

**“Worthwhile conference—
thought-provoking.”**

Mark Segsworth, *Commissioner of Public Works and
Emergency Services, City of Kingston, Ontario*

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To register call: 1-866-298-9343 • E-mail: registrations@strategyinstitute.com

Join Us At Canada's Premier Infrastructure Conference For Our Most Progressive And Innovative Summit Yet!

Hear The Latest Solutions For Funding And Alternative Strategies To Improve Sustainability In Your Region.

What really is TRUE sustainability in this era of Canadian infrastructure?

The combination of aging infrastructure, population growth and environmental concerns requires forward thinking and innovative solutions to ensure a truly sustainable future. This conference is your best chance this year to hear case studies, expert presentations and panels from Canada's leading decision-makers!

This exclusive interactive event will explore timely solutions to these issues:

- ▶ Green Infrastructure
- ▶ Funding
- ▶ Alternative energy and power
- ▶ Infrastructure deficit
- ▶ Transportation
- ▶ Water and wastewater
- ▶ Asset management
- ▶ Long-term sustainability

Case Studies include:

- ▶ Regina
- ▶ Whistler
- ▶ Seattle
- ▶ Ottawa

Plus Essential value-added workshop:
Canadian Utilities Asset Management Strategies

Don't Miss Your Chance To Be Heard At One Of The Most Interactive Conferences In Canada!

Come And Take Advantage Of The Year's Best Peer-To-Peer Networking Opportunity!

Take this opportunity to see how your colleagues are doing; share your experiences, and exchange ideas and strategies! If you want to meet with your peers in the field and form valuable alliances, this is your best opportunity this year.

The Future of Canada's Infrastructure 2008 is the fifth in a series of annual events designed to help municipalities, provinces and the federal government to develop sustainable infrastructure plans through effective infrastructure management. It brings peers together to share information, challenges and successes, and to give all regions of Canada a clearer vision on how to reach long-term infrastructure sustainability.



You Cannot Afford To Miss This Unique And Timely Event: Register Now!

Don't miss this chance to network, discuss and debate the issues with representatives at the core of the future of the nation's infrastructure. Register for our limited spaces by calling **1-866-298-9343** or e-mailing registrations@strategyinstitute.com today.

Attend this high-level summit specifically designed for the following:

➡ Cities, Municipalities and Communities

Mayors and Councillors, CAOs, Commissioners, Directors and Managers of Infrastructure Services, Public Works, Asset Management, Transportation, Design and Construction, Environment, Policy Advisors

Collaboration: Develop practical and local solutions for your communities to take control of your own infrastructure.

Funding: Secure funding, close the infrastructure gap, and provide a secure future with a solid foundation for your local infrastructure planning.

Alternative Energy: Determine the most efficient and cost-effective ways to power your projects and support your infrastructure.

➡ Provincial and Federal Government

Ministers, Assistant and Deputy Ministers, Directors of Transportation and Infrastructure, Municipal Affairs, Public Infrastructure Renewal, Environment, Members of Transport Canada and Infrastructure Canada

Innovation: Consider all the alternatives for funding and financing to build a sustainable infrastructure platform.

Breadth: Balance the funding and support for all areas of infrastructure, from transportation to wastewater to energy.

Planning for the Long-term: Ensure future generations of Canadians do not inherit the same infrastructure crises we are experiencing today.

➡ Infrastructure Suppliers and Advisors

Consulting, Legal, Project Financing and Investment, Software

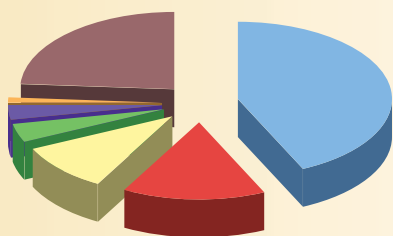
Learn New Developments: Recognize the advantages and challenges of the next steps in building sustainable infrastructure in Canada.

Network With Key Decision-Makers: Identify new opportunities and trends developing from innovations across the country.

Form New Alliances: Generate new sales and contracts and successfully collaborate with community leaders.

Drive Advancements: Have the potential of your products and services realized and benefit from new opportunities.

Who you'll meet:



■ Cities, Municipalities	43%
■ Federal Government	15%
■ Provincial Governments	10%
■ Academia	4%
■ Associations	3%
■ Union	1%
■ Industry Stakeholders	24%



Hear what delegates said about the Fourth Annual Summit:

“It is fascinating to see the movement towards incorporating financial and environmental sustainability and climate change.”

R. McDonald, *Municipal Services Analyst*,
Ministry of Municipal Affairs and Housing, Ontario

“Excellent conference, very useful information. I got new ideas and contacts.”

Kathy Cater, *Manager*, Region of Peel, Ontario

“Excellent presentations – relevant, current and thought-provoking.”

Doug Hawkins, *Director of Infrastructure Services*,
City of Lethbridge, Alberta

Send Your Entire Infrastructure Management Team

Ensure that you develop a common vision across your group by sending your entire team to this premier event. Allowing everyone on your team to attend will ensure open communication and an effective network implementation. Special team pricing provides great value for your conference dollar. See the registration form for details.

Ensure Your Leadership with a Customized Sponsorship/ Exhibit Package

By sponsoring this one-of-a-kind event, you can showcase your company as an industry LEADER. Ensure your presence is known—be visible at this premier event! Select sponsorship packages are still available. To learn more, contact **George Pollard** at 1-866-298-9343 ext. 272, or email pollard@strategyinstitute.com.

Day One

Tuesday September 30th, 2008

7:30 AM Registration & Sponsor Exhibits Open – Continental Breakfast

8:15 AM Opening Address From The Chair

8:30 AM **Case Study: City of Regina And Communities Of Tomorrow** **Fostering Local And Provincial Collaboration For True Innovation In Municipal Infrastructure**

True local infrastructure sustainability requires a sustainable business plan for communities. Innovation between the municipality and industry can create mutually beneficial partnerships for long-term success.

- ▶ Hear about the City of Regina's partnerships as well as other municipalities with local industry and researchers
- ▶ Develop better models to result in quicker turnaround of successful projects
- ▶ Create a culture of change and innovation

Hear how Regina and other municipalities are working in partnerships for the development and commercialization of products, strategies and technologies for sustainable infrastructure.



John Lee, *President and CEO, Communities of Tomorrow*



Kim Sare, *Director of Sustainable Development, City of Regina*

9:15 AM **Case Study: City of Seattle** **Best Practices In Green Building And Infrastructure For A Sustainable Future**

Green practices are becoming essential for liveable communities in today's environment. From natural drainage to distributed grid strategies, sustainable design is changing the nature of infrastructure worldwide. Hear about the City of Seattle's approaches to green design and policy development, including:

- ▶ Green Capital Projects and their real performance
- ▶ Seattle's Green Factor Landscape Code
- ▶ Green Incentive Zoning to reduce grid impacts
- ▶ Environmental review for greenhouse gases

Come away with a better understanding of how green initiatives and applications will impact your infrastructure planning.



Lucia Athens, *Former Manager, Green Building Program, Department of Planning and Development, City of Seattle*

10:00 AM Sponsor Exhibit Area – Networking Break

10:30 AM **Power Panel** **Implementing Power Projects Into Your Infrastructure Plans For Long-term Success**

Creativity and foresight are key in planning new infrastructure projects if long-term sustainability is the ultimate goal. Many projects can be enhanced with alternative energy and forward thinking attachments, such as incorporating a power project, which can improve self-sufficiency, increase efficiency and increase ROI.

- ▶ What programs exist now? ▶ What will be offered in the future?
- ▶ What are the options for bundling projects?

This panel looks at the benefits – and challenges – of incorporating a power project in your infrastructure plan.



Krista Hill, *Partner, Co-Head, Infrastructure and Energy Practice, Torys LLP*



Amir Shalaby, *Vice President, Power Systems Planning, Ontario Power Authority*



Art Stokman, *President, Guelph Hydro Electric Systems Inc.*

11:15 AM **Balancing Asset Management And New Development For Long-term Sustainability**

Canadian municipalities face a difficult task in managing their public assets while planning for smart growth. Hear about an integrated approach with complementary strategies to manage this delicate balance.

- ▶ Manage demand with policy approaches and techniques to change demand on our infrastructure
- ▶ Optimize asset life cycle to maximize the life of current infrastructure
- ▶ Free up money to dedicate to other infrastructure projects

Optimize your strategy to balance infrastructure management and growth.

Mark Damm, *CEO, Fuseforward, Partner, The Trilogics Group*

12:00 PM Exhibition Area – Networking Luncheon

1:30 PM **Councillors' Panel** **Getting The Job Done: Enhancing Communication With Councillors, The Public And Other Stakeholders**

One of the stiffest challenges to infrastructure programs is effective and clear communication between engineers, council and the public.

- ▶ Understand the expectations of all stakeholders
- ▶ Connect with residents, associations, the business community, and elected officials
- ▶ Develop stronger relationships and ensure positive perception

Take the right steps to ensure your project gets the attention it needs!

Gordon Landon, *Regional Councillor, Town of Markham*
More to come...

Register Today!

Call 1-866-298-9343, or e-mail registrations@strategyinstitute.com.

2:15 PM

Pros And Cons Of Including Ongoing Services In PPP Procurement: Understanding The Impact On Total Cost And Quality Of Your Project

Historically, PPP's have been overwhelmingly concerned with the construction of physical assets, and, in many cases, procurement officials have not actively pursued innovation and flexibility in the service design.

- ▶ Balance cost-effective construction and full-life cost of assets, and the ability to deliver the service for which it was built
- ▶ Minimize conflict between procurer, constructor, maintainer, and user of the asset

Hear case studies on how service-led PPP's are driving improvements in the total cost and quality of the final product of a PPP investment.



Paul Dalglish, *Managing Director,*
Serco Group Canada

3:00 PM Sponsor Exhibit Area – Networking Break

3:30 PM

Ensuring The Quality And Accuracy Of Capital Planning Data For Improved Life Cycle Costing Decision Making

This session will explore strategies to rapidly build adaptable life cycle costing models from acquisition to support and inventory models based on existing platforms, and how best to execute strategic decision-making analysis.

- ▶ Determine the probability of failure, failure models and the consequences
- ▶ Implement strategies to deal with risk
- ▶ Design a dollar valuation system that includes social and environmental consequences
- ▶ Develop a solution for connecting PSAB to both Asset Managers and Fiscal Authorities

Get the information you need to make the best use of the best data in your decision-making processes.

Karl Scharnitzky, *Director of Strategic Development,*
Capital Planning Solutions Inc.

4:15 PM Interactive Peer-to-Peer Exchange Forum Mitigating Knowledge Transfer Loss In The Face Of Skills Shortages

Imbalances of staffing, retirements, skill shortages – all pose serious challenges to long term infrastructure management. Join a group of your peers to discuss this issue. One person from each table will be nominated to share the findings with the rest of the delegates at the end of the session. Peer-to-peer sharing of experiences and brainstorming from different backgrounds can result in increased collective awareness of how to face loss of knowledge and expertise.

5:00 PM Cocktail Reception

Unwind and mingle with the delegates and speakers at our "exclusive" end-of-day cocktail reception. Bring your business cards!



Day Two

Wednesday October 1st, 2008

7:30 AM Registration & Sponsor Exhibits Open – Continental Breakfast

8:15 AM Recap Of Day One From The Chair

8:30 AM

Assessing The State And Performance Of Canada's Infrastructure And Its Vulnerability To Climate Change

With the real and projected increases in severe weather events across Canada, infrastructure has become vulnerable to climate change. With funding from Natural Resources Canada, Engineers Canada established the Public Infrastructure Engineering Vulnerability Committee which has developed a protocol to assess the vulnerability of infrastructure to climate change. Furthermore, the National Round Table on Sustainable Infrastructure, with funding from Infrastructure Canada, is working toward developing a framework for assessing the state and performance of Canada's Core Public Infrastructure. In this session you will:

- ▶ Hear about the protocol to assess the vulnerability of infrastructure to climate change
- ▶ Review case studies on assessments of water and wastewater systems, buildings, and roads

Learn about the work of the National Round Table on Sustainable Infrastructure.



Chantal Guay, ing., P.Eng., M.Env., *Chief Executive Officer,*
Engineers Canada

9:15 AM

Determining The Economic Impact Of Carbon Emissions On Your Civil Infrastructure Planning And Design

The design of sustainable infrastructure is inextricably tied into economic realities. The design and pricing of civil infrastructure can tackle the effects of urban sprawl, carbon emissions and air and water pollution. Professor Kennedy will address:

- ▶ The need for new and integrated infrastructure systems
- ▶ The steps toward reducing the ecological footprint of infrastructure programs
- ▶ Ways to optimize economic returns in the face of deteriorating infrastructure

Hear how research on the economic implications of a new generation of sustainable civil infrastructure will help to support your future planning.



Christopher Kennedy, *Associate Professor of Civil Engineering,*
University of Toronto

Agenda Continues (see next page) 

Register Today!

Call 1-866-298-9343, or e-mail registrations@strategyinstitute.com.

Day Two (continued)

Wednesday October 1st, 2008

10:00 AM Sponsor Exhibit Area – Networking Break
Interact with conference speakers and fellow attendees.

10:30 AM Case Study: Whistler Building Sustainable Communities And Infrastructure Through Collaboration And Innovation

Numerous municipal governments are integrating sustainability into their governance and decision making frameworks, day to day actions and long term planning. Come and hear the unique ways communities including Whistler, Halifax, District of North Vancouver, and City of Airdrie are advancing sustainability and supporting each other. Hear about:

- ▶ The scalable back-casting approach to sustainability planning
- ▶ The partnerships involved to create and implement the sustainability plan
- ▶ The different methods and tools developed to integrate sustainability into decision making (from antifreeze to pipelines)

Hear how Canadian communities are taking their sustainable future into their own hands, and apply the tips to your own!

John Purkis, Director of Advisory Services, The Natural Step Canada

11:15 AM Getting The Best Financing Solution By Attracting Investors With A Sound Project Structure

Secure and stable funding for public infrastructure is a constant challenge. Attracting investors requires a carefully structured project.

- ▶ Hear lessons learned from real life projects
- ▶ Understand the varied approaches to financing infrastructure
- ▶ Get tips on bundling infrastructure projects to attract investors

Come away with a better understanding of how to attract investors and ensure that you meet your long-term goals.

12:00 PM Exhibition Area – Networking Luncheon

1:30 PM Case Study: City of Ottawa Alternative Energy: Enhancing Local Sustainability Through Converting Waste To Energy

Growing areas face growing energy and waste management challenges, both of which affect infrastructure management. Conversion of waste to energy can alleviate the burden.

- ▶ Extend the life of aging landfill sites and protect the environment
- ▶ Meet the energy needs of a growing population
- ▶ Encourage sustainable growth

Hear about the potential for alternative solutions from the partnership between the City of Ottawa and the Plasco Energy Group!

Rod Bryden, CEO, Plasco Energy Group

2:15 PM Water/Wastewater Benchmark Designing Performance Measures To Support Competing Aspects Of Infrastructure Management

Performance measures are becoming widely used to report on a growing number of important strategic initiatives including Sustainability, Asset Management, and Regulatory Compliance to name only a few. But how can today's infrastructure manager allocate effort and resources amongst competing demands if performance measures do not roll up to the executive planning level?

- ▶ How do you determine allocation of budgets amongst competing requirements for continuous improvement?
- ▶ How can performance measures roll up to report on overall system works – and what are some potential pitfalls?
- ▶ Hear case studies from the National Water and Wastewater Benchmarking Initiative which illustrate some interesting results

Come away with a better idea of how to conduct performance measurement for all aspects of infrastructure management.



David Main, Project Manager, National Water and Wastewater Benchmarking Initiative, Earth Tech

3:00 PM Sponsor Exhibit Area – Networking Break
Continue the debate and discussion with your peers while enjoying a refreshing break.

3:30 PM Legal Liability for Failing to Adapt Infrastructure to Climate Change Risks

There is an evolved and rapidly developing state of knowledge about climate change. Acceptance of climate change has now become widespread, and there is now a significant understanding of the effects of climate change across Canada. This session will identify potential legal liability for:

- ▶ Governmental and quasi-governmental authorities, developers, owners, contractors, and design professionals
- ▶ Failing to take into account the impact of climate change risks when planning, designing, constructing, and operating infrastructure projects



Sabrina A. Gherbaz, Partner, Co-Head, Infrastructure and Energy Practice, Torys LLP



Register Today!

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4:15 PM

Climate Change: A Global Challenge With Local Implications For Infrastructure

Climate change means that historical climate patterns and weather trends are no longer reliable predictors of future events, and is having a significant impact on Canada's urban and rural infrastructure. While it is a global phenomenon, responses must be developed at a local level. There is no single 'correct and universal' adaptation response that is practical for every infrastructure system. Urban and rural municipalities need practical diagnostics and tools to help identify and prioritize infrastructure vulnerabilities. This session will:

- ▶ Outline some of the challenges faced by municipalities
- ▶ Identify recent work on developing the necessary diagnostics
- ▶ Explore what to expect in the years ahead
- ▶ Discuss what some jurisdictions are doing in the meantime



Michael Mortimer, *Program Manager, Construction Standards, Canadian Standards Association*

5:00 PM Conference Adjourns

Our Conference Venue: The Suites at 1 King West



Constructed in 1914 as the Head Office of The Dominion Bank of Canada, the building was one of the tallest in Toronto. Showcasing a spectacular 45-foot high ceiling, the Great Banking Hall, our conference venue, will

take your breath away. The hotel is extremely proud to preserve and enhance such a significant piece of Canadian history and architecture. Situated directly in the heart of Toronto's business, entertainment and shopping districts, you are placed at the hub of everywhere and everything. Direct access to the underground PATH system makes traveling on foot or by public transit easy and convenient in any climate. Enjoy the elegance of history and convenience of being at Yonge & King streets.

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Reservations: 1-866-470-KING | Direct: 416-548-8100
www.onekingwest.com.

Book by August 25th to receive our conference rate of \$179/night. Limited rooms. Call today!

Essential Pre-Conference Workshop Monday September 29th, 2008

1:00 PM to 4:00 PM

Canadian Utilities Asset Management Strategies:

Supporting Asset Management Practices And Needs For North American Utilities

Optimizing Asset Management practices is key for all utilities. This interactive and practical workshop will give you the tools and strategies you need to enhance your utility asset management planning and execution for the long-term, using the Water and Wastewater Industry as a model. There is an abundance of information, opinions, models, best practices, software and experts on the topic, but every utility needs a unified vision and research roadmap to fill knowledge and technology gaps in asset management. Using the Water Industry as a case study, this workshop will deliver on:

- ▶ The status of asset management and industry gaps
- ▶ Case studies of real world situations
- ▶ Developing a roadmap forward
- ▶ Tailored asset management reviews for specific participant utilities
- ▶ IT support for your asset management program

Don't miss this exclusive workshop — get all the solutions you need to better manage your utility infrastructure and operational assets!

Christopher Saill, *Director, Project Oversight,*
Technology Associates International Corporation



Strategy Institute is proud to be a facilitator of information sharing for the public sector for over 10 years. We strive to strengthen the foundation of Canada's economy through annual conferences such as "CAMPSI (Canadian Asset Management Planning for Sustainable Infrastructure)", "Municipal Wireless Summit", "CAN BUILD (Brownfields)", "GTA Transportation Summit", and more. Our higher purpose is to provide infrastructure decision-makers with the knowledge and tools they need to ensure a higher standard of life for all Canadians.

How to Register (see next page)

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You Will Hear About:

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- Alternative energy and power
- Infrastructure deficit
- Transportation
- Environment
- Water and wastewater
- Asset management
- Long-term sustainability

How to Register:



E-Mail:

registrations@strategyinstitute.com



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Toronto, Ontario M5V 3A8

Government & NGO Investment

is \$995 (Plus 5% GST). Those groups eligible for this rate include employees of municipalities, county, city, provincial and federal elected government officials and civil servants, and non-government organizations (NGOs). Strategy Institute reviews all registrations and reserves the right to determine special pricing privileges.

Regular Investment is \$1895 (Plus 5% GST). This rate applies to business, industry, consultant, advisor or industry association involved in infrastructure, transportation, technology, urban planning, construction or any other related business.

Registration Fee:

The registration fee includes luncheon, receptions, refreshments, networking breaks, continental breakfast, and original course materials. Payment is required in advance and can be made by company cheque, VISA, MasterCard, or American Express. Please make cheques payable to the Strategy Institute Inc. and write the registrant's name on the face of the cheque.

Team Discount:

The discount is available not in combination with any other offer. To be eligible for the Team Discount, delegates MUST register at the same time. The total discount per delegate (including applicable team discounts, etc.) MUST not exceed 25% of the regular conference fee.

Cancellations:

Cancellations must be received in writing by September 16th, 2008. Cancellations received by this date will be eligible for a prompt refund less a \$495.00 administration fee. If you register for the program and do not attend, you are liable for the full registration fee unless you cancel according to the terms stated above. If you are unable to attend, delegate substitution is permitted up to, and including, the day of the conference.

CONFERENCE CODE: 108022

VIP Code: A

Please register this person for:
5th Annual Future of Canada's Infrastructure

1 Conference Pricing

	Government & NGOs	Regular Rate
Conference ONLY	<input type="checkbox"/> \$995*	<input type="checkbox"/> \$1895*
Conference + 1 Workshop	<input type="checkbox"/> \$1295*	<input type="checkbox"/> \$2195*
Pre-Conference Workshop	<input type="checkbox"/> \$395	<input type="checkbox"/> \$395

*Conference Binder (\$495 Value) INCLUDED

Register by July 26th and Save \$200!

2 Contact Details

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