SESSION n°6: URBAN PUBLIC HEALTH







DIPARTIMENTO DI ARCHITETTURA

13TH WORLD CONGRESS & EXHIBITION **REVITALIZING HEALTH BY SALUTOGENIC DESIGN**

Healthy environment | Healthy people

Community Wellbeing Framework

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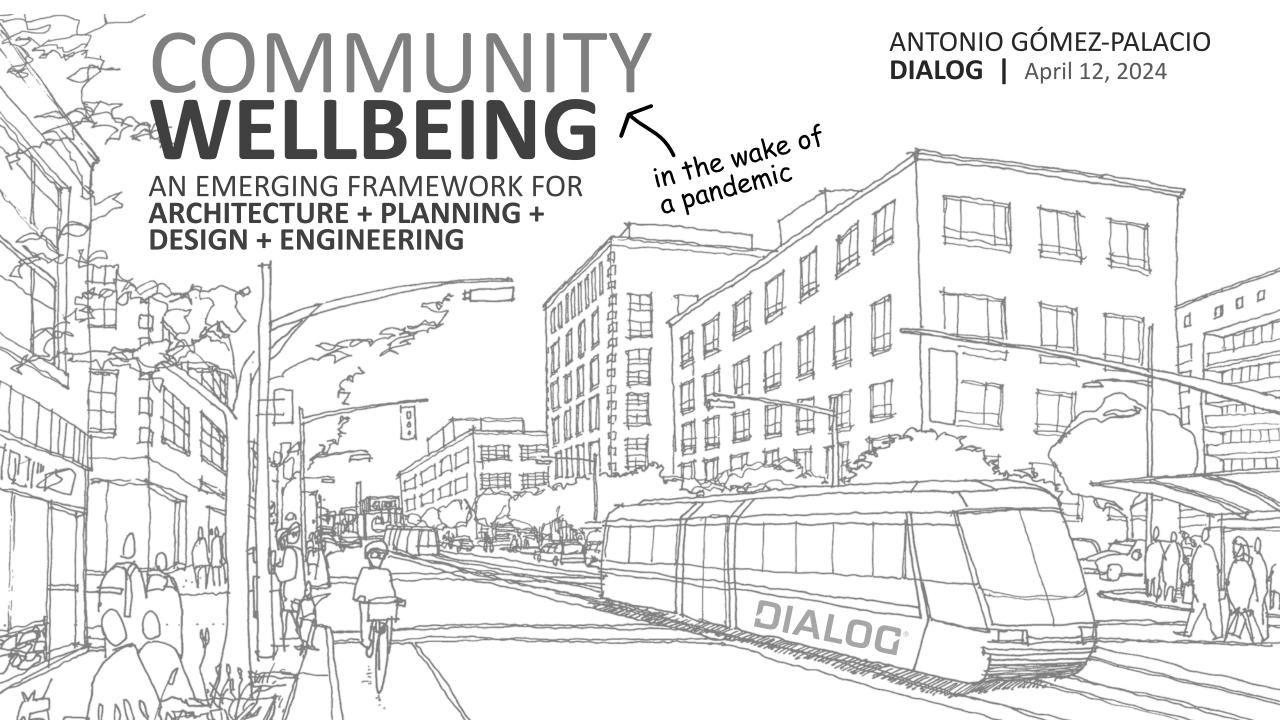




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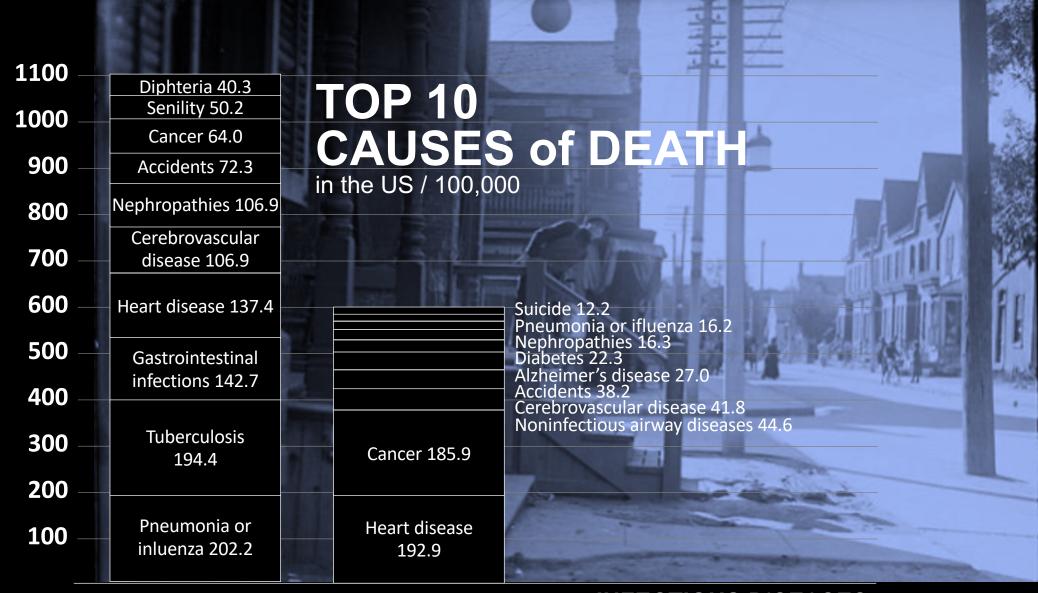
Mexico City, 1919

source: http://www.tramz.com/mx/mc/mc50.html



Toronto 181 Baldwin, October 7, 1919

source: urbanToronto.ca



1900

2010

INFECTIOUS DISEASES
decreasing and
replaced by
LIFESTYLE DISEASES

in CANADA:

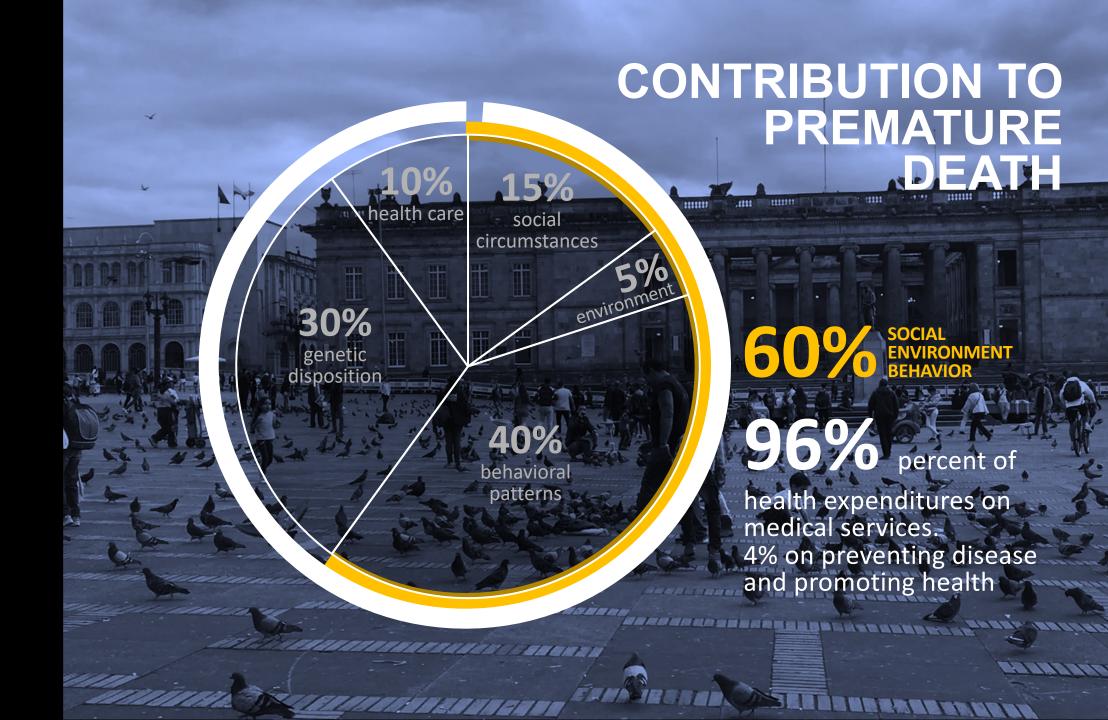


55,000 DEATHS FROM 1918-1920 PANDEMIC

source: Parks Canada

276,689
DEATHS (2017)
48% FROM
CANCER or
HEART DISEASE

source: Stats Canada







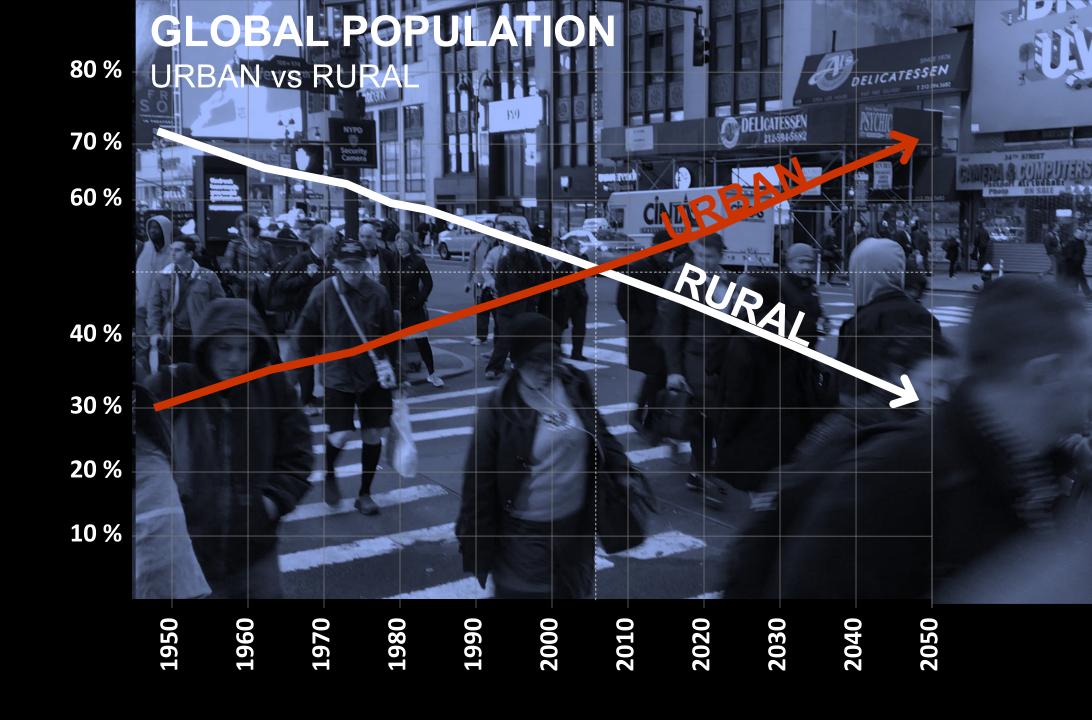




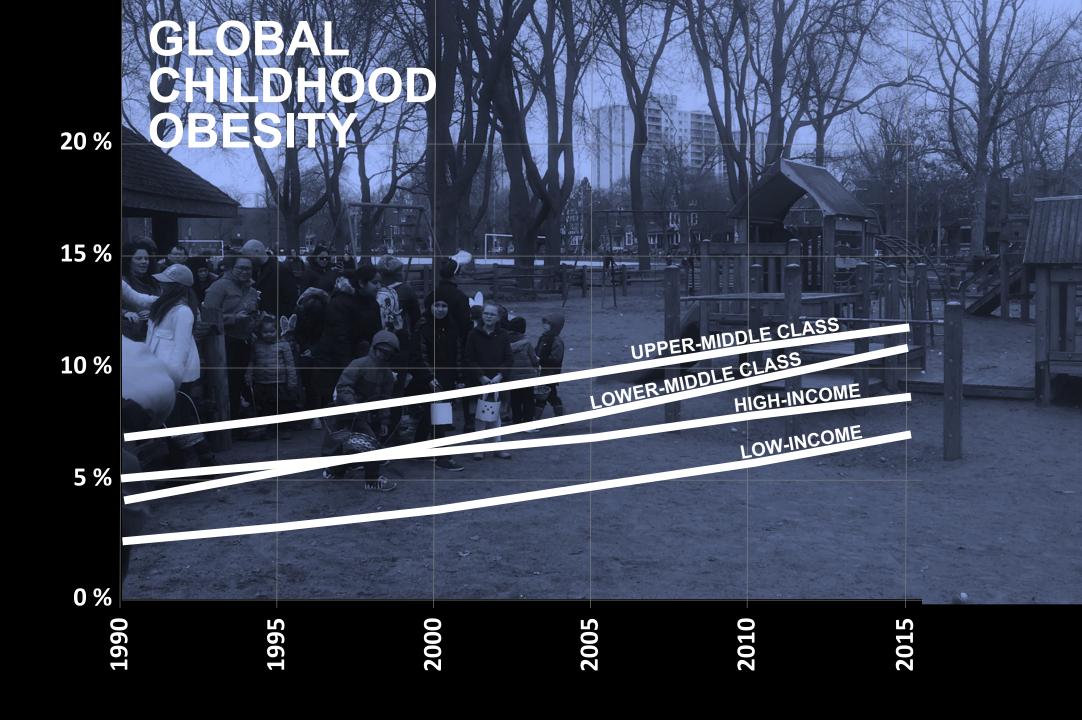
GLOBAL DEMAND VS SUPPLY by # of Earths



source: WWF Global (www.panda.org)

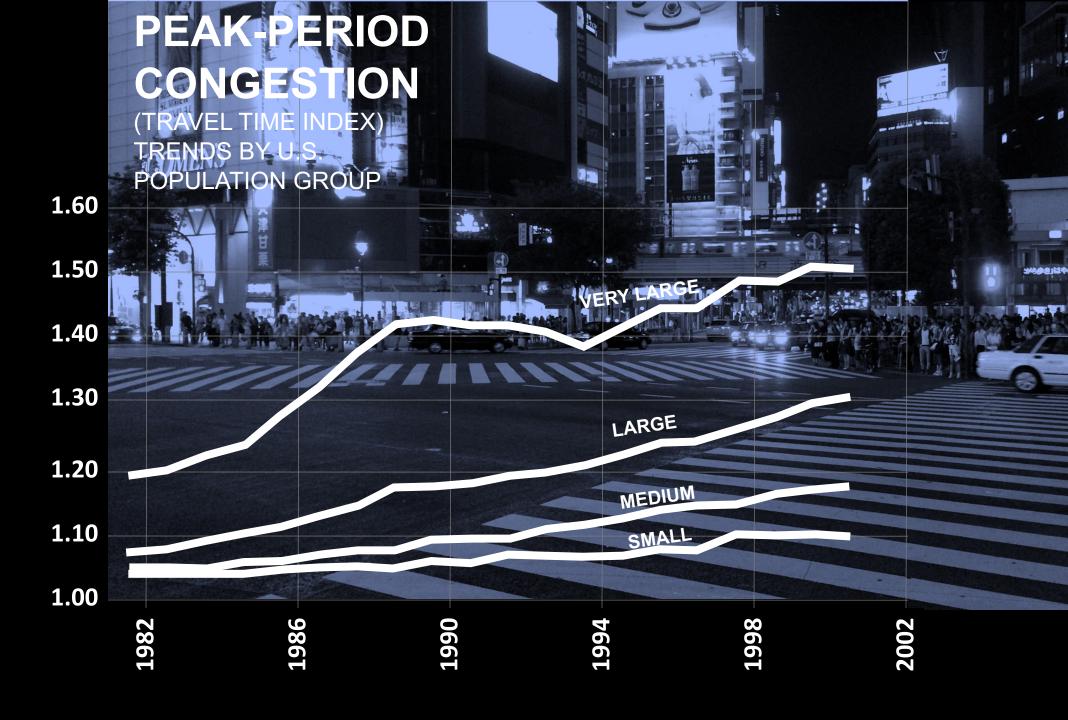


Source: Partnership to Fight Chronic Disease http://www.fightchronicdisease.org/media-center/news/obesity-growing-global-trend-and-risk-factor-chronic-disease

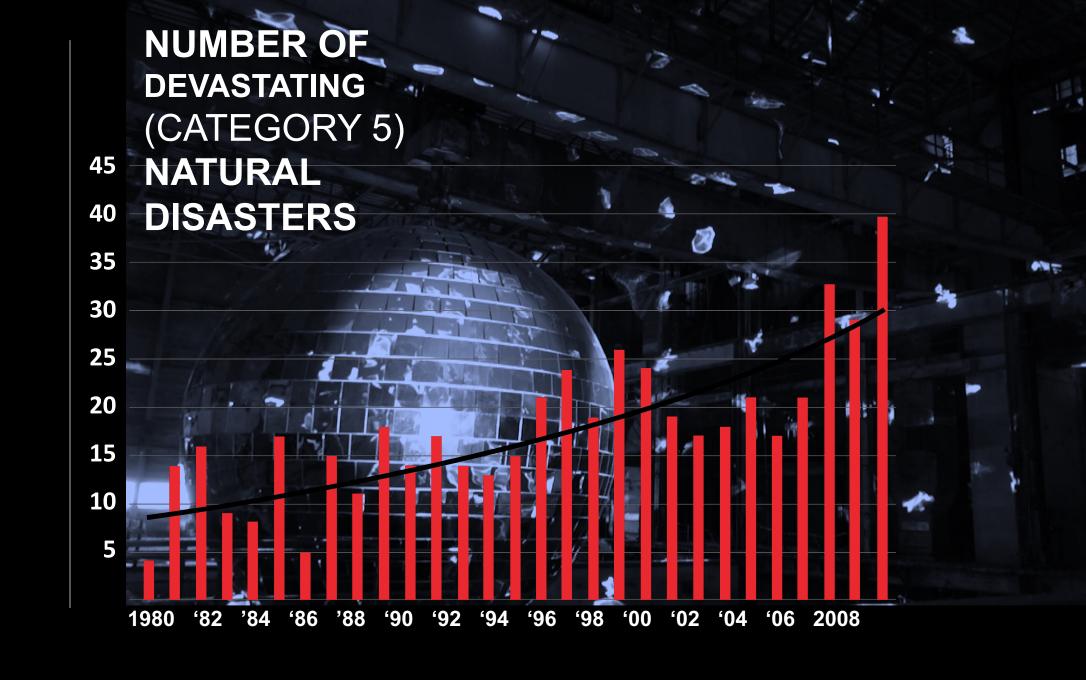


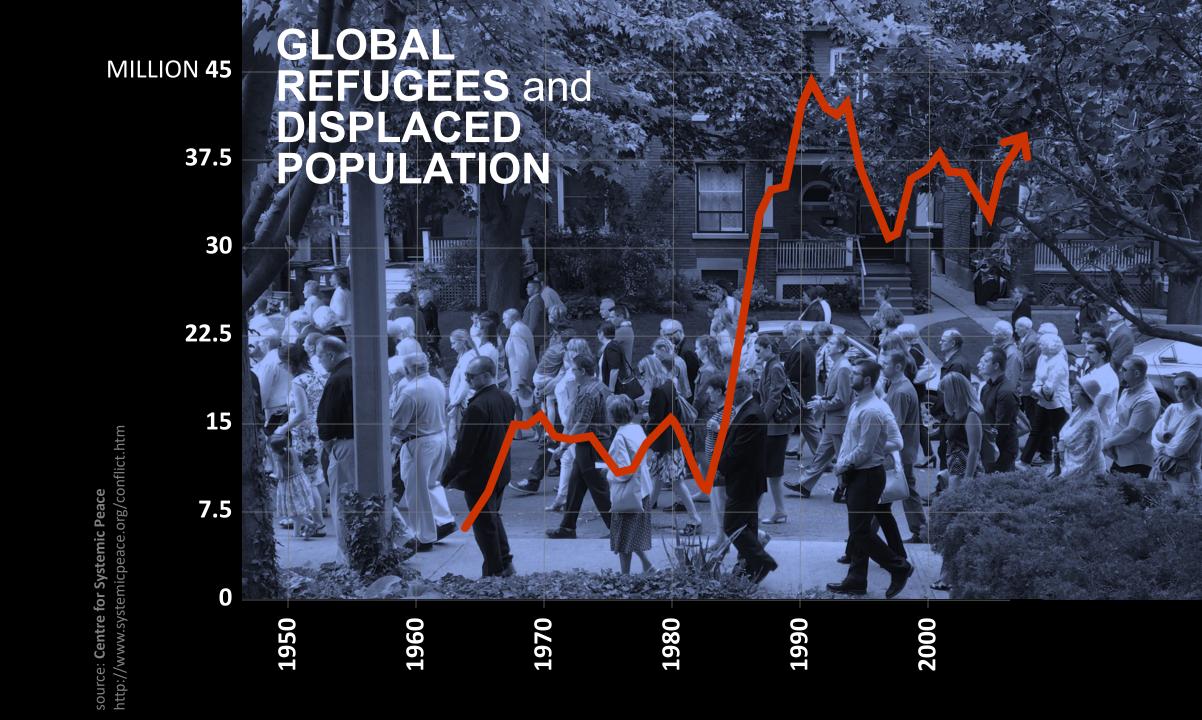


http://en.wikipedia.org/wiki/File:FAO_Food_Price_Index.png



Source: US Department of Transportation http://www.ops.fhwa.dot.gov/congestion_









SMOKING

ause → effect





SEDENTARY LIFESTYLES, & POOR DIETARY HABITS

contribute to serious **HEALTH** problems, including:

RESPIRATORY AILMENTS

CORONARY HEART DISEASE

NON-INSULIN DEPENDENT DIABETES (TYPE II)

OVERWEIGHT & OBESITY

HIGH BLOOD PRESSURE & STROKE

OSTEOPOROSIS

CANCERS

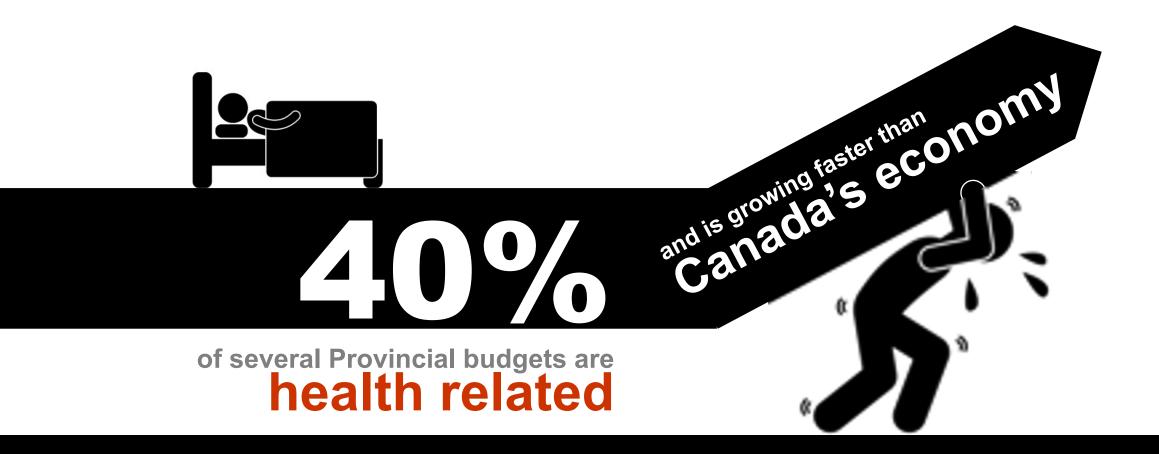
STRESS & DEPRESSION



physical inactivity \$9.6B

and obesity \$0.6B

of total Health Care costs in Canada





1853 etching by Phiz (Hablot K. Browne)

in Charles Dickens's 'Bleak House'

Source: Scanned image and text by George P. Landow. http://www.victorianweb.org/art/illustration/phiz/bleakhouse/29.html

WORLD HEALTH ORGANIZATION



HEALTHY MUNICIPALITIES and/or COMMUNITIES INITIATIVES:

Argentina (100+)

Canada

Brazil

Costa Rica

Cuba

El Salvador

Guatemala

Honduras

Nicaragua

Mexico (1000+)

Panama

Paraguay

Peru (130)

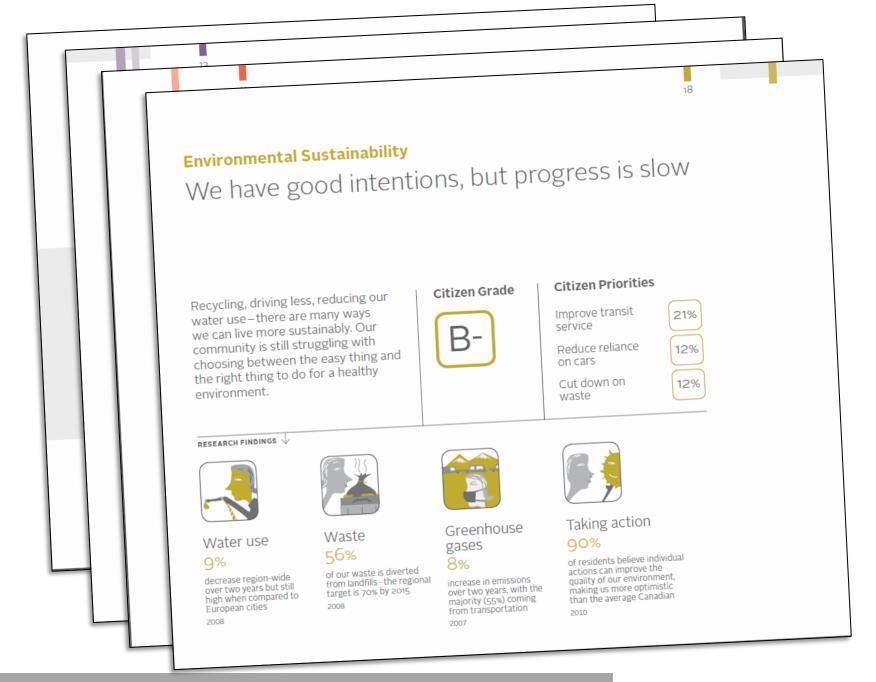
Trinidad & Tobago

Uruguay

USA

etc.

VANCOUVER FOUNDATION Vital Signs Report



Pearson Dogwood

Whole Health Elements

Nested within the "Whole Health" vision, there are 5 fundamental elements that unify the design of the future Pearson Dogwood Neighborhood. The 5 elements tell the story of life in the neighbourhood.

The 5 Whole Health Elements were developed based on best practices, evidence-based design, and consultation with stakeholders including Pearson residents, Dogwood residents' families, Marpole residents, therapeutic pool users, health services professionals, Urban Farmers on 57th, representatives from the disabilities community, and others.



FLOW

Waterandenergy flow through and within the neighbourhood, shaped by unique topography with therapeutic offerings for humans and ecosystems.



ACCESS

The neighbourhood is "turned inside out" through strong connections and destinations within reach by all.



GROW

The neighbourhood is a place of creation and growth. Celebrating seasonality, it yields food, community, beauty, and wellness. It also yields a financial endowment for health across the region.



THRIVE

The neighbourhood is a nourishing and healing landscape. It provides people with the opportunity to touch every aspect of their being. It restores healthy human-earth relationships.



HARMONIZE

Diverseneeds, desires, and aspirations are brought together in integrated housing, health services, and other destinations that allow residents and visitors to shop, work, play, and rejuvenate within walking or wheelchair distance of home.



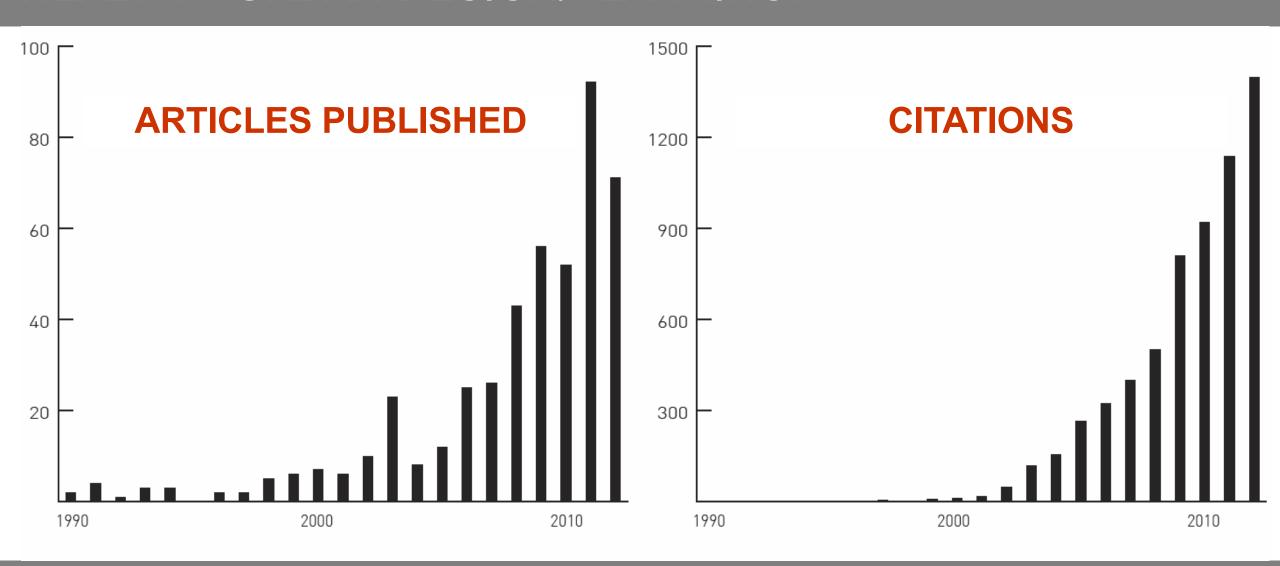








HEALTH + URBAN DESIGN/PLANNING:



COGNITIVE DISSONANCE



Where should we invest our money, resources, energy...?



WE ARE PASSIONATE ABOUT DESIGN
WE BELIEVE IT CAN, AND SHOULD,
MEANINGFULLY IMPROVE
THE WELLBEING OF COMMUNITIES
AND THE ENVIRONMENT WE SHARE.



the research

DIALOG® +



ECONOMISTS

CLIENTS MECHANICAL

ARCHITECTS

LANDSCAPE **ARCHITECTS**

HEALTH

CHIEF MEDICAL OFFICERSLARFIERSLS

TENANTS

INTERIOR DESIGNERS 3000+

BUILDING OCCUPANTS

INDUSTRY PARTNERS

ENGINEERS

CITY OFFICIALS

URBAN DESIGNERS ECTRICAL

ENGINEERS

ACADEMICS

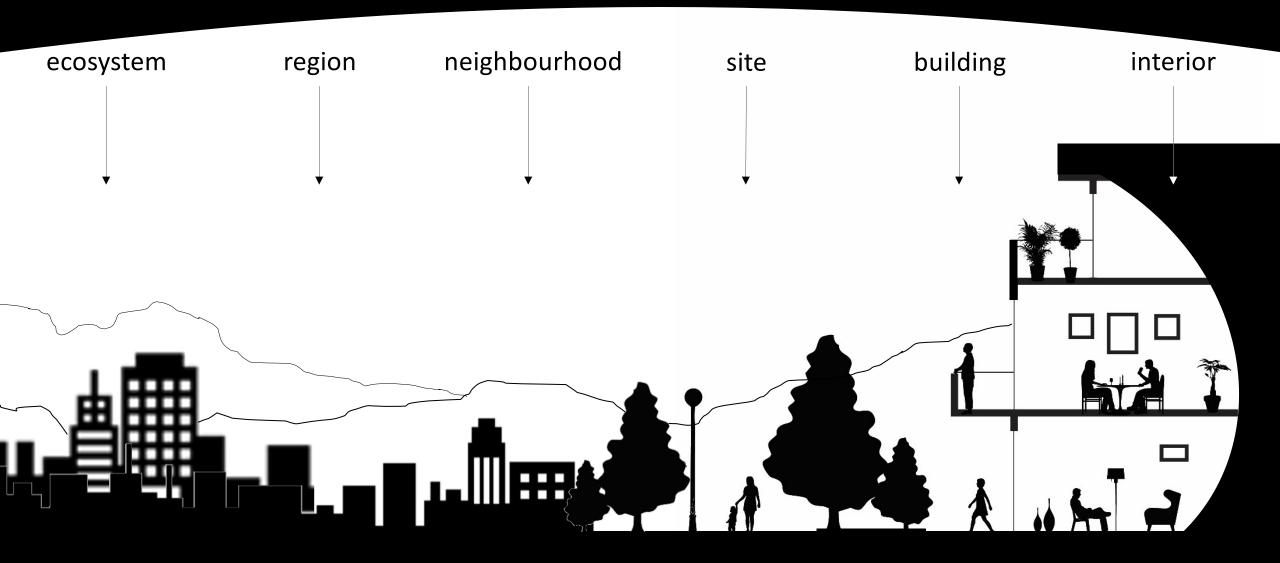
SOCIAL WORKERS **COMMUNITY LEADERS**

STRUCTURAL **ENGINEERS**

DIALOG STAFF

INDIGENOUS GROUPS





COMMUNITY WELLBEING...

COMMUNITY WELLBEING

the combination of social, economic, environmental, cultural, and political conditions identified by individuals and their communities as essential for them to flourish and fulfill their potential *

^{*}Adapted from Wiseman and Basher's definition (2008:358)

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COMMUNITY WELLBEING

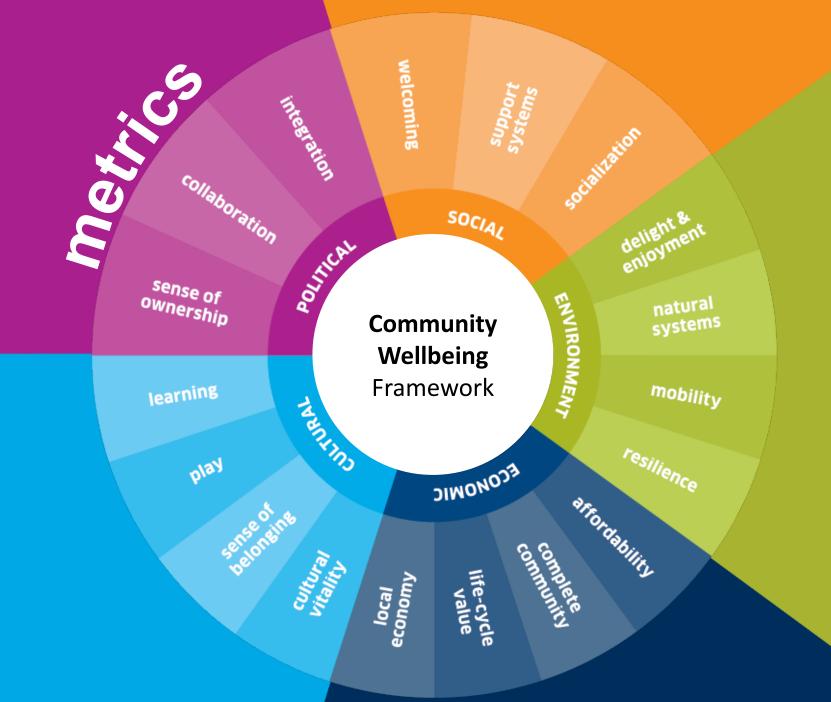
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Welcoming

do people feel welcomed, safe, and engaged, 24/7 regardless of background or physical ability?

Support systems

do people have access to support facilities and services on a day to day basis, and during moments of need?





Local Economy

does the project support a healthy local economy and in particular a knowledge economy?

Affordability and quality of life

can people of different income-levels afford a high quality of life?

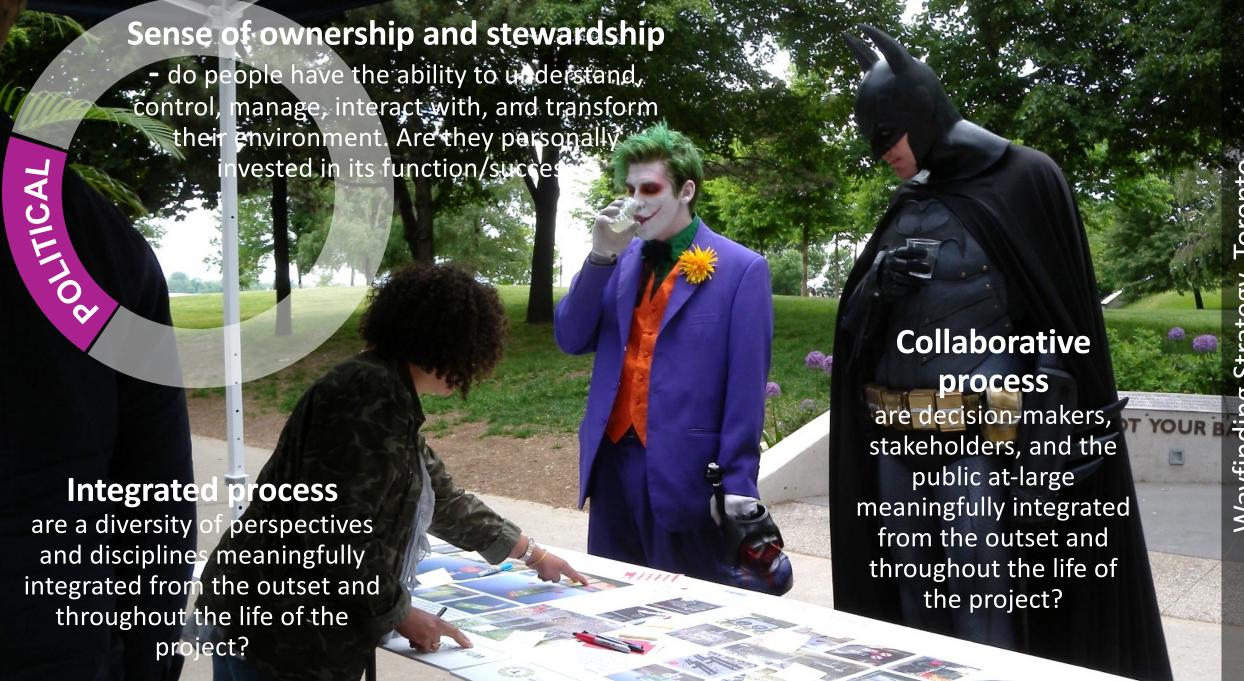
Complete Communities

can people realize the activities of everyday life within walking distance?

Life-cycle costing and future-proofing

does the project account for full-life-cycle costing and the costs to the environment and community?









Community Wellbeing

What does "Community Wellbeing" mean for North King's Town?

Community serializing perceives the relief related factors recoil enterferences in consistent custing, policinal, their influence consist quality of their and where some of writtens As the florids. As their influence consist quality of their and where some of well being as a centar relate decreases about the power agreement on constraining if allows us to a more operpressive and their power agreement of the consistency policins that instruct proposes is one to service in a consistency to extra creation and their policins. rectors that impact people's cay to say lives

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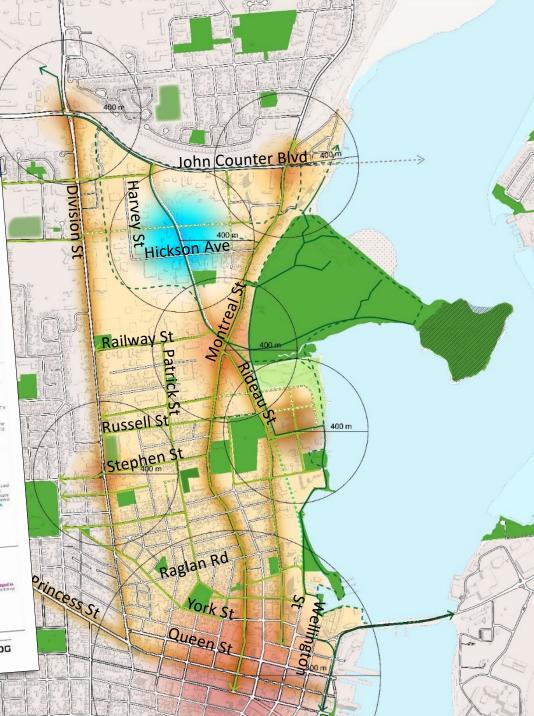




North King's Town

Community Wellbeing As Measured Against the Secondary Plan

	Land Use	Public Realm	Transportation
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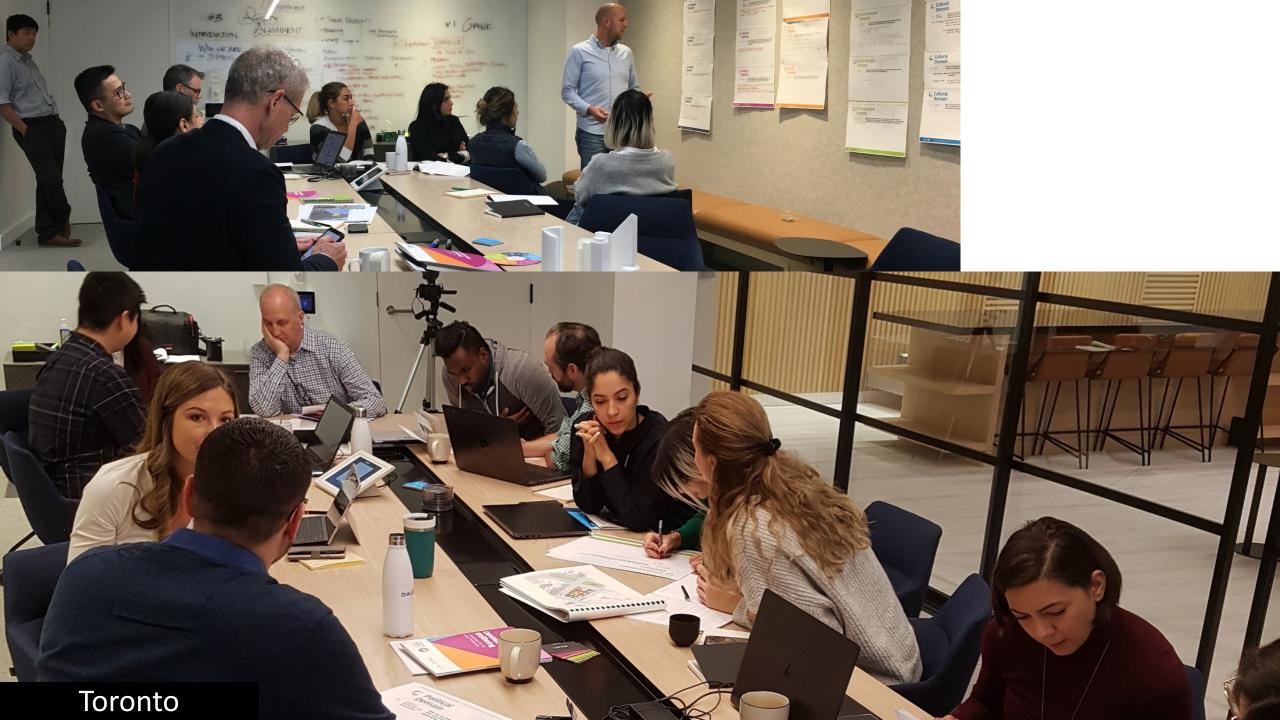


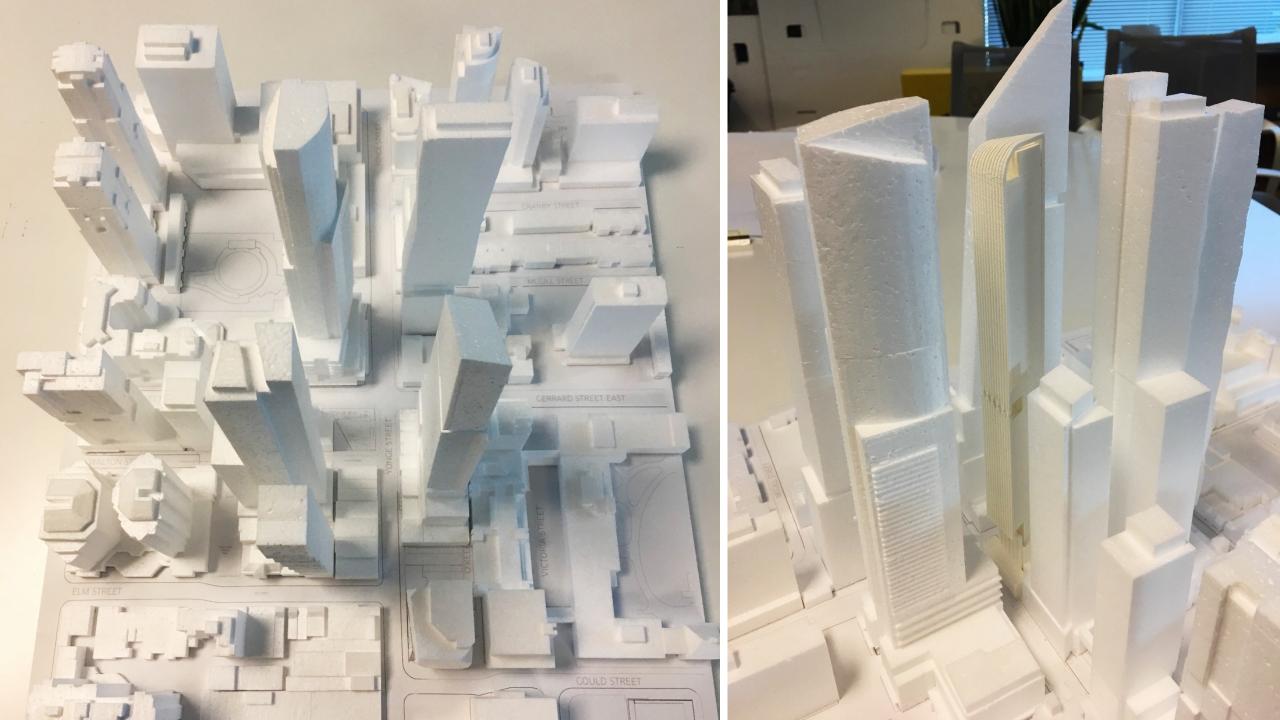








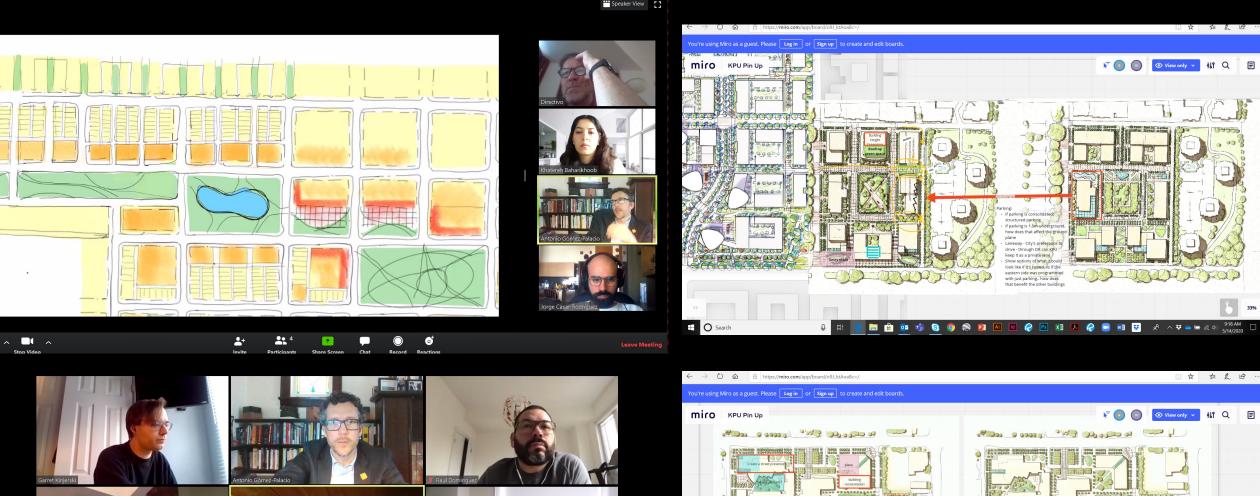




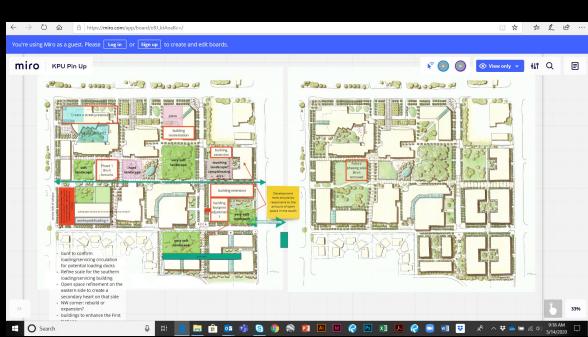






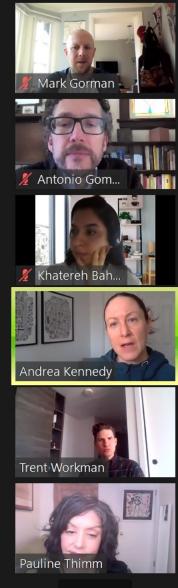


McNeil



View only ✓ ♦ ↓ ↑ Q





























#CommunityWellbeing

www.dialogdesign.ca/community-wellbeing