

182 millions de sacs de trop

**Présentation à l'assemblée publique d'audition
des opinions de la Ville de Montréal
sur le contrôle des circulaires**

Matthew Chapman

Chargé des campagnes nationales
Projet de la réalité climatique Canada
Vendredi 1 novembre, 2019



The Climate Reality Project



Minneapolis, August 2019



Photo: NASA

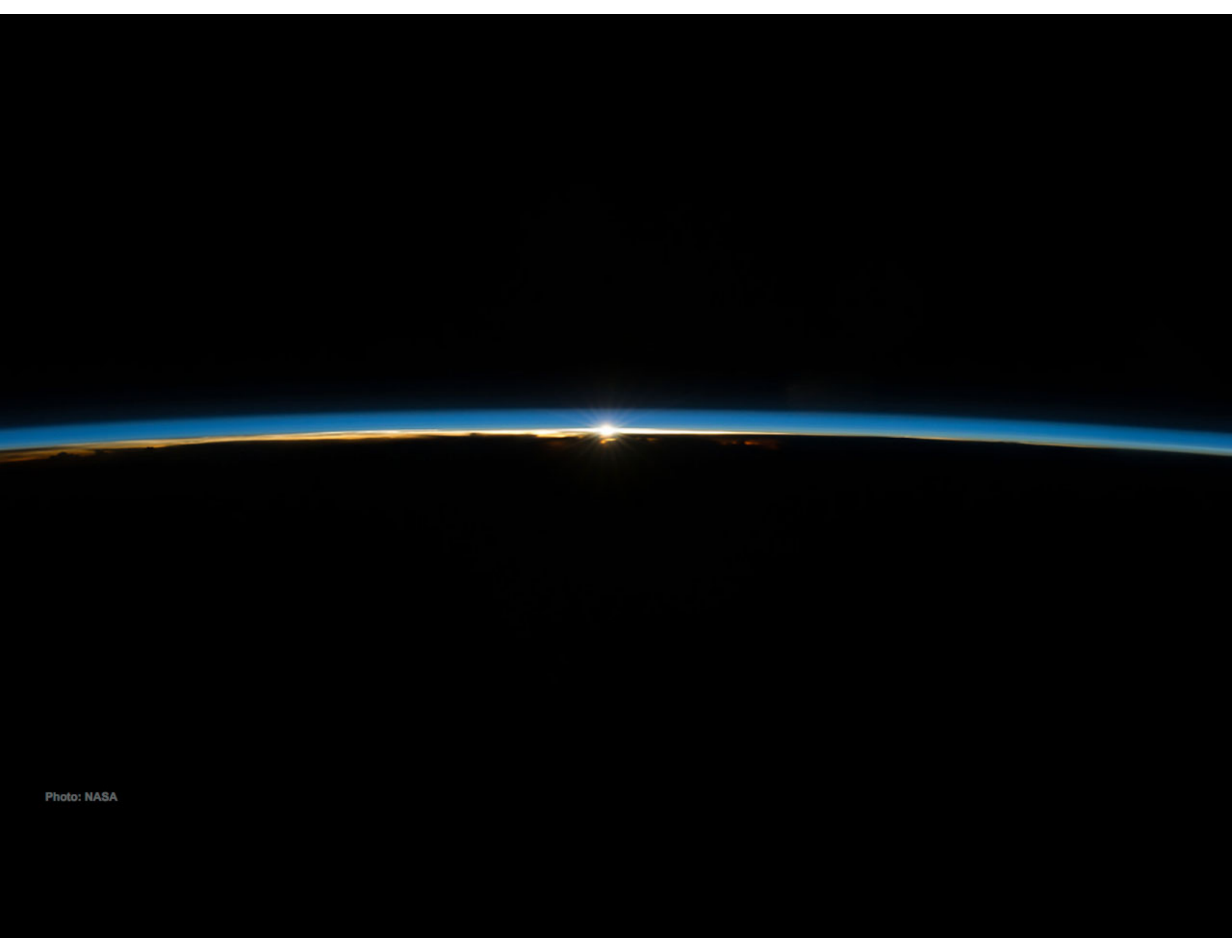


Photo: NASA

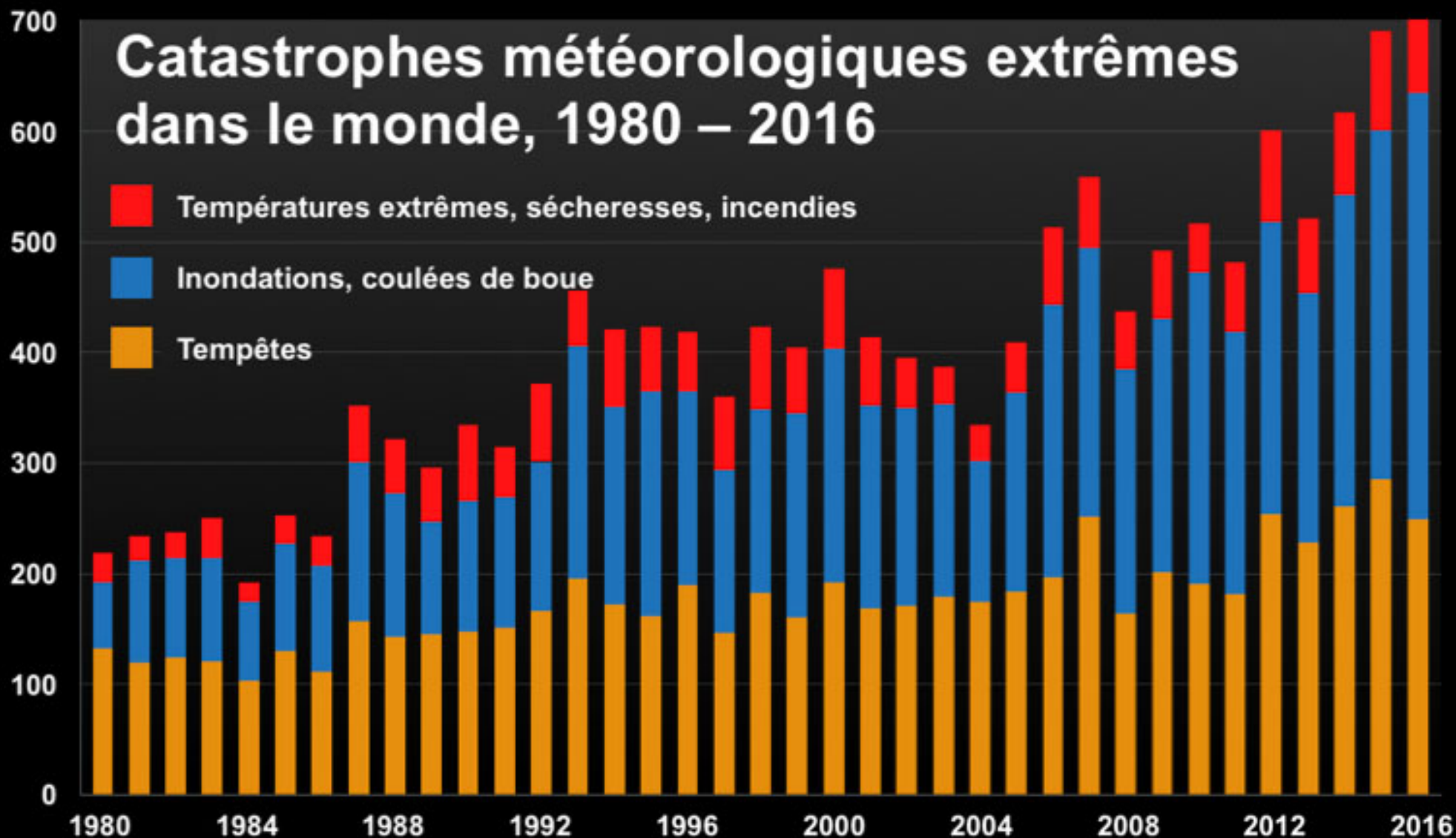
**Toutes les 24 heures, nous rejetons dans
l'atmosphère 110 millions de tonnes de pollution
contribuant au réchauffement climatique**

Photo © Peter Weber/Shutterstock

Catastrophes météorologiques extrêmes dans le monde, 1980 – 2016

- Températures extrêmes, sécheresses, incendies
- Inondations, coulées de boue
- Tempêtes

Nombre d'événements



Data: Insurance Information Institute, January 2017

**Nous risquons
désormais de
perdre jusqu'à
50 % de toutes les
espèces terrestres
au cours de ce
siècle**

Data: Nicholas Stern, *The Economics of Climate Change*
Photo © Dirk Ercken via Shutterstock

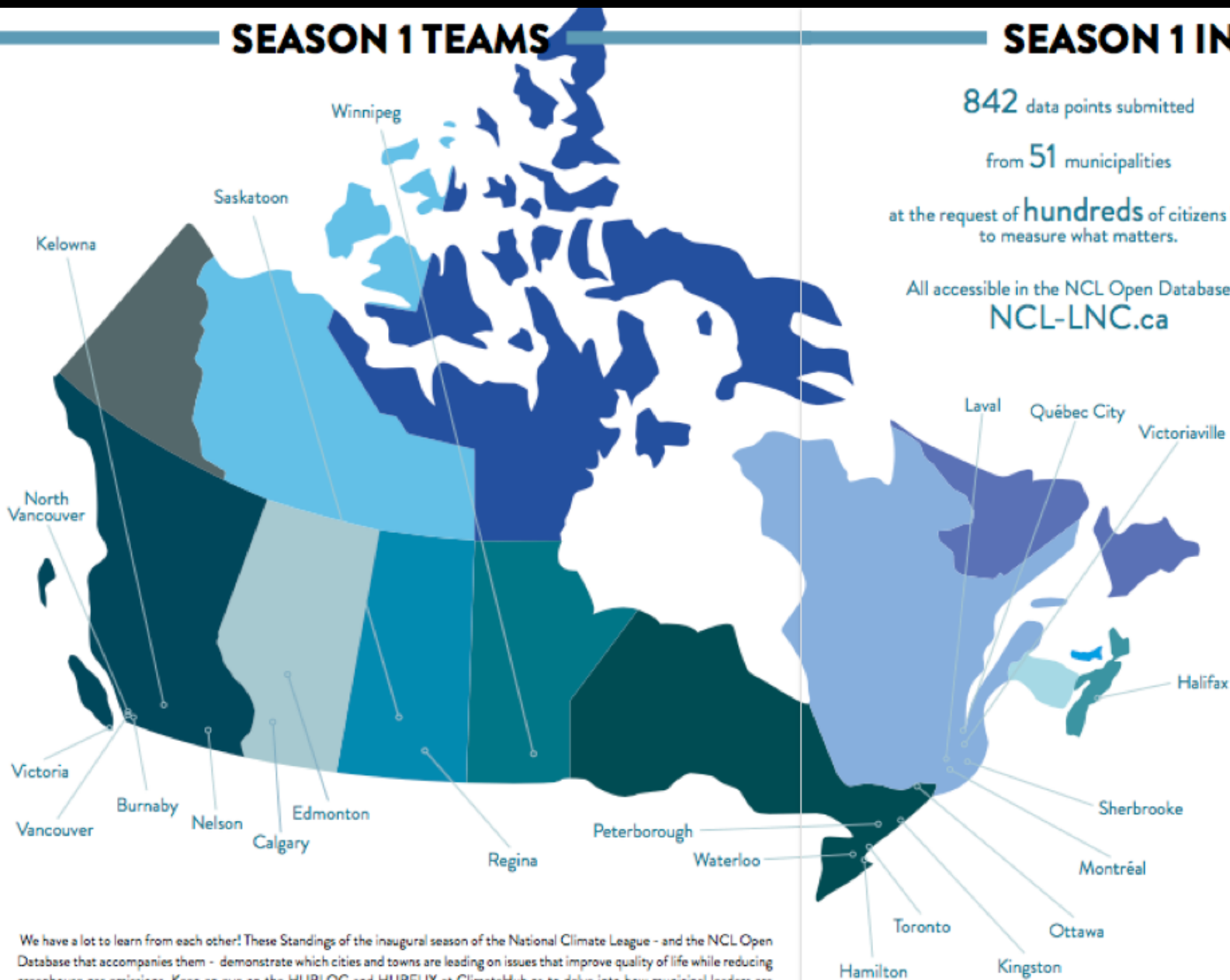






CARREFOUR CLIMATIQUE COMMUNAUTAIRE

SEASON 1 TEAMS



We have a lot to learn from each other! These Standings of the inaugural season of the National Climate League - and the NCL Open Database that accompanies them - demonstrate which cities and towns are leading on issues that improve quality of life while reducing greenhouse gas emissions. Keep an eye on the HUBLOG and HUBFLIX at ClimateHub.ca to delve into how municipal leaders are driving sustainable change. Hub teams who had their city submit at least five indicators are shown on the map.

SEASON 1 INDICATORS

842 data points submitted

from 51 municipalities

at the request of **hundreds** of citizens keen to measure what matters.

All accessible in the NCL Open Database at
NCL-LNC.ca

PRIMARY

AIR QUALITY //



BENEFIT CORPORATIONS //



BIKE LANES //



EV CHARGING STATIONS //



GREEN BUILDINGS //



LANDFILL WASTE //



PEDESTRIAN SAFETY //



PUBLIC TRANSIT //



WALKABILITY //



COMPLEMENTARY

ADAPTATION PLAN //

BUILDING CODE //

CARBON BUDGET //

CLIMATE TEST //

DIETARY CHOICES //

DIVESTMENT //

GHG EMISSIONS: BUILDINGS //

GHG EMISSIONS: INDUSTRIAL //

GHG EMISSIONS: TOTAL //

GHG EMISSIONS: TRANSPORTATION //

GHG EMISSIONS: WASTE //

INVENTORY METHODOLOGY //

INVENTORY FREQUENCY //

MITIGATION PLAN //

PUBLIC CONSULTATION //

// WALKABILITY //

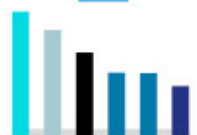
Walk Score
63

Score calculated by WalkScore.com based on the proximity of households to services and amenities.

Cities around the world are increasingly planning with mobility in mind (moving people), instead of transportation (moving vehicles). In walkable cities, pedestrians have more safe space not just to walk but to interact with others and with the city itself; there is less pollution, congestion and GHG emissions since fewer cars are needed; and people increase their physical activity and their wellbeing. Walk Score measures not just the distance to nearby amenities but also the pedestrian friendliness of the journey. The walker's paradise, where daily errands can be accomplished by foot, is a category for cities ranging from 90 to 100, very walkable cities are those obtaining 70 to 89 points, followed by somewhat walkable cities from 50 to 69, and car-dependent cities from 0 to 49, where most or almost all errands require a car.

Is your city simultaneously making the walk safe, interesting, comfortable and useful? According to city planner Jeff Speck³, those are the key offers to motivate city dwellers to walk.

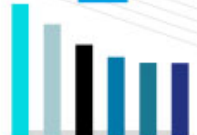
Small Cities



North Vancouver	73
Nelson	57
Kingston	49
Kelowna	42
Victoriaville	42
Halton Hills	40

Kelowna, Victoriaville and Halton Hills are considered car-dependent municipalities by Walk Score.

Medium Cities



Victoria	78
Halifax	70
Burnaby	64
Saskatoon	52
Regina	50
Laval	47

Burnaby's proximity to a major urban centre sets it apart, while Laval's does not.



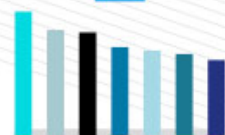
» VANCOUVER «

Active transportation is growing in popularity in Vancouver as a result of programs such as the "Moving Towards Zero" Safety Action Plan, the Rectangular Rapid Flashing Beacon (RRFB), the VIVA Vancouver Program. Infrastructure upgrades such as the ones in the Burrard Corridor, Seaside Greenway and the Hornby Street protected bike lane also bring local economic activity to their neighbourhoods by boosting foot traffic. Across the city, nearly a quarter of residents walked to work in 2016. Vancouver has already reached its 2020 target of having 50% of all trips by foot, bike, and transit, and has now set a new goal: increase that number to two-thirds by 2040²³.

NY, the #1 in Walk Score

In 2017, with 89 points out of 100, Walk Score ranked New York as the most walkable city among the largest ones in US, Australia (Sydney: 63) and Canada (Vancouver: 78). Even while Canadian, American and Australian cities succumbed to urban sprawl, NY managed to continue improving its walk score, in part by offering an array of public transportation, bike lanes, and bike share programs. Cities in different parts of the world are working to be more pedestrian-friendly through programs to pedestrianize streets, give more space to bicycles and repurpose overpasses, alleyways, and other paved infrastructure as public space⁴.

Large Cities



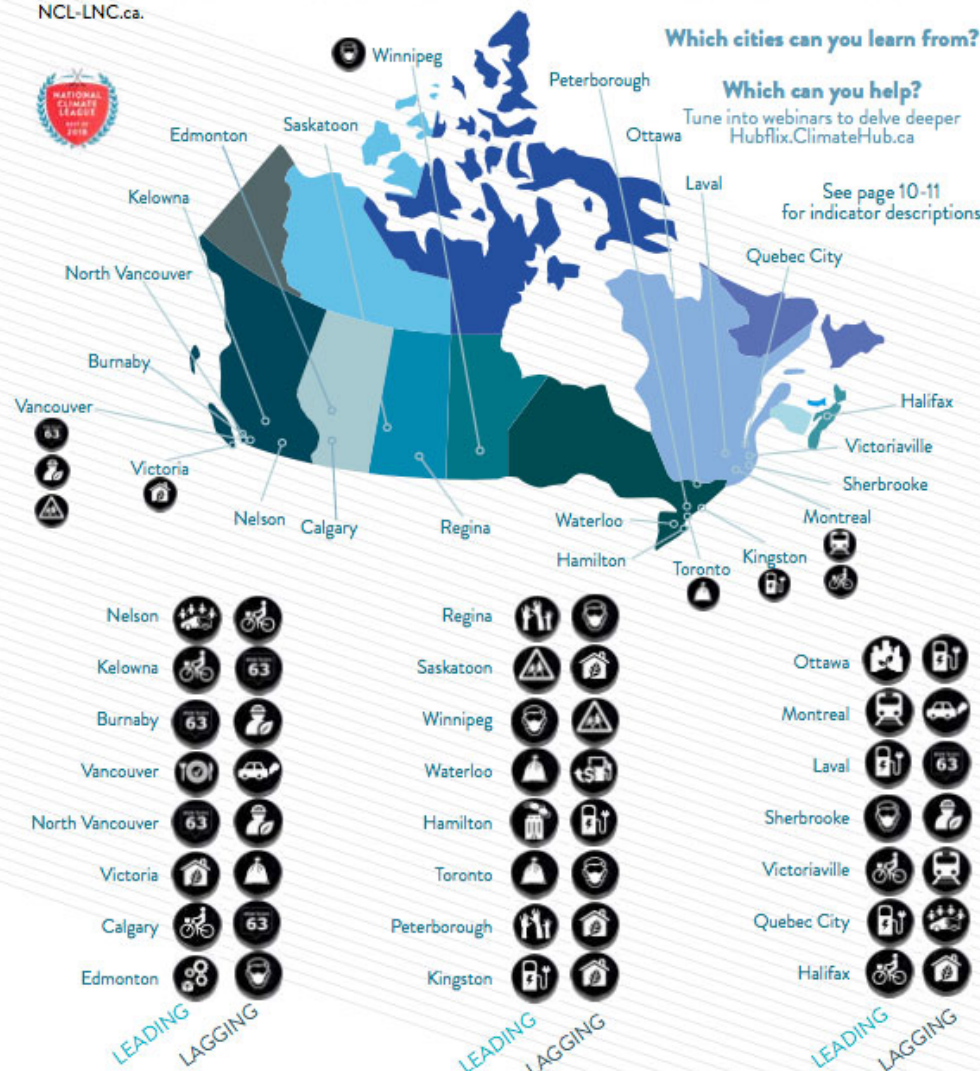
Vancouver	78
Toronto	71
Montreal	70
Ottawa	54
Winnipeg	53
Edmonton	51
Calgary	48

In Vancouver it is possible to find nine restaurants, bars or coffee shops within a five minute walk.



What are the strongest and weakest points of each city?

The first season of the NCL saw Hubs score over 800 data points from their municipalities. A complete victory including 20 years of historical information across all 23 participating municipalities and 30 NCL indicators would result in a database of over 13,000 records. Results below reflect the current data set. Municipalities are invited to submit data - even in the off-season - at NCL-LNC.ca.



Consultez le classement complet à LNC.CarrefourClimat.ca

Landfill Waste

Tonnes per household per year
2016-17

0.72

Edmonton

0.32

Toronto

0.54

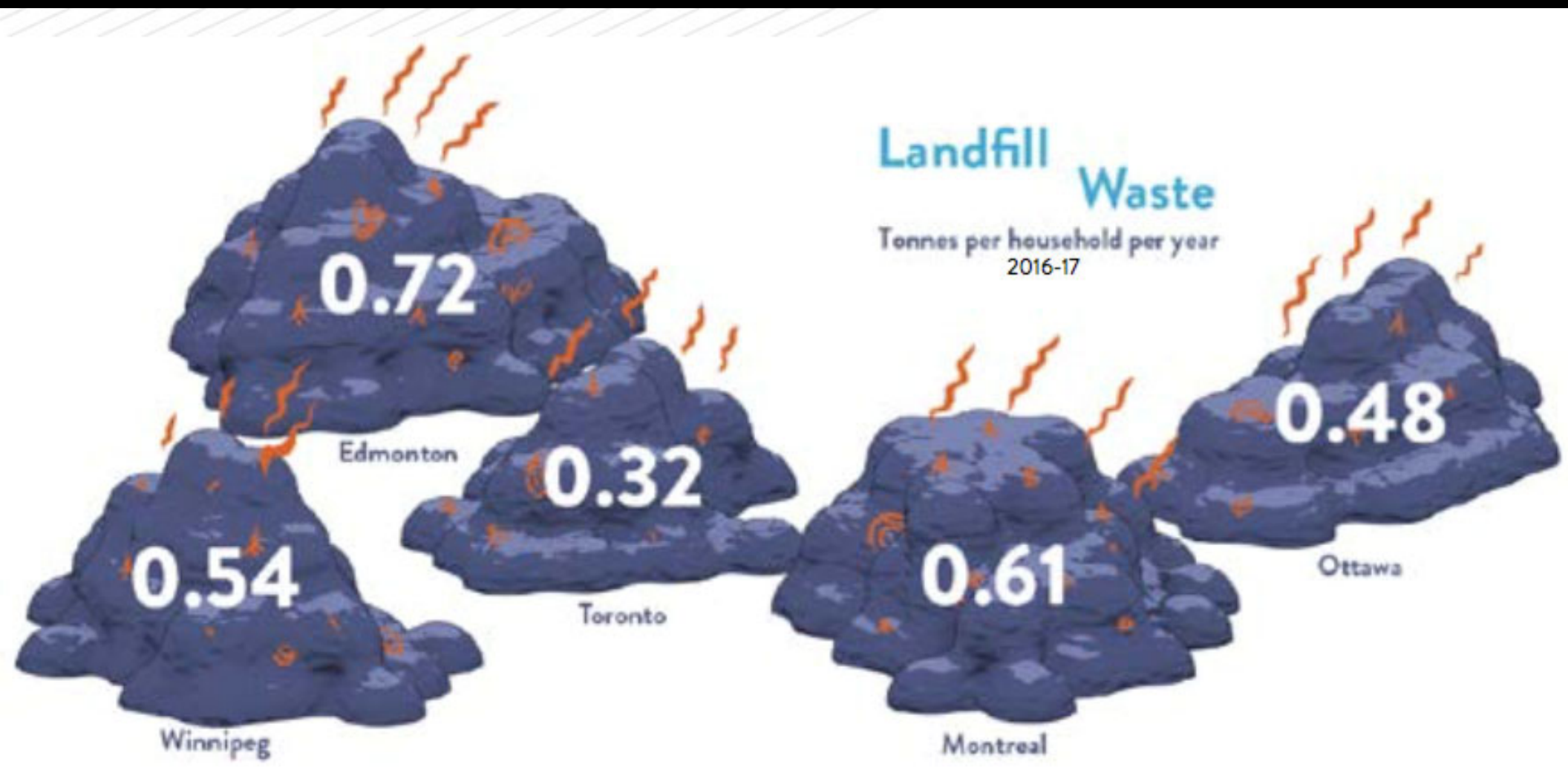
Winnipeg

0.61

Montreal

0.48

Ottawa





ARCHITECTES &
URBANISTES



BUDDHISTS



ENTREPRISES



CHRÉTIENS



CITIZENS' GROUPS



CLIMATE SCIENTISTS



ÉCO-TECH



COMMUNITY
ASSOCIATIONS



CYCLISTES



ÉCOLOGISTES



INGÉNIEURS



GROUPES
ENVIRONNEMENTAUX



FINANCE



AINÉS



SANTÉ



JEWISH



LOCAL FOOD
SYSTEMS



JURISTES



MUSLIMS



PARENTS



STUDENTS



ENTREPRENEURS
SOCIAUX



ENSEIGNANTS



TRANSIT RIDERS



MEILLEURES PRATIQUES
DE VANCOUVER



MATIÈRES
RÉSIDUELLES



WEST ISLANDERS



FEMMES



NEUROSCIENTISTS



SYSTEMS THINKING



CÉGÉPIENS



RESIDENTS OF
POINTE-ST-CHARLES



ÉCONOMIE DU
PARTAGE



ZÉRO DÉCHET



RESPONSIBLE
CORPORATIONS



VILLE INTELLIGENTE

COALITION CLIMAT MONTREAL



Des tonnes de matières recyclables à l'enfouissement



Site d'enfouissement Complexe Enviro Connexions Lachenaie

PHOTO : RADIO-CANADA / PIERRE DESHAIES



Jean-Philippe Robillard

Publié le 2 juillet 2019



Environnement

Des tonnes de papier canadien en Asie



Des travailleuses indiennes trient les ballots de papiers provenant notamment du Canada.

PHOTO : ANONYME



Jean-Philippe Robillard

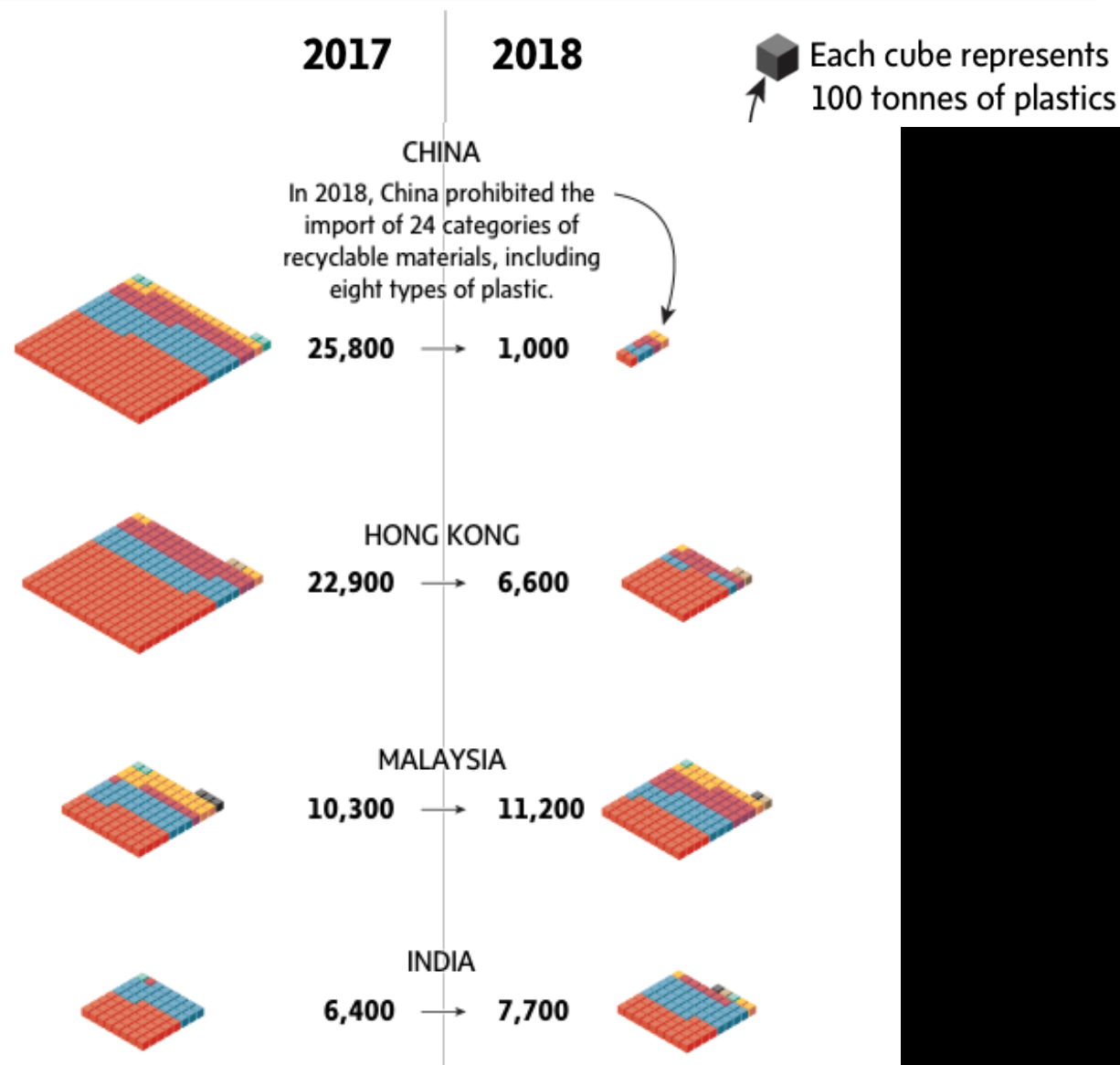
Publié le 16 juillet 2019

How the top 5 importers of Canadian plastics changed after China's ban

Tonnes of imported plastic waste, by province of origin

Origin of imported plastics

Ont. Que. B.C. Alta. N.S. Man. Sask. N.B.



Top 10 Polluters

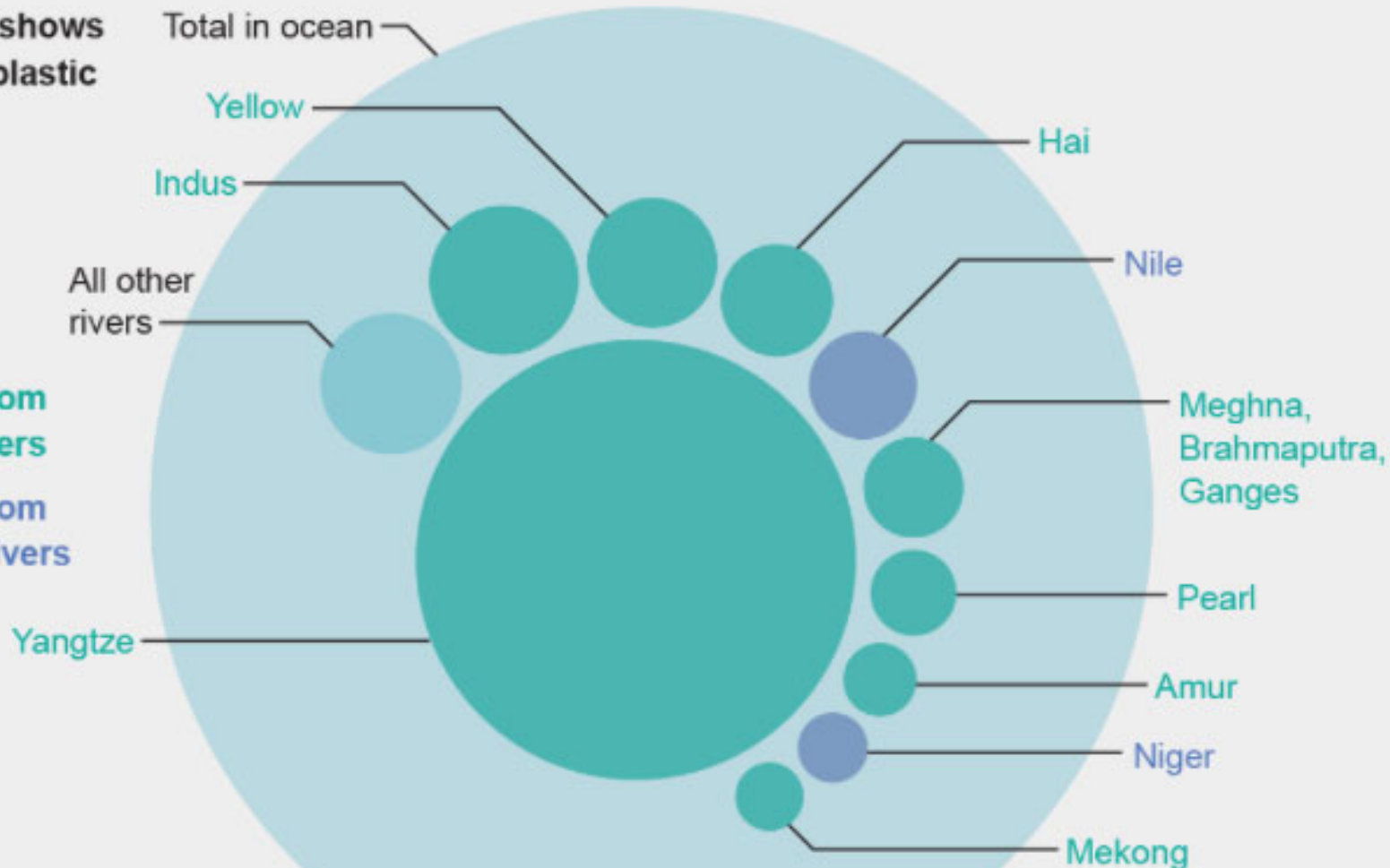
Circle area shows
amount of plastic



100,000
metric tons

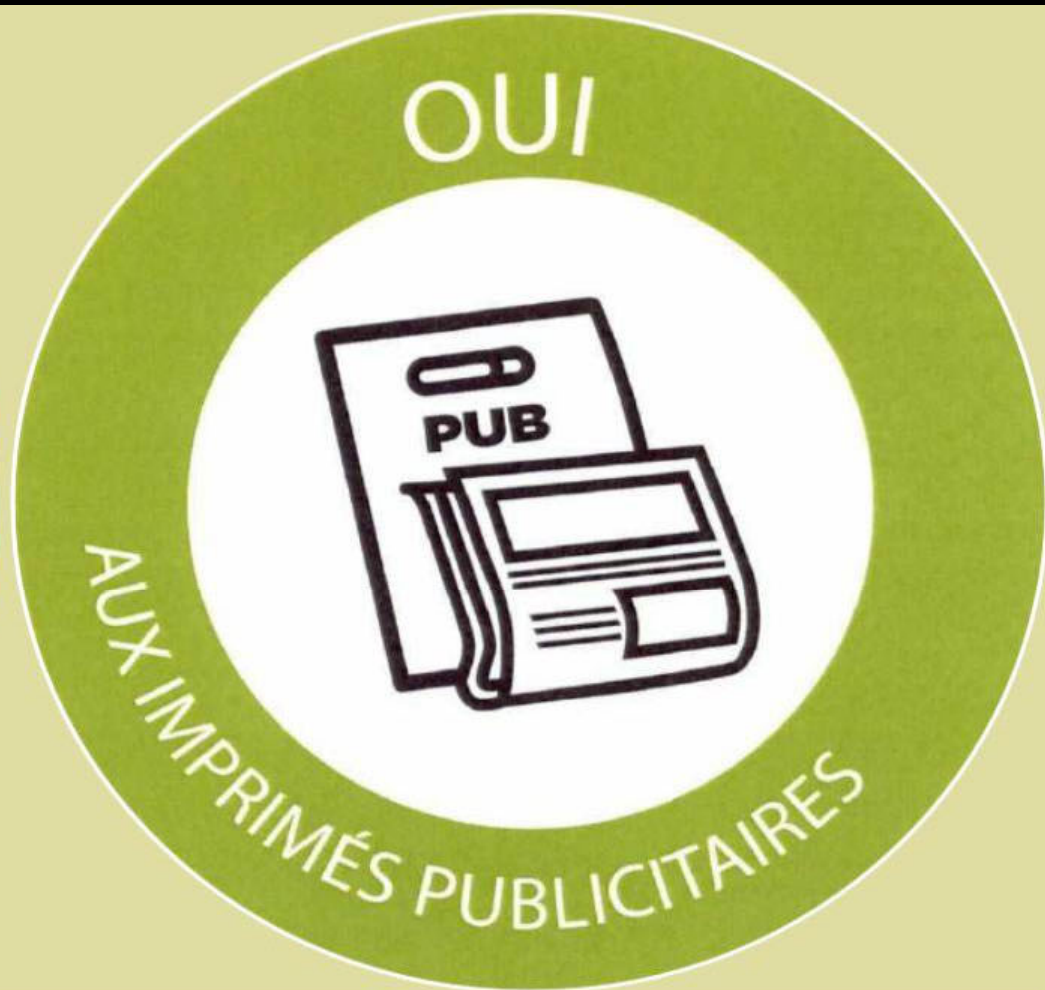
● Plastic from
Asian rivers

● Plastic from
African rivers



Credit: Amanda Montañez; Source: "Export of Plastic Debris by Rivers into the Sea," by Christian Schmidt et al., in *Environmental Science & Technology*, Vol. 51, No. 21; November 7, 2017





**LEQUEL DE CES LOGOS ENTRAVE LA LIBRE
EXPRESSION, SELON TRANSCONTINENTAL ?**



#MTL4000

COALITION
 CLIMAT
MONTRÉAL

A wide-angle photograph of a park at sunset. The sun is low on the horizon, casting a warm, golden glow over the scene. In the foreground, a large tree's branches frame the top and right sides of the image. A person is sitting on the grass in the lower right, looking towards the lake. In the middle ground, a calm lake reflects the sunset. People are gathered along the shoreline, some sitting on the grass, others walking. A person on a bicycle is visible on the left. The background is filled with trees showing autumn foliage in shades of yellow, orange, and green. The overall atmosphere is peaceful and communal.

Participation Citoyenne

#MTL400

photo: biche carlotta

COALITION
CLIMAT
MONTREAL

A wide-angle photograph of a park at sunset. The sun is low on the horizon, casting a warm, golden glow over the scene. In the foreground, a grassy field is filled with people sitting and standing. A person is riding a bicycle on the left, and another person is sitting on the ground on the right. In the middle ground, a calm lake reflects the sunset. The background is filled with trees showing autumn foliage in shades of yellow, orange, and red. The sky is a mix of orange, yellow, and blue.

Budget Carbone

#MTL400

photo: biche carlotta

COALITION
CLIMAT
MONTREAL



Inventaires Annuels

#MTL400

photo: biche carlotta

COALITION
CLIMAT
MONTREAL

A scenic view of a park at sunset. The sun is low on the horizon, casting a warm glow over a calm lake. The sky is filled with soft, orange and yellow clouds. The lake is surrounded by lush green grass and trees with vibrant autumn foliage in shades of yellow, orange, and red. In the foreground, a person is sitting on the grass, looking towards the lake. To the left, a person is riding a bicycle. In the middle ground, a group of people is gathered on the grass near the lake. The overall atmosphere is peaceful and serene.

Test Climat

#MTL400

photo: biche carlotta

COALITION
CLIMAT
MONTREAL



CANADA'S **ECOFISCAL** COMMISSION
Practical solutions for growing prosperity

CUTTING THE WASTE

How to save money while
improving our solid waste systems

October 2018



Montreal

Beaconsfield cuts garbage production by 36%



Reductions follow introduction of fees based on amount of waste produced

CBC News · Posted: Feb 05, 2016 9:00 AM ET | Last Updated: February 5, 2016



Councillor, Halifax NS

Councillor, District of
Highlands, BC

Councillor, Nelson BC

Councillor, Silverton BC
Director, RDCK

Steve Roddick
Councillor, Whitehorse YK

James Gordon
Councillor, Guelph ON

Arielle Kayabaga
Councillor, London ON

Derek Giberson
Councillor Oshawa ON

Petrina Arnason
Councillor, Langley BC

Jean Rousseau
Conseiller, la Ville de Quebec.

Jenna Stoner
Councillor, Squamish BC

Cyndi Gerlach
Trustee, North Van School
District

Climate Caucus (CC) is a non-partisan network of elected local leaders in Canada who began organizing in January 2019. Our mission is to work collectively to create policy which aligns with the IPCC targets of holding global warming to 1.5°C.

ClimateCaucus.ca

The Cities We Need

The Cities Caucus of Climate Action Network Canada outlines three ways the Canadian Government can equip cities to thrive in a changing climate.

**DOWNLOAD THE POSITION
PAPER**

RECOMMENDATION #1

Empower local governments to take climate action by providing directed financial resources.



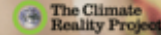
RECOMMENDATION #2

Incentivize municipalities to achieve carbon neutrality before 2050.



RECOMMENDATION #3

Encourage broad democratic participation.



ClimateReality.ca/Cities-Caucus



#MTL4000

COALITION
 CLIMAT
MONTRÉAL