



The Lake Winnipeg Basin Summit



Agenda



Water Innovation Centre

iisd International Institute for Sustainable Development Institut international du développement durable



The Lake Winnipeg Basin Summit

Our Lake, Our Solutions

Focus Question:

“How do we create and take advantage of opportunities for Manitoba’s economy while reducing nutrient loading within the Lake Winnipeg Basin?”



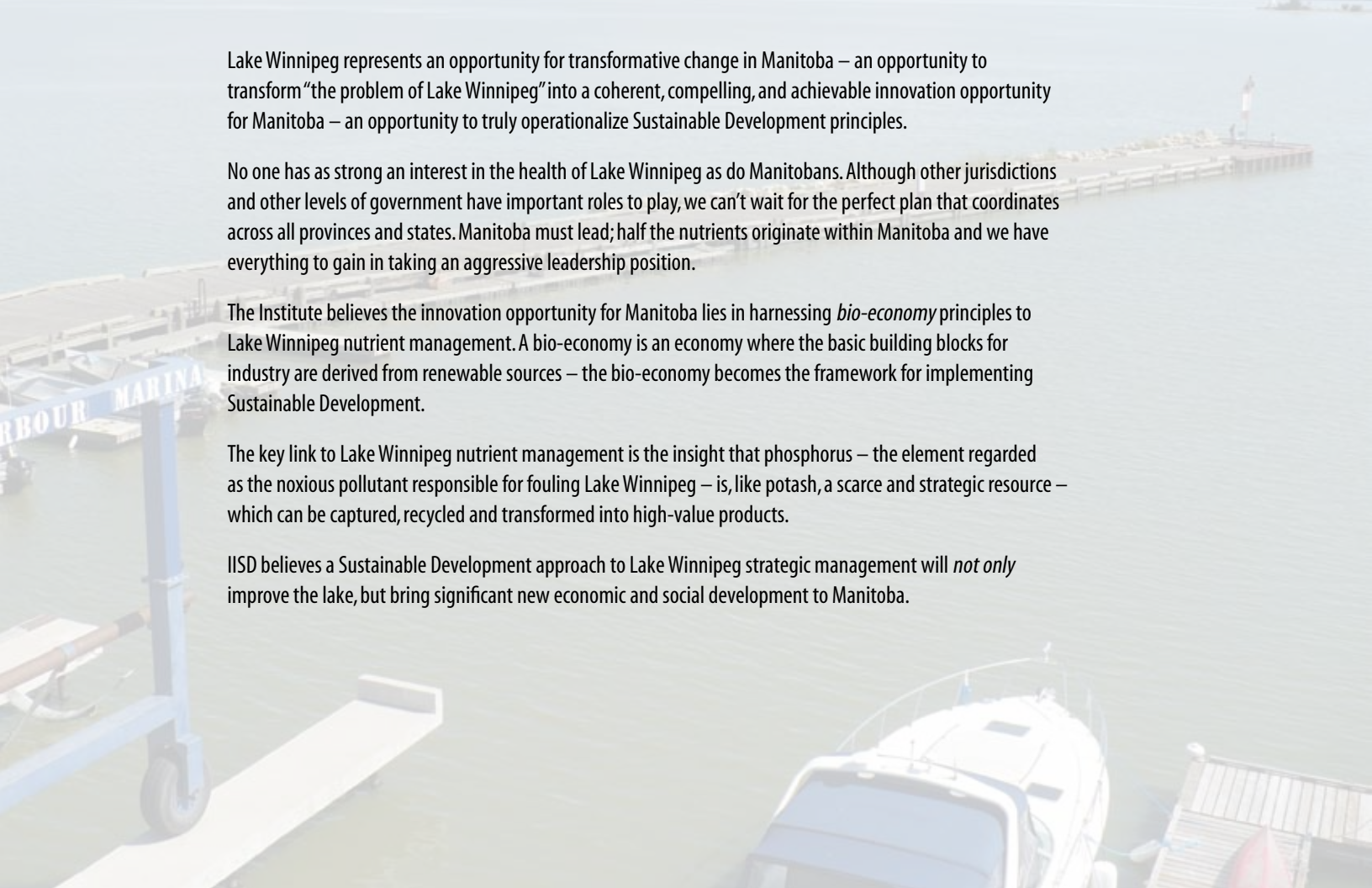
Lake Winnipeg represents an opportunity for transformative change in Manitoba – an opportunity to transform “the problem of Lake Winnipeg” into a coherent, compelling, and achievable innovation opportunity for Manitoba – an opportunity to truly operationalize Sustainable Development principles.

No one has as strong an interest in the health of Lake Winnipeg as do Manitobans. Although other jurisdictions and other levels of government have important roles to play, we can’t wait for the perfect plan that coordinates across all provinces and states. Manitoba must lead; half the nutrients originate within Manitoba and we have everything to gain in taking an aggressive leadership position.

The Institute believes the innovation opportunity for Manitoba lies in harnessing *bio-economy* principles to Lake Winnipeg nutrient management. A bio-economy is an economy where the basic building blocks for industry are derived from renewable sources – the bio-economy becomes the framework for implementing Sustainable Development.

The key link to Lake Winnipeg nutrient management is the insight that phosphorus – the element regarded as the noxious pollutant responsible for fouling Lake Winnipeg – is, like potash, a scarce and strategic resource – which can be captured, recycled and transformed into high-value products.

IISD believes a Sustainable Development approach to Lake Winnipeg strategic management will *not only* improve the lake, but bring significant new economic and social development to Manitoba.



Inn at The Forks | East and West Ballroom: 2nd Floor

DAY 1: TUESDAY, NOVEMBER 30, 2010

8:00-8:30 am

Continental Breakfast and Registration
East and West Ballroom: 2nd Floor

8:30-9:30 am

SESSION 1 – Welcome Remarks and Overview of Summit Objectives

Daniel Gagnier – IISD Chair of the Board

- Hon. Greg Selinger, Premier of Manitoba
- Franz Tattenbach, President & CEO, IISD
- Overview of Summit Objectives • Dr. Henry David (Hank) Venema, Director, Water Innovation Centre
- Facilitators: Darren Swanson and John Fjeldsted

9:30-11:45 am

SESSION 2 – The Story of the Basin: Understanding the Past and Present

- A Historical Perspective: Karla Zubrycki, IISD Water Innovation Centre
- ‘Lake Winnipeg as an Indicator of Basin Dynamics’ • Dr. Karen Scott, Lake Winnipeg Research Consortium
- **Nutrition and Networking Break**
- Facilitated Group and Plenary Discussion to understand current conditions and opportunities in the Lake Winnipeg Basin

11:45 am-12:30 pm

SESSION 3 – Building A Vision: Principles for Creating Opportunity and Reducing Nutrient Loading

- ‘Principles of a Desired Future’ • Dimple Roy, IISD Water Innovation Centre. Highlighting innovation successes from Manitoba and worldwide
- ‘Integrated Sustainability Solutions’ • Bryan Yeh, SAIC

12:30-1:30 pm

LUNCH and Water Innovation Updates

- Briefing by Living Lakes Network
- Message and introduction by the Royal Bank of Canada
- ‘Outcomes of the Canadian Water Summit’: Anthony Watanabe, Innovolve Group

1:30-2:30 pm

SESSION 3 (Continued) – Building A Vision: Principles for Creating Opportunity and Reducing Nutrient Loading

- Facilitated Group and Plenary Discussion to identify key principles for creating economic opportunity and reducing nutrient loading

Agenda

2:30-4:45 pm

SESSION 4 – Articulating A Vision of the Future for the Year 2040

- ‘Watershed of the Future’: Matthew McCandless and Dean Medeiros, IISD Water Innovation Centre. Highlighting an illustrative example that links innovation and nutrient management with business opportunity
- **Nutrition and Networking Break**
- Facilitated Group and Plenary Discussion to articulate a vision of the future in 2040 where nutrient loading is reduced by creating and leveraging economic opportunities

4:45-5:00 pm

CLOSING – What We Covered on Day ONE and What Will Happen during Day TWO

‘Lake Winnipeg Science and Solutions’: A Community Forum Hosted by the Lake Winnipeg Foundation with IISD’s participation **featuring the Manitoba premiere of CHOKING LAKE WINNIPEG – A Video Documentary**

Immediately followed by **RED ZONE II** – A Panel Discussion facilitated by Hon. Gary Filmon, P.C., O.M. IMAX Theatre – 3rd Level, Portage Place, 393 Portage Ave. – (204) 956-4629

Tuesday, November 30th – Reception 5:15-6:00 pm, Video at 6:00 pm followed by RED ZONE II

DAY 2: WEDNESDAY, DECEMBER 1, 2010

8:00-8:45 am

Introduction to Day TWO

Daniel Gagnier, IISD Board Chair

- Continental Breakfast and Greetings from Manitoba Hydro
- Message from Minister of Water Stewardship, Hon. Christine Melnick
- Objectives for Day TWO by Dr. Henry David (Hank) Venema

8:45-9:30 am

Guest Presentations – Experiences from Outside the Basin

- ‘Lake Winnipeg – Symbol and Symptom’: Dr. Bob Sandford, Chair, Canadian Partnership Initiative of the UN International Water for Life Decade
- ‘Supply Chain and Market Opportunities for Water Quality Improvement’: Dr. Tom Simpson, President and Executive Director, Water Stewardship Inc.

CONT'D >

Agenda

9:30-11:00 am

**SESSION 4 (Continued from Day ONE)
Articulating a Vision of the Future - 2040**

- Recap of Day ONE by Summit Facilitators
- Questions and plenary discussion
- Nutrition and networking break

11:00 am-12:30 pm

**SESSION 5 – Building a Process for Achieving the
Vision of the Future**

- Facilitated Group and Plenary Discussion to build a process for achieving the vision of the future

12:30-1:30 pm

LUNCH and Keynote Address

- Success Stories from Costa Rica • Franz Tattenbach, IISD President & CEO

1:30-3:00 pm

SESSION 6 – Critical Next Steps

- Overview of Session 5 Outcomes by Summit Facilitators
- Facilitated Group and Plenary Discussion clarifying critical next steps and responsibilities

3:00 – 3:15 pm

CLOSING REMARKS

- Dr. Henry David (Hank) Venema, Director, IISD Water Innovation Centre

The Lake Winnipeg Basin is Canada's #1 Water Hot Spot

That is why the Lake Winnipeg Basin is also the inaugural project of the Water Innovation Centre (WIC). Centre staff research new policy, management and technology concepts for integrated water resources management. Since water is a critical entry point for implementing sustainable development, the Centre was established by IISD to demonstrate innovative water management solutions that achieve social, environmental and economic goals.

THE WIC VISION:

To protect and preserve the world's most precious resource: WATER

THE WIC AIM:

To promote sustainable development approaches for water worldwide

FOR MORE INFORMATION, PLEASE CONTACT:

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For more details on the Water Innovation Centre, visit
<http://www.WaterInnovationHub.org/>

The International Institute for Sustainable Development

Established in 1990, IISD is a non-partisan, charitable organization specializing in policy research, analysis and information exchange. Through our offices in Winnipeg, Ottawa, New York and Geneva, we apply human ingenuity to improve the well-being of the world's environment, economy and society.



For more details about IISD, visit <http://www.iisd.org>