

Hotter, Wetter, Wilder

Climate Resilience at the City of Vancouver

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Gulf of Alaska

Hudson Bay

CANADA

UNITED STATES

○ VANCOUVER in 2095
// **RCP8.5**

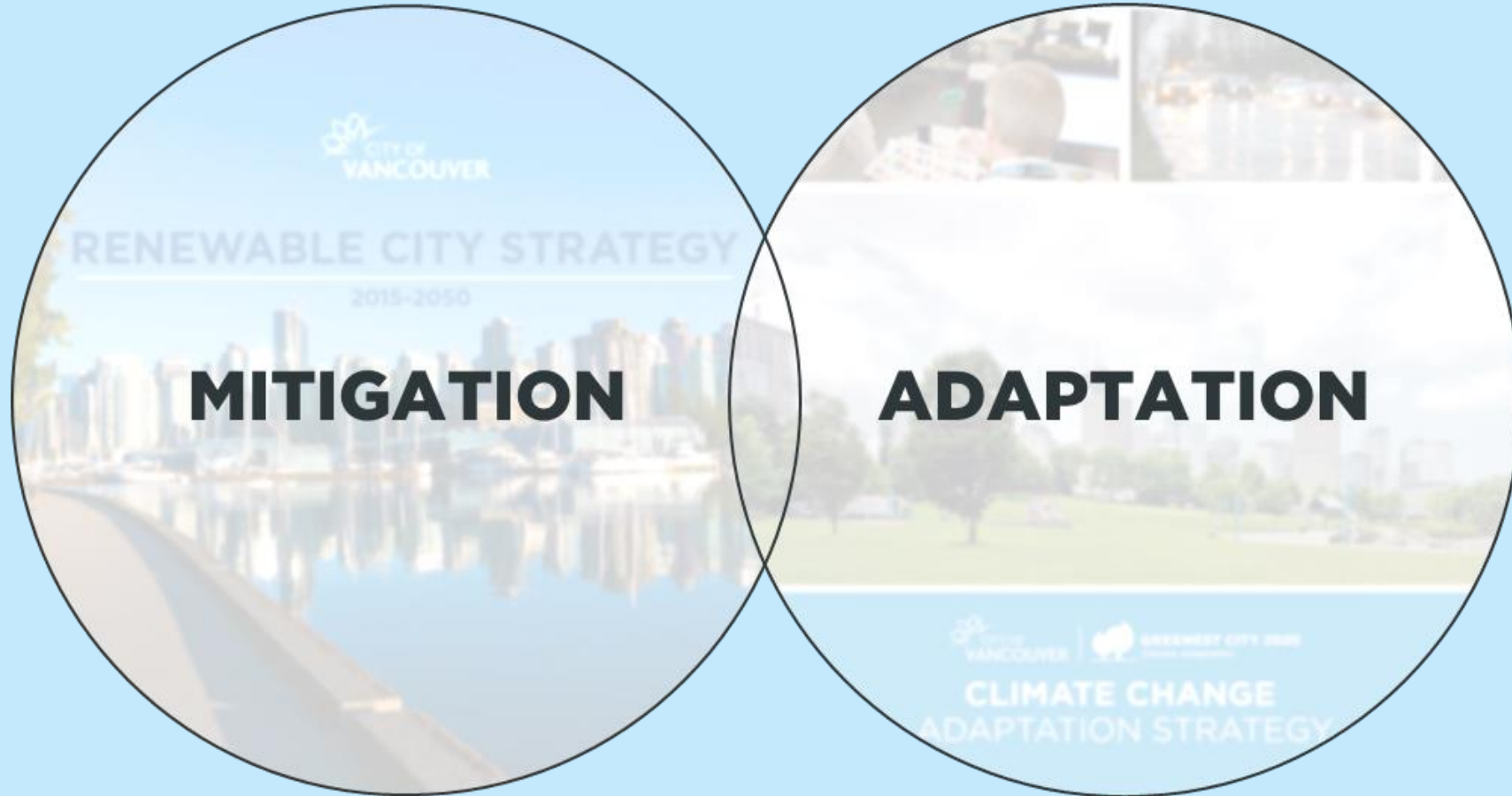


VANCOUVER

CLIMATE CHANGE ADAPTATION STRATEGY

2018 UPDATE AND ACTION PLAN
CITY OF VANCOUVER | SUSTAINABILITY GROUP

GREENEST CITY



HEALTHY CITY

**RESILIENT
VANCOUVER**

ACTION PLAN

ENABLING ACTIONS



ACTION PLAN

CORE ACTIONS



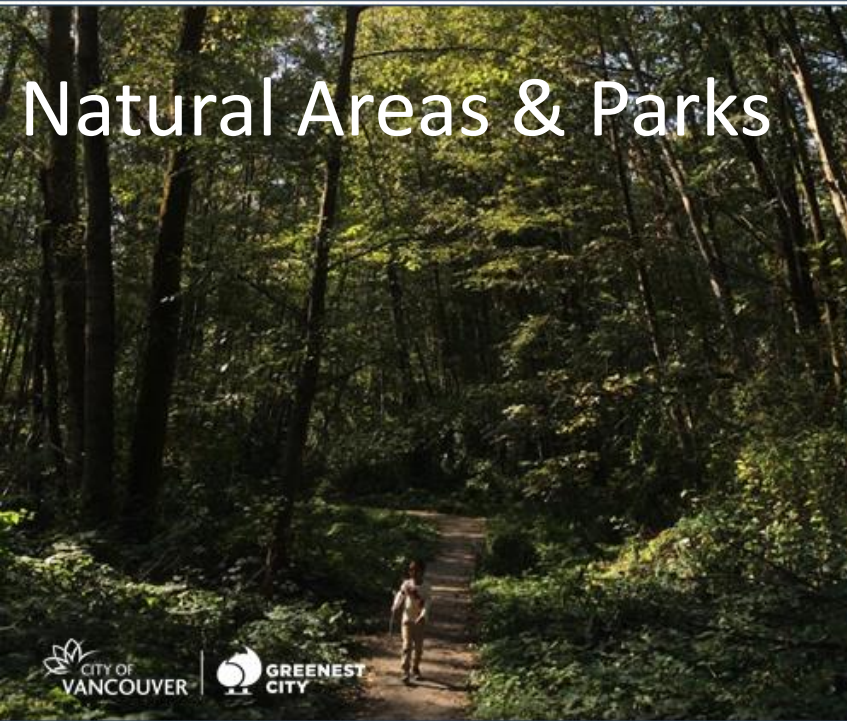
CORE ACTIONS



Infrastructure



Buildings



Natural Areas & Parks



Community Preparedness



Coastal Protection

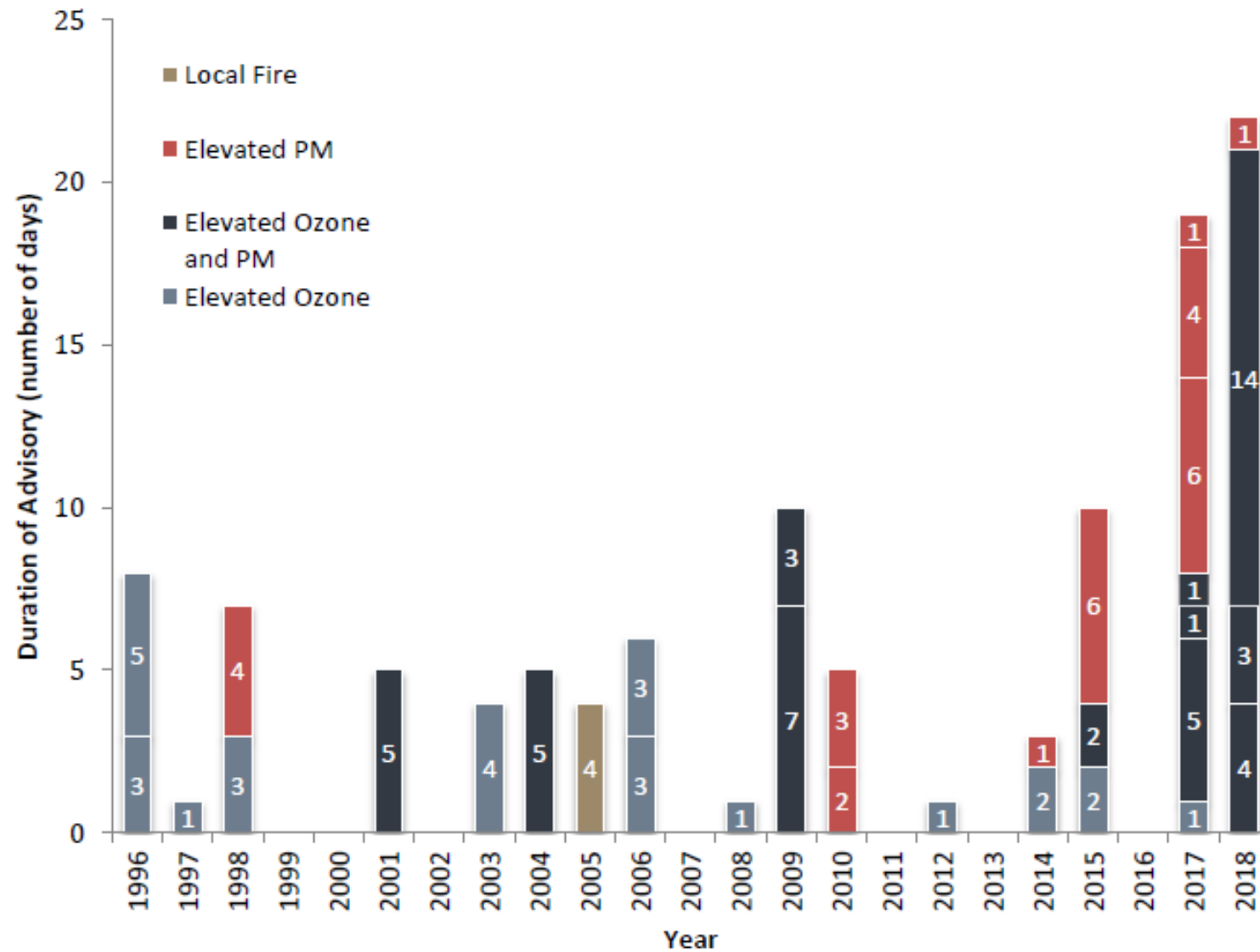
Indicator Approach

- Match adaptation objectives with existing indicators where they exist and fill gaps
- Adopt new GCAP and Resilient Vancouver indicators as they emerge

Indicators in 2018 Plan

- Explanatory:
 - # of special weather statements and alerts for heat, rain and poor air quality
 - Trees lost to climate-related shocks
- Progress:
 - % of Strategy actions initiated and completed

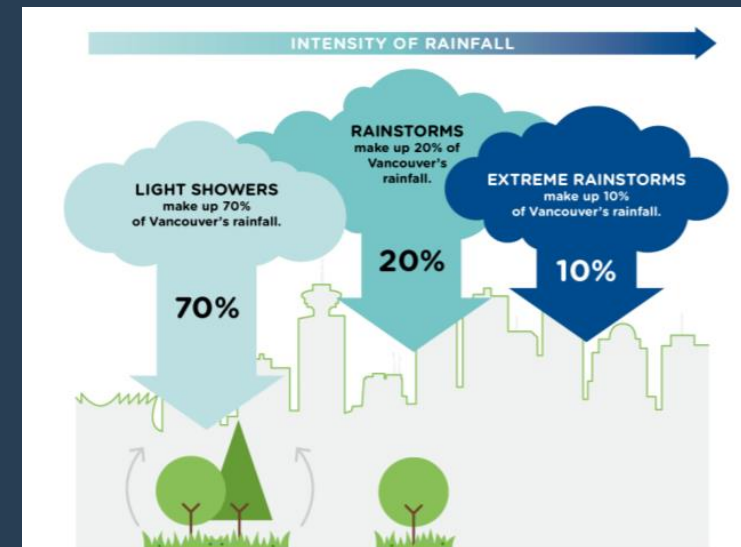
Air quality advisories 1996-2018



Data in this graph was provided by Metro Vancouver.

Indicators Continued

- Rainfall: Adopt the Rain City strategy indicator
 - Capture and clean a minimum of 90% of Vancouver's average annual rainfall volume
- Buildings: using Zero Emissions Building policy indicator and target



Indicators Continued

- Green space/ trees: adopt indicators and targets from Greenest City Action Plan and Urban Forest Strategy



Indicators Continued

- Community Preparedness: Healthy City measures social support network and connectedness
- Coastline: Focuses on engagement of coastal residents



Indicator Approach

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Resilience / Risk / Adaptation

- Resilient Vancouver and Vancouver Plan
 - Indicators for resilience
- Changing governance for risk
 - Targets for risk reduction



Other Drivers

- Task Force for Climate Related Financial Disclosure
- Issuance of Green Bonds



Thank you

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Sustainability Group

City of Vancouver