

Bouncing Forward, Not Back

COVID-19 & CLIMATE CHANGE ARE 2 GLOBAL HEALTH EMERGENCIES IMPACTING:

Temperature & Precipitation



- Air Pollution
- Wildfires
- Hurricanes
- Rising sea levels

Health



- Respiratory Illnesses
- Heat Stroke
- Asthma & Allergies
- Vector-Borne Diseases

People & Communities Facing Barriers



- Elderly, children
- Low-income & racialized groups
- Patients with pre-existing health conditions

COVID-19

HOW DID WE GET HERE?

CLIMATE CHANGE

Habitat and environmental destruction contributed to stress on wildlife and increased the chances for spill-over events of animal to human disease transmission

Fossil fuel burning & emissions from human activities have contributed to **Greenhouse Gas emissions**, increasing global temperatures, & increasing habitat loss and extinctions

THE PROBLEM

COVID-19 has magnified **existing social, environmental, & health inequities**

Low income racialized neighbourhoods are often highly **dense and crowded**, making it **difficult to practice physical distancing**

American **Race-Based Data** shows the **disproportionate impacts on racialized communities** and reports **higher rates of deaths from COVID-19**

Air Pollution combined with **COVID-19** is linked to **worse outcomes from infection**



INSIGHTS from COVID-19

Need more **social solidarity & sustainable solutions** for **essential workers, local businesses, healthcare, & equity deserving communities**

Stay at home regulations supported:

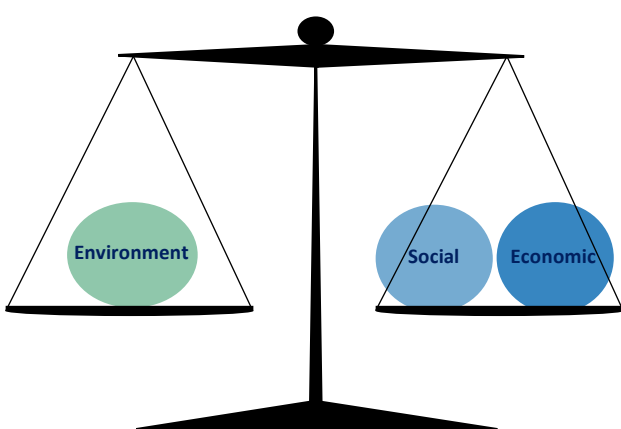
- Reduction in NO₂ & CO₂ & improved air quality and visibility
- Decrease in carbon emissions

We have witnessed **global mobilization** and **extensive efforts to tackle the COVID-19 pandemic....**

“If we can change everything for one kind of emergency, why not do it for another?”

- Eric Doherty

SUSTAINABLE DEVELOPMENT FACTORS



Development that meets the needs of the present without compromising the ability of future generations to meet their own needs includes a **balance of these factors**

WHAT CAN WE DO?

Clean, green, and public investments: Move away from the fossil fuel industry and shift to clean energy, renewables and other green infrastructure

Consult with racialized experts on urban density challenges, race-based data collection, and climate change preparedness **strategies focused on equity** for communities disadvantaged by structural systems

Support, shop, and promote local businesses to nourish a resilient economy

This information was presented on April 15th, 2020 as the first contribution to the series: “Learning and Relearning for Planetary Health”
<https://learningforplaneta.wixsite.com/website/webinar-1>