

# Cross Sector Connections: Building Bridges for Whole Community Resilience ...in Surrey

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# Agenda

- ★ Introduction to Surrey
- ★ City of Surrey & Fraser Health climate action
- ★ Existing inter-agency collaboration
- ★ Initial steps taken towards collaboration
- ★ Challenges, Opportunities, Benefits
- ★ Moving forward





# About Surrey



# Context

557,000 people

+ 1,000 people/month

+ 3,700 units/year

$\frac{1}{3}$  Agricultural Land Reserve

8,500 ha floodplains

Diverse and Young population



# Surrey's Climate Action

- ★ CCAS developed using ICLEI's BARC framework

## Mitigation

Mitigating the release of GHG emissions to minimize future climate change



## Adaptation

Adapting or preparing for the unavoidable impacts of climate change



# Surrey's Adaptation Priorities

## Flooding



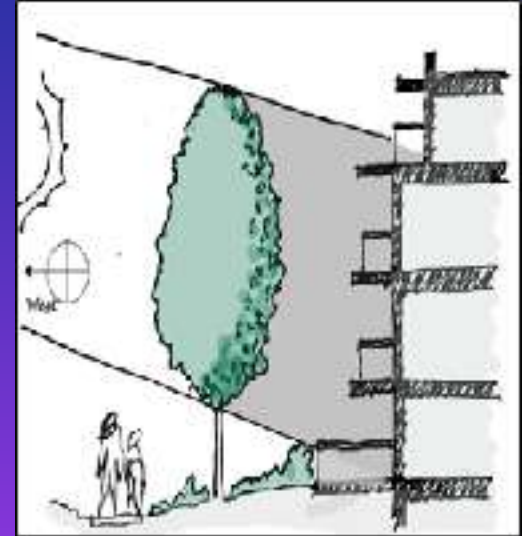
- ★ Sea level rise analysis
- ★ Evaluate long-term options
- ★ Regional coordination

## Trees & Ecosystems



- ★ Habitat quality & quantity
- ★ Resilient tree species
- ★ Canopy and root space

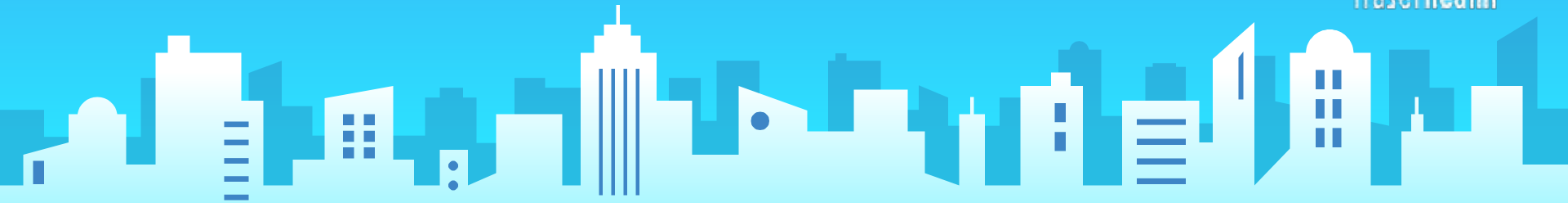
## Resilience

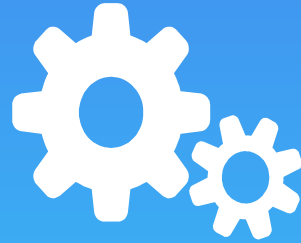


- ★ Passive building design
- ★ Data collection & monitoring
- ★ Education and capacity

# Fraser Health's Climate Action

- ★ Training of frontline staff on Climate Change and Health
- ★ Burden of Illness Attributable to Climate Change projections
- ★ Ongoing collaborative efforts with City of Surrey
- ★ Formal plan/strategy to come



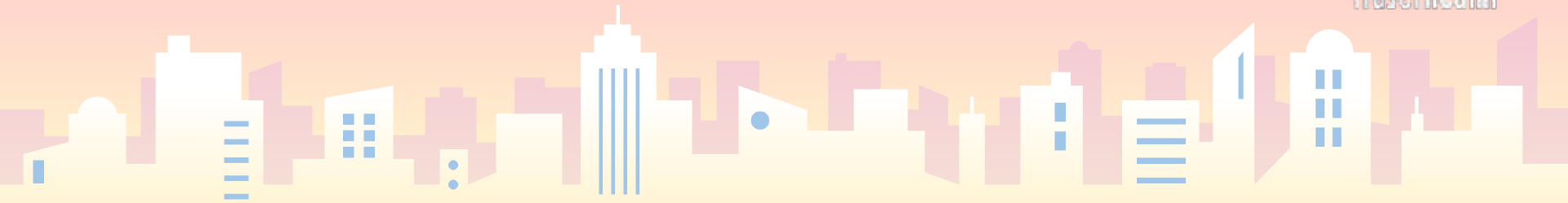


**Working Together**



# Collaboration at Fraser Health

- ★ Health Canada application
  - VCH, FHA, LMFM, HEMBC
- ★ Extreme Heat algorithms and alerting
  - BCCDC, HEMBC



# Collaboration at City of Surrey

## ★ Within the City

- Adaptation Advisory Committee
- Sustainability Charter Inter-departmental Team

## ★ Within the community

- SFU Health Change Lab (Surrey City Lab)

## ★ Within the Sustainability World

- Metro Vancouver REAC group
- USDN



# FH & CoS Collaboration

- ★ Jurisdictional scan: *Health & Municipal collaboration on climate action* (specifically adaptation)
- ★ REFBC funding: *Climate resilience and well-being through neighbourhood-scale green design*
  - LMFM, VCH, Island Health, Cities of Surrey, Nanaimo, and North Vancouver
- ★ Urban heat work





# Challenges

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- ★ Navigating unfamiliar systems, hierarchies
- ★ Varied understanding and language re. climate change and health
- ★ Resources - staff capacity and funding
- ★ Mandate
- ★ Framework/policy for climate and health

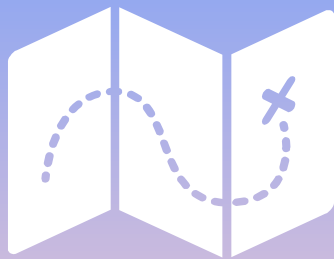




# Opportunities & Benefits

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- ★ Resource sharing and efficiency gains
- ★ Access to new resources
  - Strengthened or made available only through partnership
  - Nimbleness in responding to opportunities
- ★ Synergies from unique strengths



# Moving Forward



# On the Horizon

- ★ Urban Heat work - Heat Response Plan?
- ★ Climate Adaptation Strategy - health lens “refresh”
- ★ Vulnerability mapping - overlay climate and health vulnerable populations

# Agreements

## ★ Intention and commitment

- To collaborate broadly on climate action approaches

## ★ Open to opportunities

- Willingness to work together as projects arise

## ★ Communication

- Ongoing, regular



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# Final Thoughts

## ★ Define priorities

- Look for overlaps

## ★ Leverage high impact opportunities

- Look for co-benefits

## ★ Data sharing

## ★ Look for Champions

- Health, City, Community





# Thank you

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