



NATIONAL CAPITAL COMMISSION
COMMISSION DE LA CAPITALE NATIONALE

Capital Illumination Plan

Board of Directors
Progress Report, September 12, 2016





Progress Report

- **Phase 1.** findings
- **Phase 2.** vision and principles
- **Consultation and partnerships**
- **Next steps**



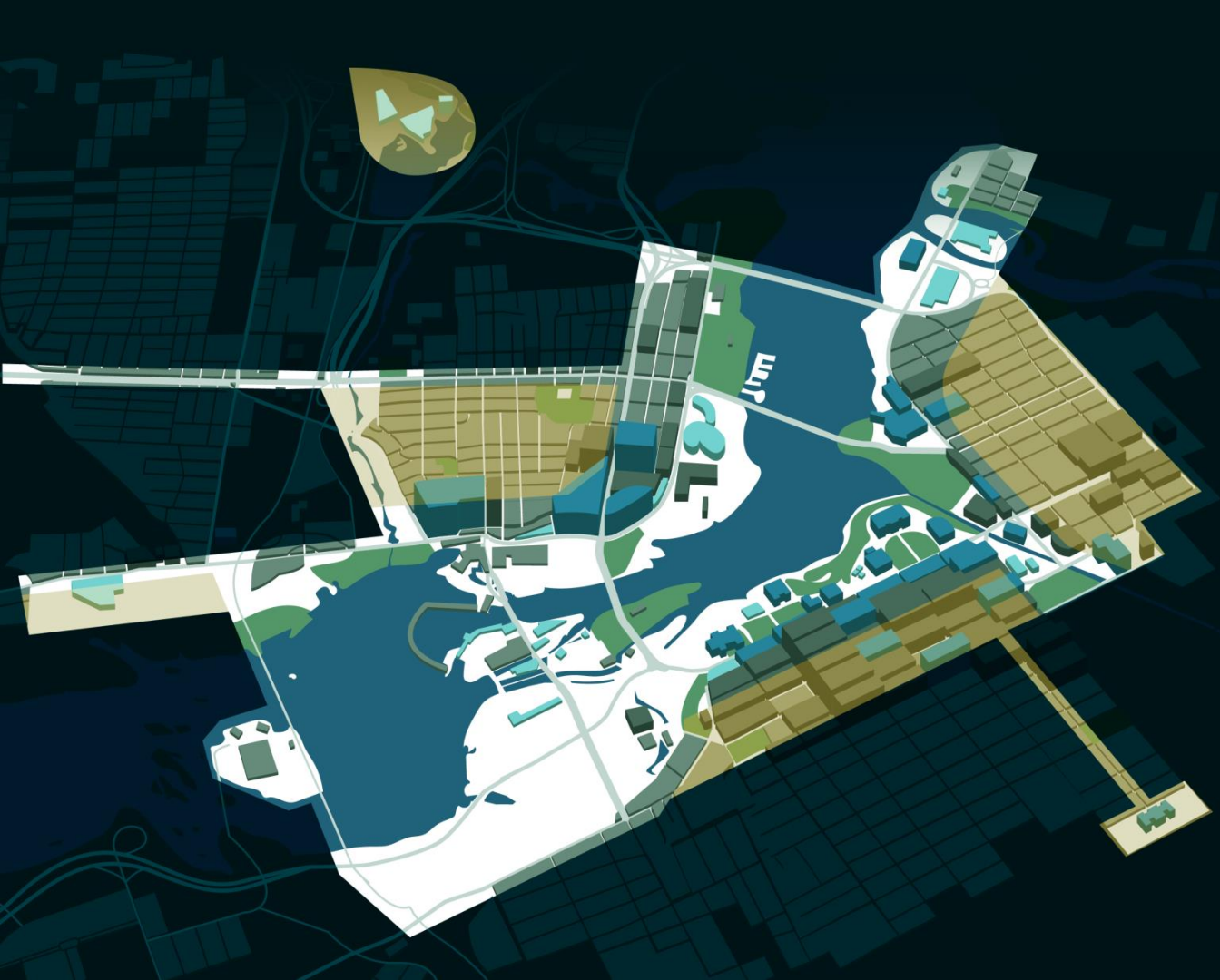
GOAL

Establish a compelling and cohesive illumination and lighting vision to enhance the Capital's nighttime beauty, as well as the experience of residents and visitors, while promoting the use of light-based technologies to reduce energy use and promote sustainability.



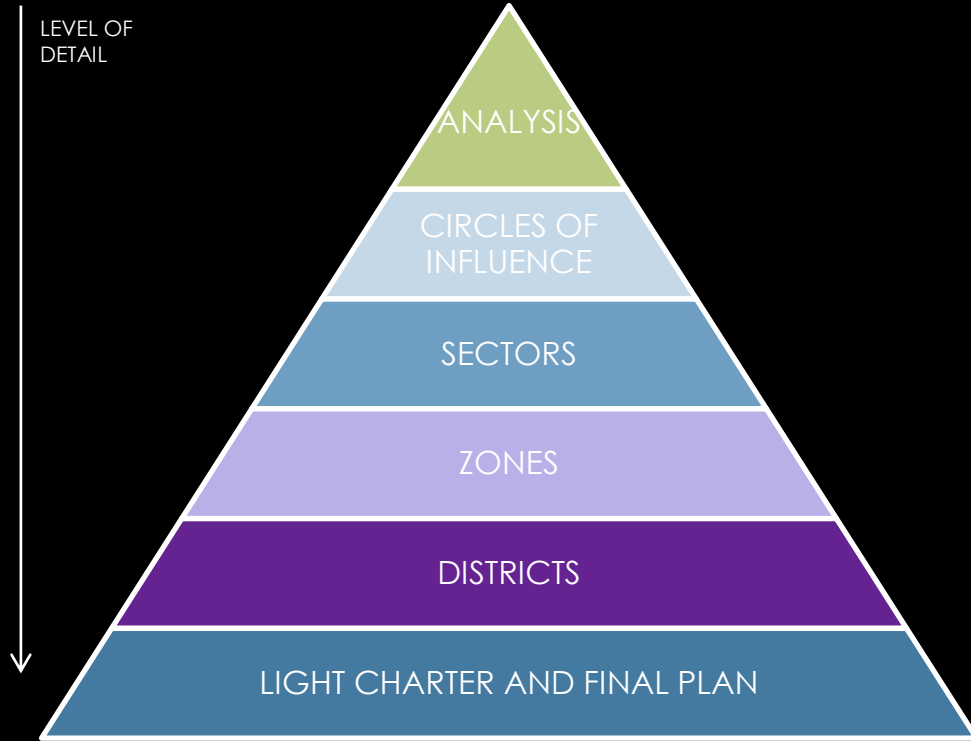
PURPOSE

- **Environmental responsibility**
- **Attractiveness**
- **Branding**
- **Functional** (security & comfort)
- **Common agenda** (unite, coordinate & regulate)



STUDY AREA

PHASES OF WORK



Phase 1. analysis

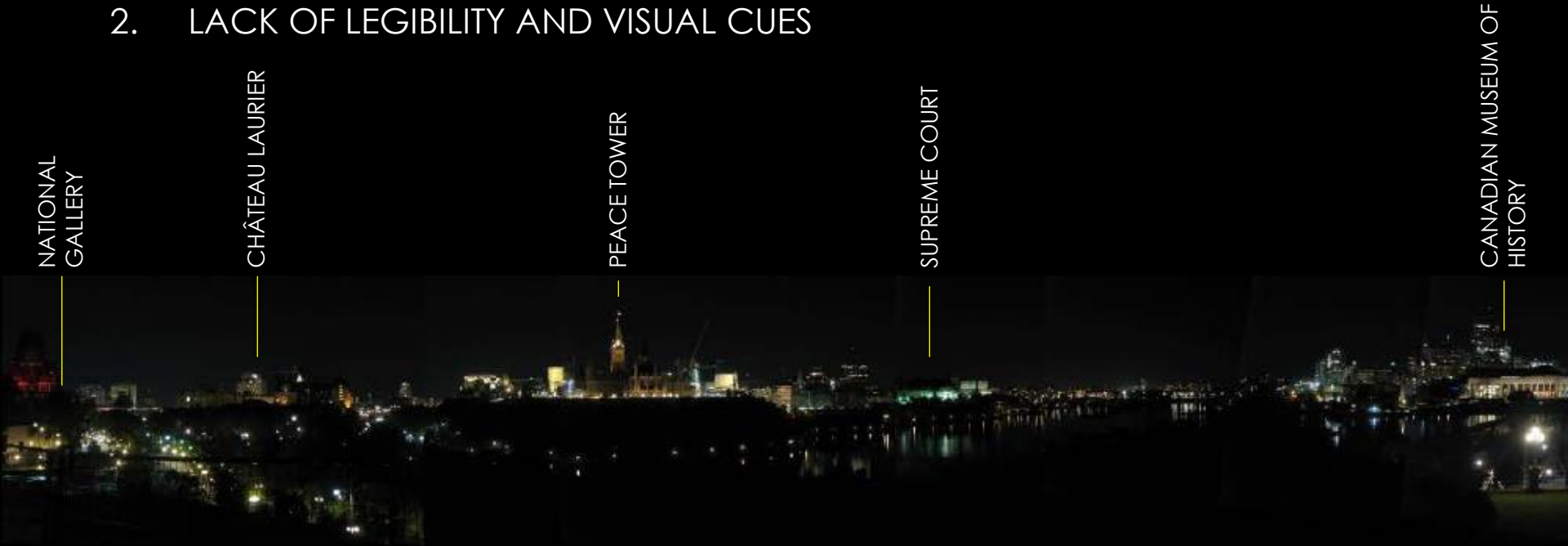
Phase 2. vision & principles

Phase 3. general policies & recommendations by sector

Phase 4. charter & final plan (2017)

PHASE I. ANALYSIS - 5 KEY FINDINGS

1. LACK OF A GLOBAL NOCTURNAL STRATEGY
2. LACK OF LEGIBILITY AND VISUAL CUES



PHASE I. ANALYSIS - 5 KEY FINDINGS

3. LACK OF A COHERENT NOCTURNAL EXPERIENCE & RIGHT-OF-WAY LIGHTING DOMINATES
4. PUBLIC LIGHTING: CONFLICT/VARIETY AND ENVIRONMENTAL RESPONSIBILITY
5. GOVERNANCE: ABSENCE OF TOOLS FOR COORDINATION



Confederation Boulevard at Château Laurier



Confederation Boulevard at Mackenzie Avenue

PHASE I. CONSULTATION & PARTNER ENGAGEMENT



December 2015. co-design workshop (partners)



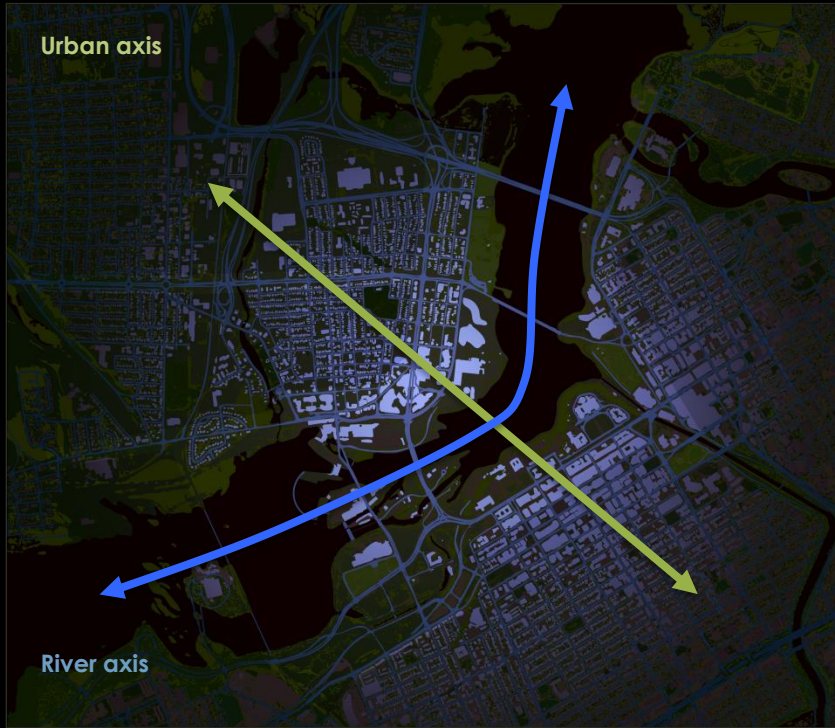
May 2016. Public night walks





Phase 2. ONE VISION, EIGHT PRINCIPLES

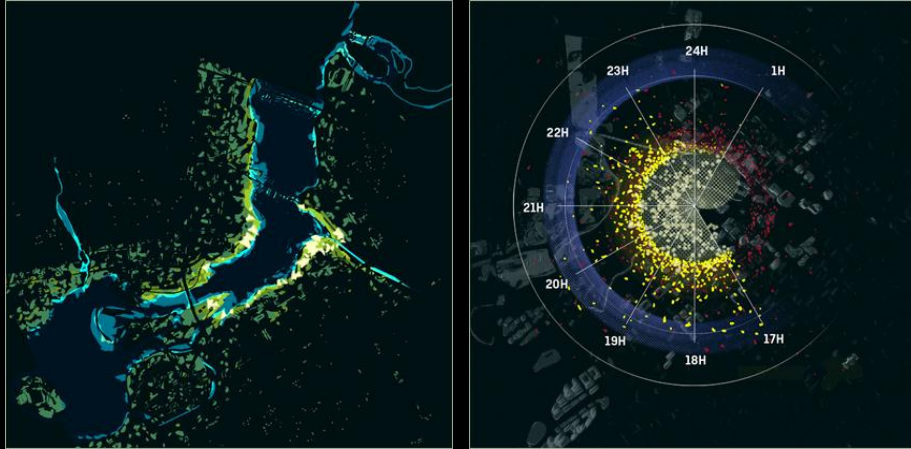
Overview



THE VISION

A unified urban night scape that celebrates differences and complementarity

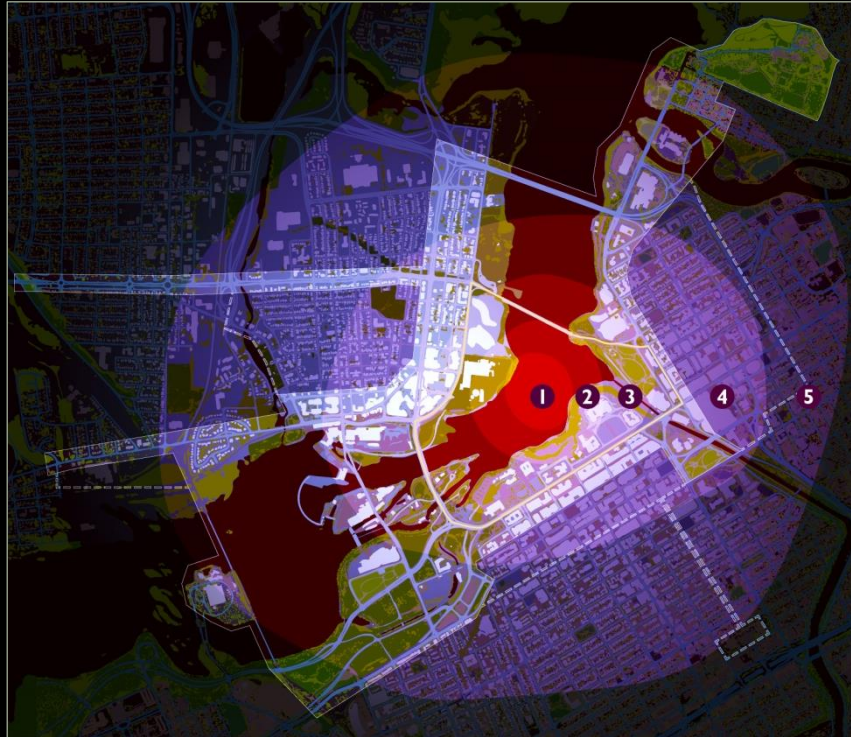
PRINCIPLE 1. Environmental stewardship



Reduce light pollution and energy consumption

- Why light?
- When to light? What can be shut off?
- Where to light?
- Light better, not more
- Respect biodiversity in urban area
- Careful implementation of new technologies
- Monitor progress

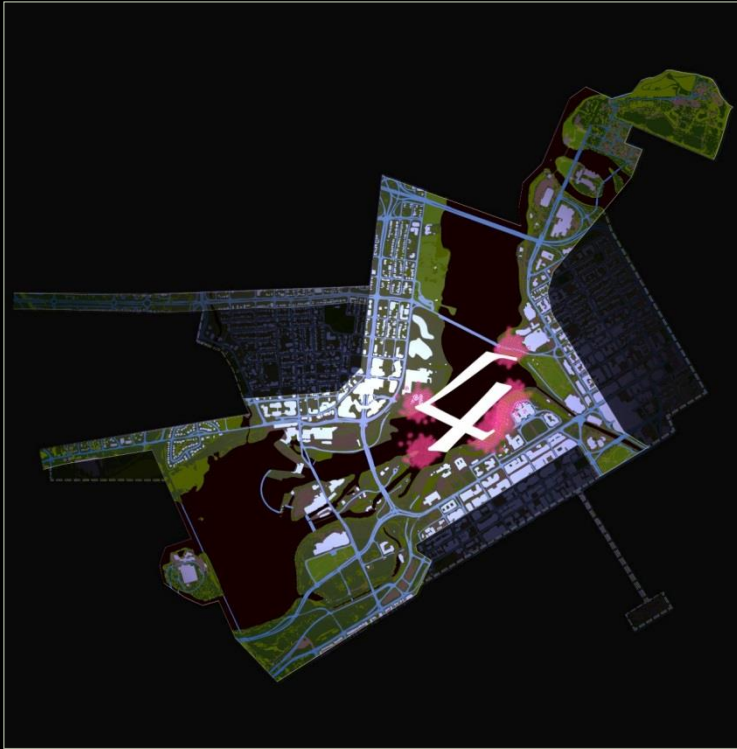
PRINCIPLE 2. The River as the starting point



CONCEPT OF CONCENTRIC CIRCLES

1. OTTAWA RIVER
2. HISTORY AND FOUNDATION
3. CONFEDERATION BOULEVARD, A UNIFYING ELEMENT
4. BACKGROUND COMPOSITIONS
5. OUTLYING RESIDENTIAL AREAS

PRINCIPLE 3. Tribute to four powerful symbols



Victoria Island : First Nations



Nepean Point : Samuel de Champlain. European settlement



Business and industrial past, foundations of a Region

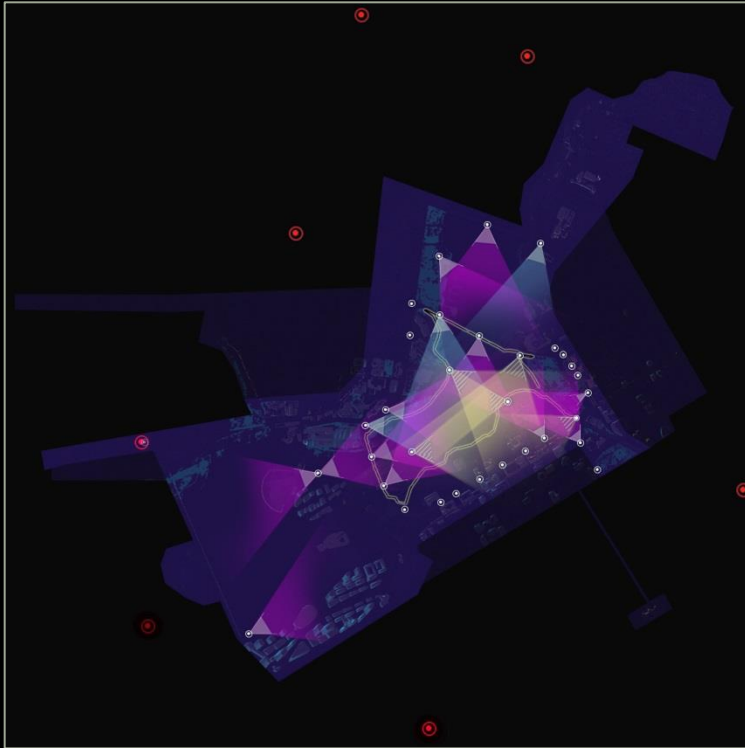


Parliamentary and judicial Precincts : « Birth of the Capital »

PRINCIPLE 4. The Confederation Boulevard Ring

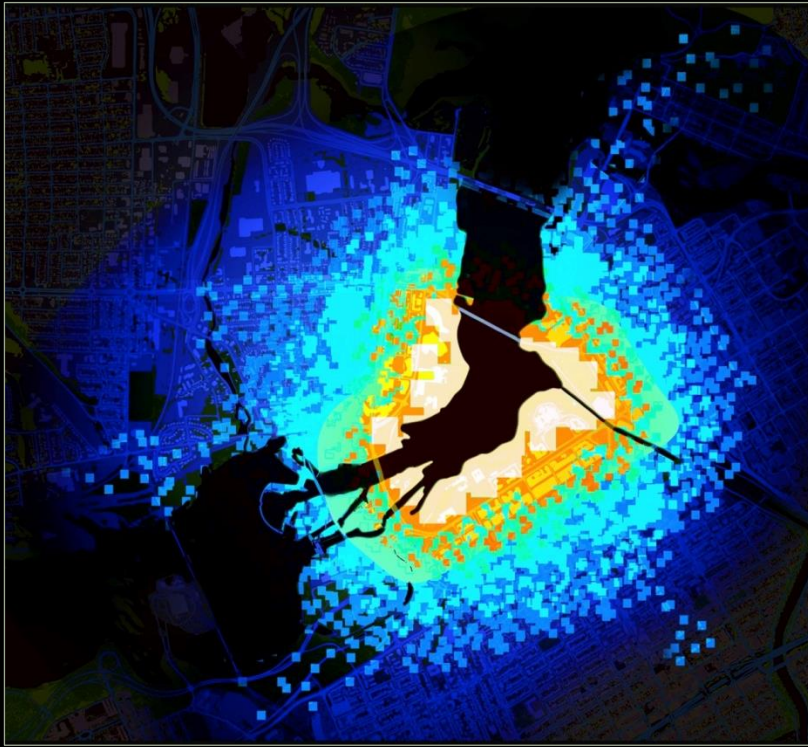


PRINCIPLE 5. Gateways and Views

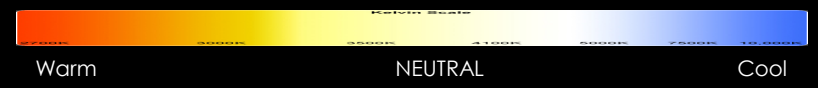


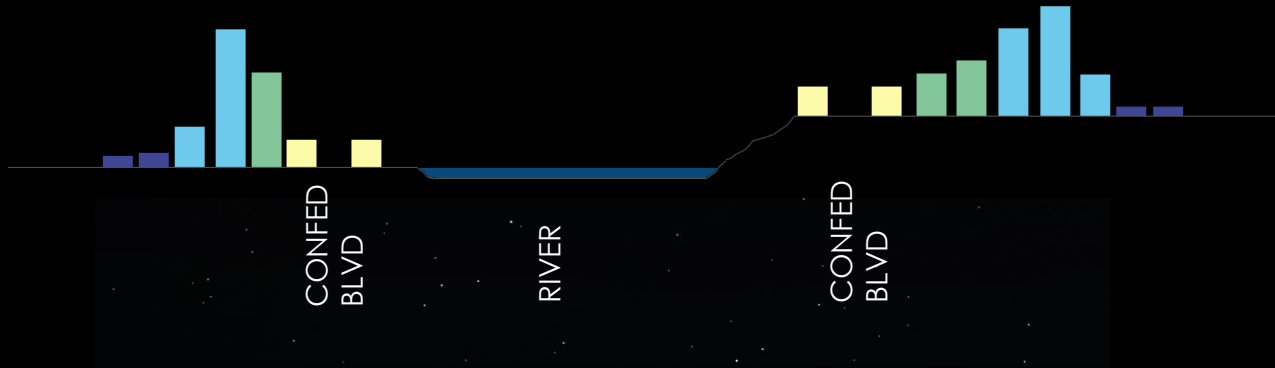
Protect and enhance the Capital's skyline and the river landscape

PRINCIPLE 6. Foreground / background colour temperature



- 1** Symbols, heritage and history
- 2** Protected views and Confederation Boulevard
- 3** Transition area – town and crown
- 4** Background, contemporary buildings that frame the Boulevard
- 5** Predominantly residential areas: ROW lighting





Section view of river basin



Aerial view of river basin



Orléans Cathedral
Orléans, France



Amiens Cathedral
Amiens, France



Unknown
Source: lumiville.com (2009)



Place de la Comédie
Montpellier, France



Édifice Price
Quebec City

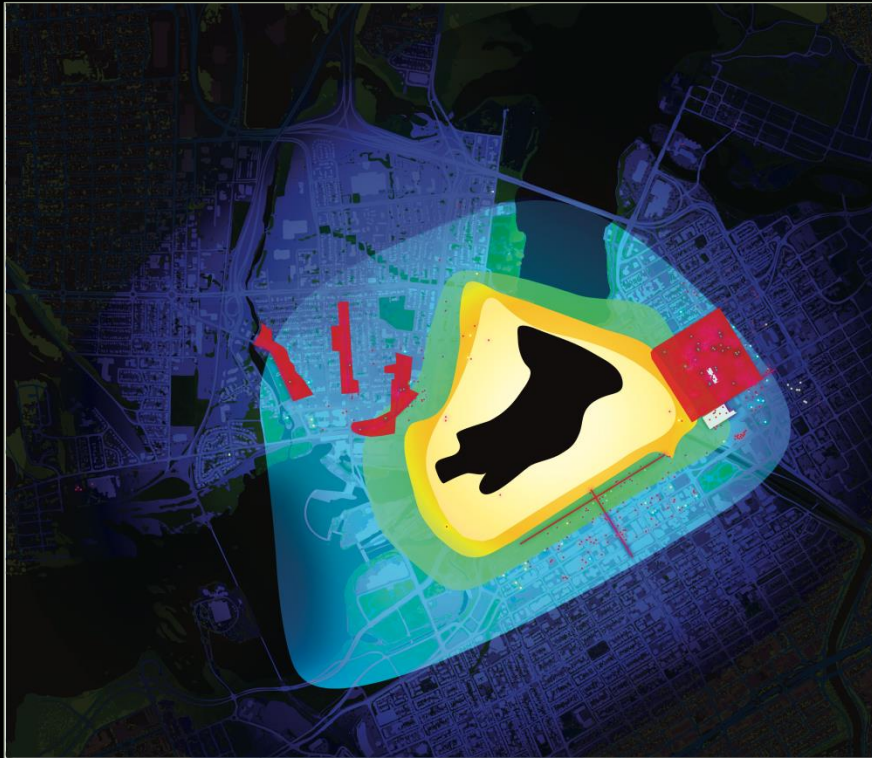


Petronas Towers
Kuala Lumpur, Malaysia

EXAMPLES: WARM AND COOL COLOUR TEMPERATURE

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PRINCIPLE 7. Special Character Areas



Place Aubry



Byward Market

DISTRIBUTION OF SPECIAL CHARACTER AREAS:
NIGHTLIFE

PRINCIPLE 8. Collaborate and coordinate



Examples of Recommended Tools:

- Governance committee
- Illumination Charter
- Common strategy: Reduce number of types of light fixtures used for public lighting

NEXT STEPS



Fall 2016

- Reconfirm work plan, with partners
- Phase 3 – Recommendations by Sector

Late Fall 2016

- Stakeholder consultation
- Public Consultation

Winter 2017

- Phase 4 – Charter

QUESTIONS & COMMENTS

