



Chapter 2

CLIMATE CHANGE MITIGATION AND PREVENTION STRATEGIES

The RHSRNbc's second chapter outlines established efforts and strategies to prevent and mitigate climate change.



Canada's Energy Sectors



Globally, Canada is the...

- 6th** largest energy producer
- 4th** largest crude oil producer
- 2nd** largest uranium producer
- 2nd** largest hydroelectricity producer

FOUNDING MEMBER

Climate and Clean Air Coalition (CCAC)

a voluntary partnership of governments, intergovernmental organizations, businesses, scientific institutions and civil society organizations taking action to reduce short-lived climate pollutants (SLCPs) to protect the climate and improve air quality

Canadian healthcare system is responsible for 4.6% of the national CO2 emissions.

A median estimated number of **23,000*** disability-adjusted life years (DALYs) are lost annually from these environmental changes

*per 100,000 people

Mitigation strategies for health services

Medical Waste Management



Integrating more reusable metal sterilization containers



E-Waste Management

'Green IT' prioritizes the use of more energy-efficient systems

Healthcare Infrastructure

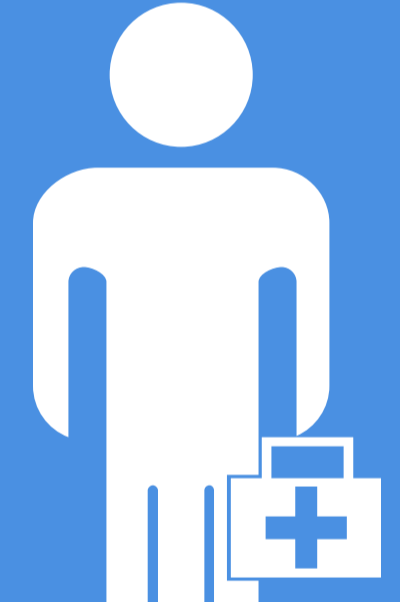
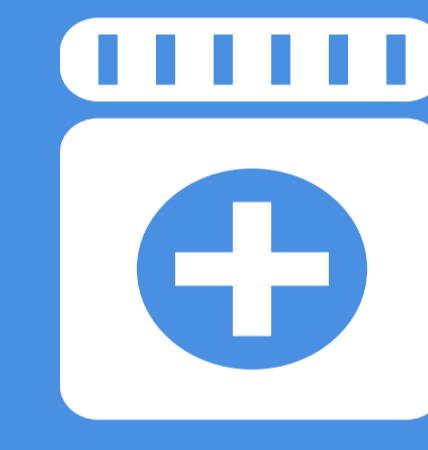
Implementation of more electronic healthcare vehicles



RETScreen technology

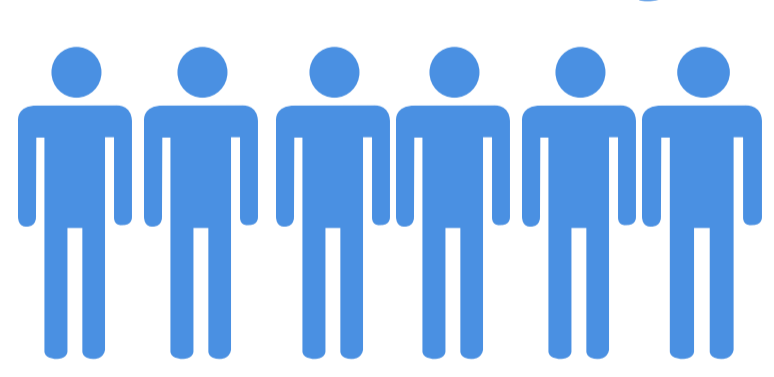
Rapidly identifies and optimizes the viability and performance of potential clean energy projects

A Physician's Role in Climate Change Mitigation



Utilizing the unique community position physicians hold, they can help build public awareness of climate change and guide behavioural changes for better health outcomes

Developing trust with patients and the community



Leadership

Building public awareness



Identifying relevant vulnerability factors at the local level

Climate Change Mitigation

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COVID-19 Recovery

The International Institute for Sustainable Development outlined seven key principles to facilitate a green recovery from the COVID-19 pandemic in Canada:

1. Financial support to industry must include conditions for a zero-emission transition



2. Apply strict financial conditions to increase financial stability, secure jobs, and the incentivize low-carbon transition



3. Ensure recovery is worker-focused and accelerates and enables just transitions



4. Support the evolution and creation of the sectors and infrastructure of tomorrow



5. Protect, follow, and strengthen environmental regulations and climate policy frameworks during recovery



6. Ensure transparency and accountability



7. Support must contribute to increased equity and well-being, leaving no one behind



Read the full chapter here: <https://tinyurl.com/RHSRNbcChapters>



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