

# Sustainability by Design Research Roundtable

## Participant list



Theme	Name	Position	Affiliation	Events Attending	Chair
Keynote	<b>Mike Harcourt</b>	Former Premier of BC		March 24, April 16, June 16	
Economy	<b>Tom Leung</b>	President	Global Retail Strategies	March 24, April 16, June 16	<b>Economy chair</b>
	<b>Isabel Budke</b>	Project Manager, Design Centre for Sustainability	University of British Columbia	March 24, April 16, June 16	<b>Economy co-chair</b>
	<b>Carol Mak</b>	Project Manager	Global Retail Strategies	March 24, April 16, June 16	<b>Recorder</b>
	Bill Rees	Professor, School of Community and Regional Planning	University of British Columbia	June 16	
	Brent Toderian	Director of Planning	City of Vancouver	April 16	
	John Nightingale	Chair	Vancouver Board of Trade	April 16, June 16	
	Mark Roseland	Director, Centre for Sustainable Community Development	Simon Fraser University	March 24, April 16	
	Neal LaMontagne	Senior Planner - City-Wide and Regional Planning	City of Vancouver	March 24, April 16, June 16	
	Rachel Boston	Senior Policy Advisor, Strategic Policy	Ministry of Environment	April 16, June 16	
	Roger Everett	Senior Project Manager	Ministry of Economic Development	April 16, June 16	
Energy	<b>Dale Littlejohn</b>	Manager, Community Outreach and Strategy	Community Energy Association	March 24, April 16, June 16	<b>Energy chair</b>
	<b>Nicole Miller</b>	Project Coordinator, Design Centre for Sustainability	University of British Columbia	March 24, April 16, June 16	<b>Energy co-chair</b>
	<b>Rachael Cabrera</b>	Operations Manager, Design Centre for Sustainability	University of British Columbia	March 24, April 16, June 16	<b>Recorder</b>
	Gordon Price	Director, SFU City Program	Simon Fraser University	April 16, June 16	
	Jeff Carmichael	Senior Economist	Metro Vancouver	March 24, April 16, June 16	
	Kip Morison	Manager, Long Term Planning and R&D	BC Transmission Corporation	March 24, April 16, June 16	
	Peter Ostergaard	Sustainability Facilitator & Energy Coordinator	Smart Planning for Communities	March 24, April 16, June 16	
	Ray Kan	Senior Planner	Metro Vancouver	April 16, June 16	
	Robyn Wark	Sustainable Communities Senior Key Account Manager	BC Hydro	March 24, April 16, June 16	
	Ron Kellett	Professor, School of Architecture and Landscape Architecture	University of British Columbia	June 16	
Ted Sheldon	Senior Climate Change Planning Analyst	Ministry of Environment	April 16, June 16		
Food	<b>Kevin Connery</b>	Director of Sustainability	PWL partnership	March 24, April 16, June 16	<b>Food chair</b>
	<b>Colin O'Byrne</b>	Researcher, Design Centre for Sustainability	University of British Columbia	March 24, April 16, June 16	<b>Food co-chair</b>
	<b>Lindsay Raftis</b>	Researcher, Design Centre for Sustainability	University of British Columbia	March 24, April 16, June 16	<b>Recorder</b>

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Food	Arthur Fallick	Director, Institutional transitions	Kwantlen Polytechnic University	March 24, April 16, June 16	
	Arzeena Hamir	Journalist, Organic farming show host	Independent	April 16	
	Claire Gram	Regional Coordinator, Healthy Communities and Community Food Security	Vancouver Coastal Health	April 16, June 16	
	David Tracey	Coordinator, Vancouver Community Agricultural Network	City of Vancouver	March 24, April 16, June 16	
	Deepthi Jayatilaka	Provincial Manager, Community Food Action Initiative	Ministry of Health	April 16, June 16	
	Herb Barbolet	Associate, Centre for Sustainable Development	Simon Fraser University	March 24, April 16, June 16	
	James Richardson	MASLA Student	University of British Columbia	April 16, June 16	
	Jim LeMaistre	Land Use Planner, Strengthening Farming Program	Sustainable Agricultural Management Branch, Ministry of Agriculture	April 16, June 16	
	Kent Mullinix	Sustainable Agricultural Specialist, Institute for Sustainable Horticulture	Kwantlen Polytechnic University	March 24, April 16, June 16	
	Wendy Mendes	Planner	North Vancouver	April 16	

Mobility	<b>Duncan Cavens</b>	Sessional Instructor, School of Architecture and Landscape Architecture	University of British Columbia	April 16, June 16	<b>Mobility chair</b>
	<b>Sara Muir Owen</b>	Project Manager, Design Centre for Sustainability	University of British Columbia	March 24, April 16, June 16	<b>Mobility co-chair</b>
	<b>Lauren English</b>	Student Intern, Design Centre for Sustainability	University of British Columbia	April 16	<b>Recorder</b>
	Anthony Perl	Director, Urban Studies Program	Simon Fraser University	June 16	
	Darrell Desjardin	Director, Environmental Programs	Vancouver Fraser Port Authority	April 16, June 16	
	Eric Doherty	Transportation Director	BC Sustainable Energy Association	March 24, April 16, June 16	
	Lyle Walker	Transportation Planner	Translink	April 16	
	Jack Becker	Past Chair	Vancouver Area Cycling Coalition	March 24, April 16, June 16	
	Josh van Loon	PhD Candidate, School of Community and Regional Planning	University of British Columbia	April 16, June 16	
	Liliana Quintero	Civil Engineering Student	University of British Columbia	March 24, April 16, June 16	
	Maged Senbel	Assistant Professor, School of Community and Regional Planning	University of British Columbia	April 16, June 16	
	Margaret Mahan	Executive Director	Better Environmentally Sound Transportation	March 24, April 16, June 16	
	Sawngjai Manityaku	Planning Student	University of British Columbia	March 24, April 16, June 16	

Theme	Name	Position	Affiliation	Events Attending	Chair
	Todd Litman	Chair, Victoria Transport Policy Institute; Associate Professor., School of Community and Regional Planning	University of British Columbia	April 16, June 16	
	Ugo Lachapelle	PhD Candidate, School of Community and Regional Planning	University of British Columbia	April 16, June 16	
Natural Habitat	Val Schaefer	Faculty Coordinator, Restoration of Natural Systems Program	University of Victoria	March 24, April 16, June 16	Habitat chair
	Sara Fryer	Researcher, Design Centre for Sustainability	University of British Columbia	March 24, April 16, June 16	Habitat co-chair
	Inna Olcholovski	Student Intern, Design Centre for Sustainability	University of British Columbia	April 16	Recorder
	Daniel Roehr	Assistant Professor, School of Architecture and Landscape Architecture	University of British Columbia	June 16	
	Heidi Gibson	Director, Citizen's Conservation Council	LiveSmart BC	April 16, June 16	
	Jan Kirkby	Landscape Ecologist	Canadian Wildlife Service	June 16	
	Katherine Dunster	Principal	Unfolding Landscapes	March 24, April 16, June 16	
	Maria Emerson	Senior Policy Advisor	Ministry of the Environment	April 16, June 16	
	Pamela Zevit	R.P. Bio	Adamah Consultants	April 16, June 16	
	Patrick Mooney	Associate Professor, School of Architecture and Landscape Architecture	University of British Columbia	March 24, April 16, June 16	
	Shane Ford	Coordinator, Conservation Data Centre	Ministry of Environment	April 16, June 16	
Xenia Semeniuk	Researcher, GreenSkins Lab	University of British Columbia	March 24, April 16, June 16		
Water	Kim Stephens	Project Coordinator	Water Sustainability Action Plan for BC	March 24, April 16, June 16	Water chair
	Sheryl Webster	Project Coordinator, Design Centre for Sustainability	University of British Columbia	March 24, April 16, June 16	Water co-chair
	Helena Farrell	Student Intern, Design Centre for Sustainability	University of British Columbia	April 16	Recorder
	Derek Lee	Landscape Architect	PWL partnership	March 24, April 16, June 16	
	Fin Donnelly	City Councilor, Coquitlam	Executive Director, Rivershed Society of BC	April 16, June 16	
	Hans Schrier	Professor, Institute for Resources, Environment and Sustainability	University of British Columbia	March 24, April 16	
	Nick Page	Registered Biologist	Raincoast Applied Ecology	March 24, April 16, June 16	
	Patrick Lucey	Senior Aquatic Ecologist	Aqua-tex Scientific Consulting	March 24, April 16, June 16	
	Paul Ham	Past chair	Green Infrastructure Partnership	June 16	

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Theme	Name	Position	Affiliation	Events Attending	Chair
	Ted van der Gulik	Senior Engineer, Resource Mgmt Branch	Ministry of Agriculture and Lands	March 24, April 16, June 16	
	Zo Ann Morten		Pacific Streamkeepers Federation	March 24, April 16, June 16	

**Design Centre for Sustainability  
Sustainability by Design Leadership Committee  
Terms of Reference**

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**Purpose and Mandate**

The purpose of the Leadership Committee is to offer guidance and support to a number of diverse projects within the Sustainability by Design Initiative.

**Committee Objectives**

- i) To review plans and projects and provide advice on future direction
- ii) To assist with fundraising strategies
- iii) To provide advice and assistance on developing synergies with other agencies and organizations to bolster program goals and objectives
- iv) To assist with networking, communication and outreach
- v) To elaborate on opportunities to facilitate a stakeholder driven, multidisciplinary design process, using the charrette method.

**Establishment**

The Leadership Committee was established by The Design Centre for Sustainability(DCS) team, in March 2009 to assist in the development of the Sustainability by Design Initiative Part 2.

**Composition**

The Leadership Committee consists of a maximum of twenty (20) members.

**Chair & Vice-Chair**

The leadership Committee shall, at its first meeting, elect a Chair and Vice-Chair.

**Committee Membership Terms of Appointment**

The Leadership Committee members are appointed for a two year term.

The Committee membership will terminate if a member resigns from the committee, breaches confidentiality, or is absent, except for reasons of illness or with the leave of

the Leadership Committee, from two (2) consecutive regular meetings of the Committee.

Members will serve without remuneration.

### **Time and Frequency of Meetings**

The Leadership Committee will hold two (2) meetings per year.

Each meeting not to exceed two (2) hours.

Meetings will be held at UBC Robson Square, 800 Robson Street, Vancouver, BC The first meeting will be held on April 2<sup>nd</sup>, 2009 with an anticipation of the last meeting in April 2011.

The DCS Staff member appointed to the Committee will be responsible for calling meetings, preparing agendas and circulating meeting summaries to all Committee members.

### **Structure**

The Chair and Vice-Chair will preside at all meetings. The meetings will be facilitated by a member of the DCS team. The order of business shall ordinarily be as set out in the Agenda, except that items may be added to the Agenda by majority vote of the members present.

At the time of this report the Leadership Committee includes:

- Patrick Condon, Senior Researcher, Design Centre for Sustainability (DCS)
- Elisa Campbell, Executive Director, Design Centre for Sustainability (DCS)
- Jackie Teed, Senior Manager, Design Centre for Sustainability (DCS)
- Robyn Wark, Sustainable Communities, BC Hydro
- Tom Leathem, Corporation of Delta
- Kim Stephens, British Columbia Water & Waste Association
- Cheeying Ho, Executive Director, Whistler Centre for Sustainability
- Marion Town, Regional Manager, Fraser Basin Council
- Michael Geller, Centre for Sustainable Community Development, SFU
- Jane Pickering, Director of Planning, District of Maple Ridge
- Erick Karlsen, Chair, Agricultural Land Commission
- Richard White, Director of Community Development, City of North Vancouver
- John Beveridge, Environment Canada
- Susan Haid, Manager Sustainability Planning, District of North Vancouver
- John Robinson, Institute of Resources, Environment, Sustainability, UBC



Sustainability by Design

Research Roundtable  
Workshop One - Water

## Living Water Smart in Metro Vancouver:

### Alignment of Regional Actions with Provincial Goals

**Kim Stephens**, MEng, PEng  
Program Coordinator  
Water Sustainability Action Plan for BC

Chair  
Metro Vancouver LWMP Reference Panel

Chair  
Sustainability by Design Water Group



*“What the Cell is to the Body, The Site is to the Region”*



## Presentation Outline

- Provincial Goals Provides Direction
- Regional Regulation Drives Action
- How SxD Can Make a Contribution

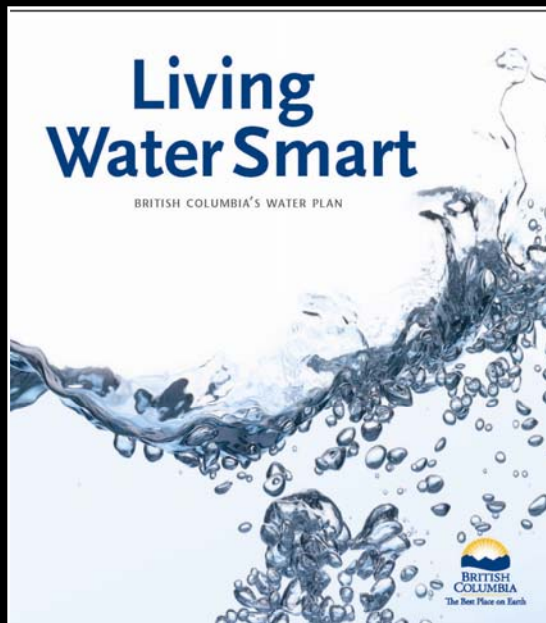




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## **‘Living Water Smart, BC’s Water Plan’ is a visionary document**



It encourages local governments to:

- do business differently
- prepare communities for change
- choose to be water smart

## **Provincial Goals**



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# Green Communities Project

complements and supports

## Living Water Smart



## Key Messages:

The Province is fostering partnerships, collaboration, innovation and integration

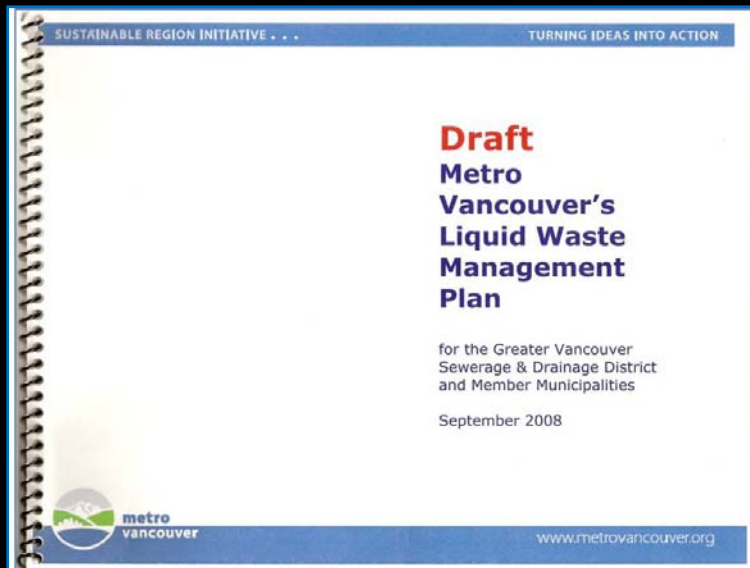
The Province is leveraging change through grants

## Provincial Goals



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## Key Message:

The LWMP is a powerful regulatory tool that has the potential to truly effect change for the better on the ground

# Regional Regulation



**The Reference Panel identified these  
theme areas for structuring the Plan Elements:**

***NATURAL ENVIRONMENT:***

protection and/or improvement of stream habitat  
and marine receiving environment

***SEWAGE TREATMENT:***

technology choices, level of treatment and innovation

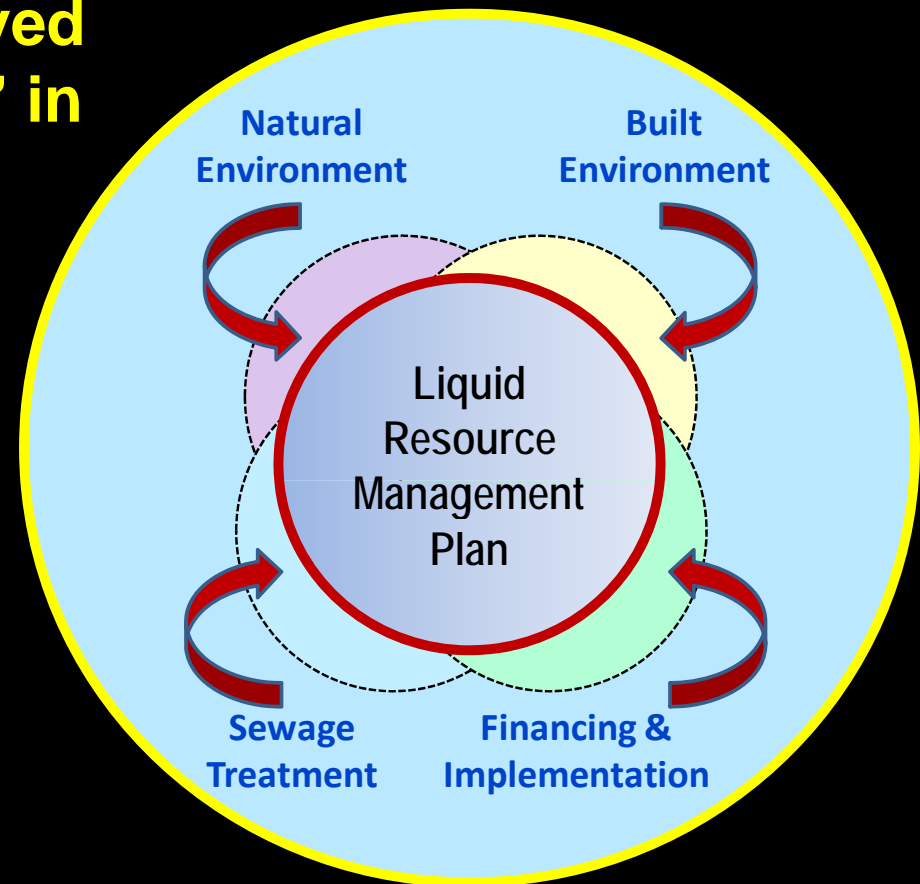
***BUILT ENVIRONMENT:***

asset management, cost control &  
greening of urban landscape

**Regional Regulation**



The 'theme areas' have evolved into a 'model for integration' in the region



Regional Regulation



We have informed the Metro Vancouver Board that a **'Design with Nature'** approach and re-use of resources are key to climate change adaptation which must be part of this plan

- Develop compact, complete communities
- Increase transportation options
- Re-use and recycle water, energy and nutrients from liquid wastes
- Protect and restore urban 'green' space
- Strive for a lighter 'hydrologic footprint'
- Achieve higher levels of stream, wetland and receiving water protection

**Regional Regulation**



## **SxD participants can help advance THE NEW BUSINESS AS USUAL by...**

1. Championing the Living Water Smart Vision, in particular these objectives for doing business differently:
  - **STREAM HEALTH:**  
*By 2012, all land and water managers will know what makes a stream healthy, and therefore be able to help land and water users factor in new approaches to securing stream health and the full range of stream benefits*
  - **WATER USE:**  
*By 2020, overall water use in British Columbia will be 33% more efficient*
2. Advocating use of the Water Balance Model to establish watershed-specific targets that achieve the stream health objective

**SxD Contribution**





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Research Roundtable  
Workshop One - Water

## The New Business As Usual:

Visualize What We Want Metro Vancouver to Look Like in 50 years



***The Mission is to  
Create a Legacy***

- 1. Influence choices by individuals and organizations*
- 2. Use the term "sustainability" as a lens for considering approaches that influence choices*

**SxD Contribution**