



**NETWORKED LED
STREETLIGHTS
FOR INTELLIGENT
COMMUNITIES**

2017 LIGHTSAVERS WORKSHOP

VANCOUVER
AGENDA



LIGHTSAVERS CANADA is a market transformation initiative of the Canadian Urban Institute (CUI), started by the Atmospheric Fund in 2008 and led by CUI since 2012. LightSavers' purpose is to accelerate the adoption and deployment of smart and connected LED lighting systems in street and parking areas across Canada. Switching to LEDs saves energy, reduces GHGs and provides a platform for more connected intelligent cities.

As a non-profit, non-partisan organization, we work to support this technology transformation by creating and sharing resources and convening conversations between stakeholders. During the Spring/Summer of 2017, LightSavers will be hosting four workshops across Canada.

Please join us in Vancouver on June 29, 2017 to discuss emerging technologies in networked LED streetlighting and the opportunities for overcoming existing barriers, with expert speakers from BC Hydro & Colliers Project Leaders.

LIGHTSAVERS CANADA

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Thank you to our **WORKSHOP SUPPORTERS:**



Colliers
Project Leaders

Agenda

When: Thursday, June 29, 2017

Where: McLernon Boardroom, 200 Granville St, 19th Floor, Vancouver V6C 2R6

8:30AM REGISTRATION & LIGHT BREAKFAST

9:00AM

INTRODUCTION & LIGHTSAVERS OVERVIEW

Geneva Starr, Canadian Urban Institute

Summary of 2017 LightSavers initiatives and resources including our two primers on realized results of LED streetlights and building intelligent communities with advanced streetlighting.

Q&A

9:45AM

ADVANCED STREETLIGHTING IN BC: A TRIAL OF 5 MANUFACTURERS

Cristian Suvagau, Team-Lead of Specialist Lighting and Management Engineer, BC Hydro

Jason Zhang, Senior Engineering – Lighting, BC Hydro

BC Hydro currently owns and operates almost 100,000 HID street lights and plans to replace them with LED technology starting next year. In order to better understand the LED streetlight performance, to create the required LED streetlight specification, BC Hydro has conducted a yearlong pilot project in one Lower Mainland municipality that included testing controls from few leading manufacturers.

Q&A

10:35AM COFFEE BREAK

10:45AM

CASE STUDY HALIFAX & SAULT STE MARIE: LESSONS LEARNED

Ralf Nielsen, Principal & Director of Sustainability, Colliers Project Leaders

Halifax and Sault Ste. Marie are two Canadian municipalities leading in full-scale implementation of LED streetlights integrated with networked adaptive controls. Ralf will discuss the successes and transferable lessons learned of each project and the future opportunities of these advanced technologies.

Q&A

11:25AM

DISCUSSION NEXT STEPS

All Participants

Smaller group discussions on the remaining barriers to LED streetlighting and networked control systems and resources/next steps required for overcoming these challenges.

REPORT BACK

12:00PM WRAP UP & ADJOURNMENT