

Exploring Climate Equity

Agenda

1. Definition of Climate Equity
2. Climate Equity and Adaptation
3. Climate Equity and Mitigation
4. Energy Poverty
5. Actions, Barriers & Opportunities



4 Aspects of Climate Equity

“Climate equity means working towards the just distribution of the benefits of climate actions (mitigation and adaptation) and alleviating unequal burdens created or worsened by climate change.”

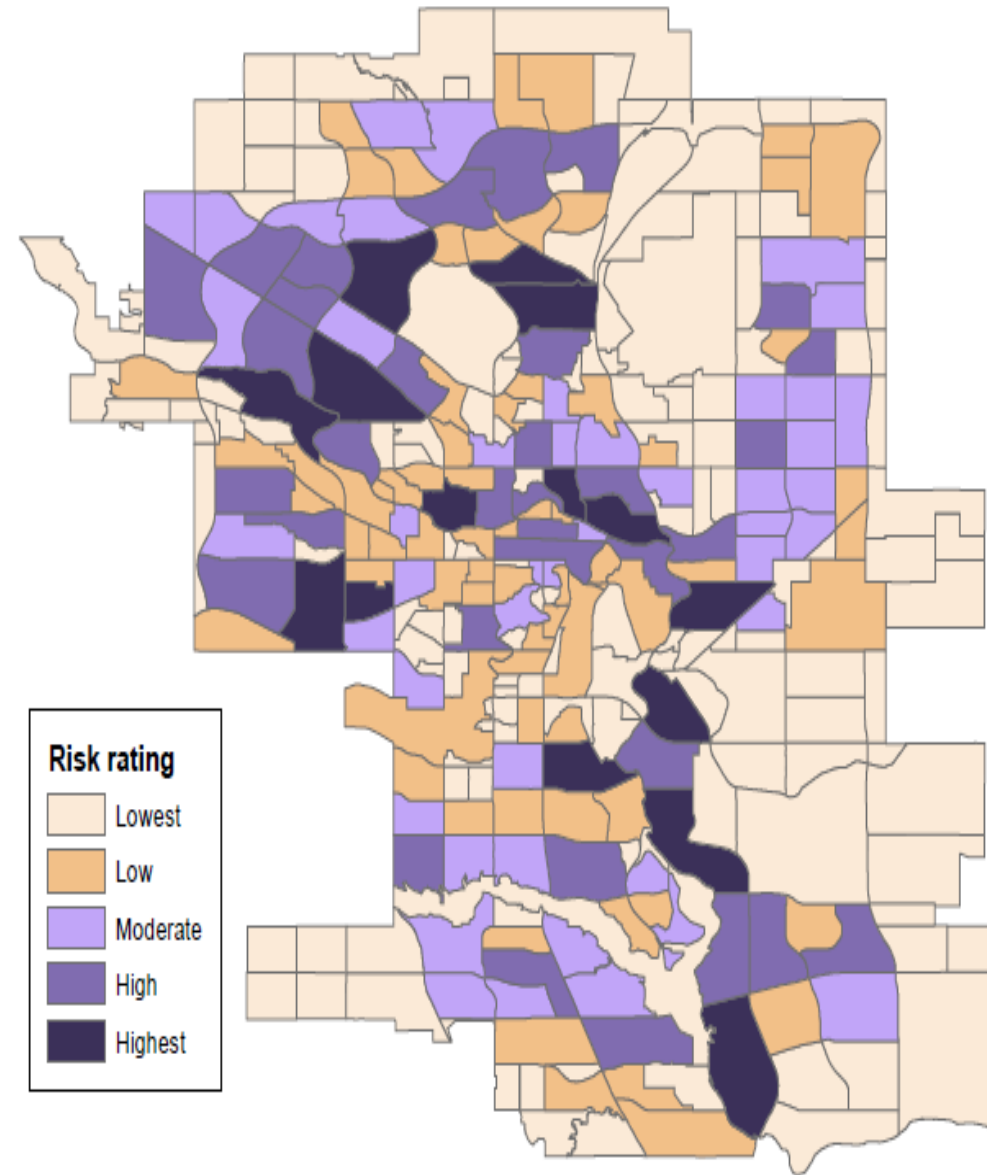
- **Procedural (Inclusion)**
- **Distributional (Access)**
- **Structural**
- **Transgenerational**



Do our Climate Actions disproportionately impact anyone, and how can we address that?

Equity and Adaptation

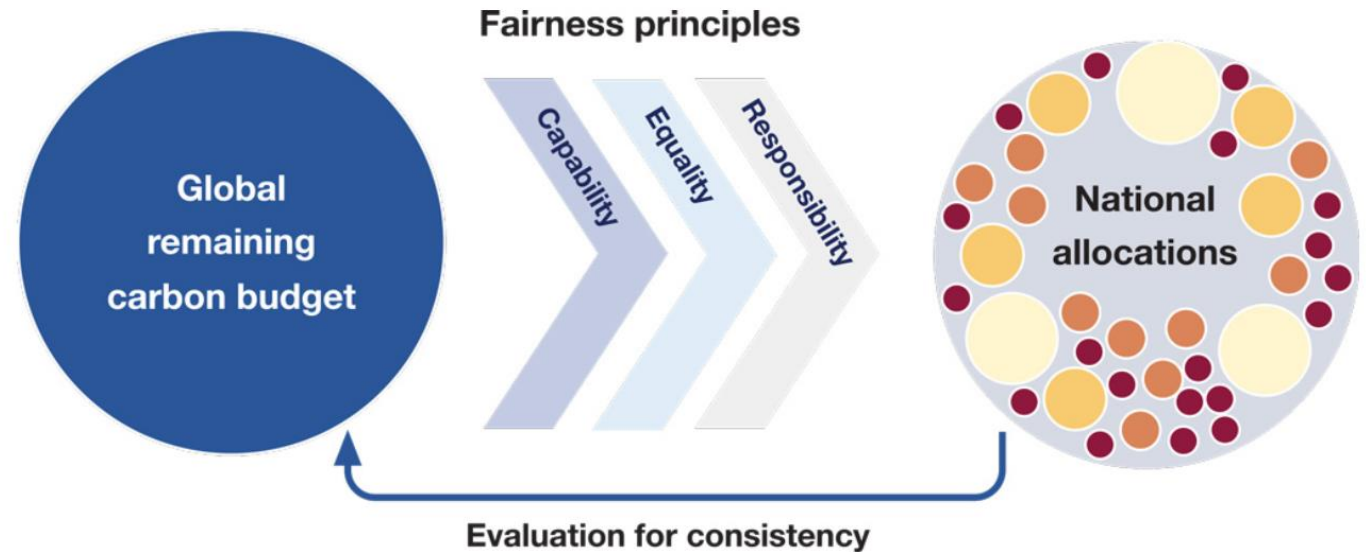
Climate risk is inequitably distributed geographically and is driven in part by social factors.



Equity and Mitigation

The Global Carbon Budget is allocated **equitably** amongst municipalities based on the following principles:

- **Equality** based on an understanding that human beings should have equal rights / quality of life
- **Responsibility** for contributing to climate change based on historic and current emissions
- **Capacity** to contribute to solving the problem



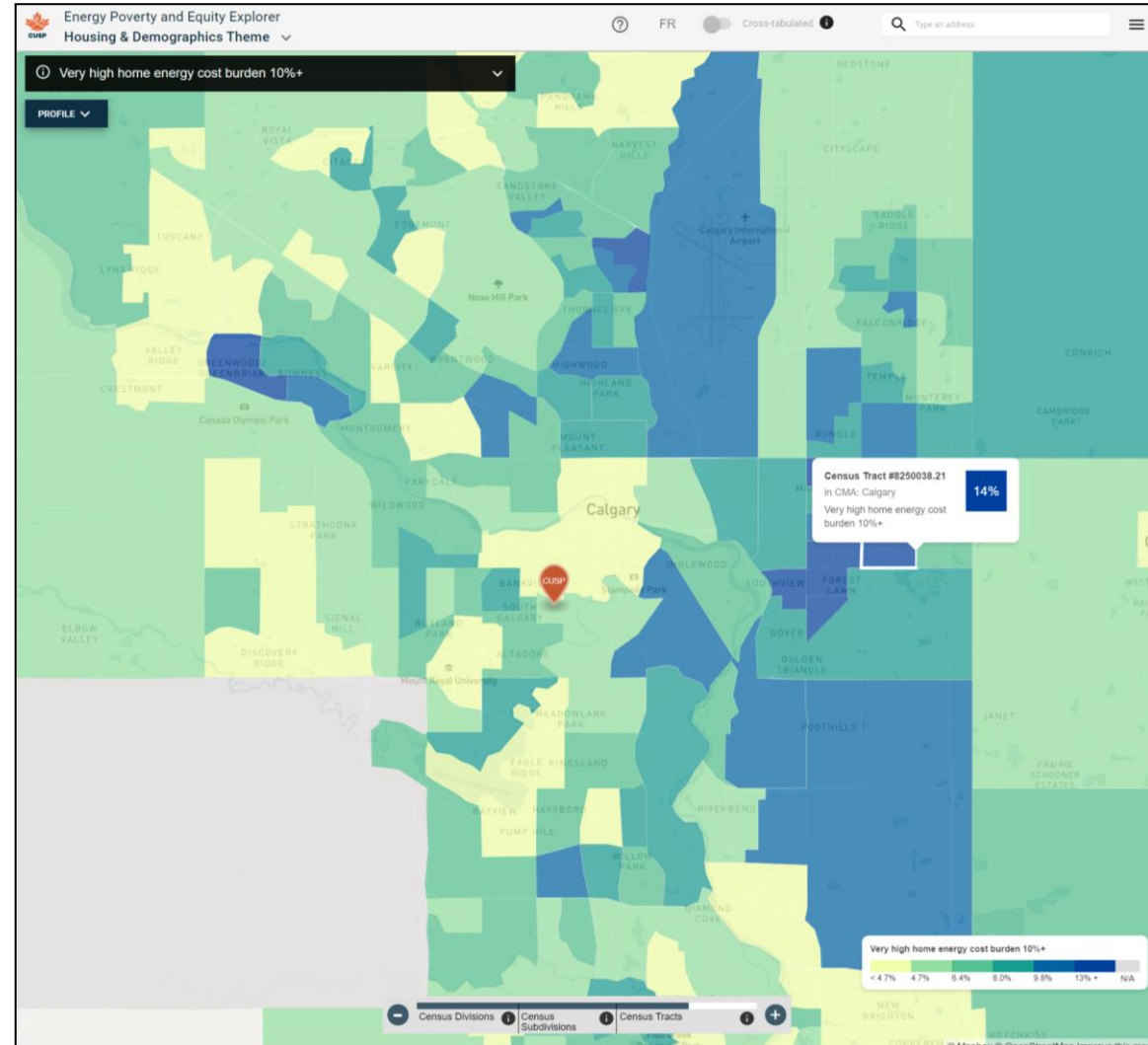
A **carbon budget** is the cumulative amount of carbon dioxide (CO₂) emissions permitted over a period of time to keep within a certain temperature threshold (ex. 2 degrees global temperature increase).

Energy Poverty

'Energy poverty' means lack of access to **affordable** energy.

Calgary has areas of very high-cost burden (10%+ of household income) in all quadrants, and for both renters and owners.

Energy poverty connects to climate, economic, and social outcomes.



Equity Actions

Examples of action undertaken to explore and address equity in policy, programs, services and communication



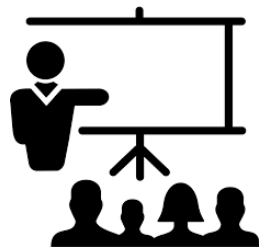
Climate Resilience Strategy Update



Climate Equity Working Group



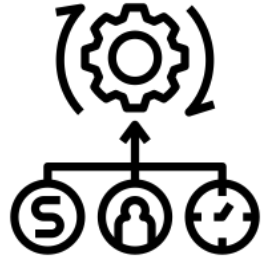
Community Climate Risk Index & Integrated City Energy Map



Education & Outreach

Barriers

Challenges that impede addressing or integrating equity



Resources



Access to Data



Barriers to Participation



High Upfront Costs

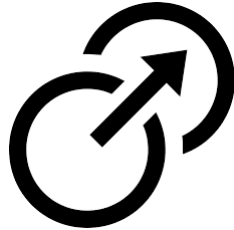
**Where
opportunity
lies**



Climate Justice Charter



Partnerships with Community Organizations



Just Transition Programs



Accessible Financing

**"A lot of the countries and
groups of people that are putting in a lot of climate work
will disproportionately feel the effects of climate change.
And they're not even the people that created
this mess in the first place."**

— Elsa Mengistu

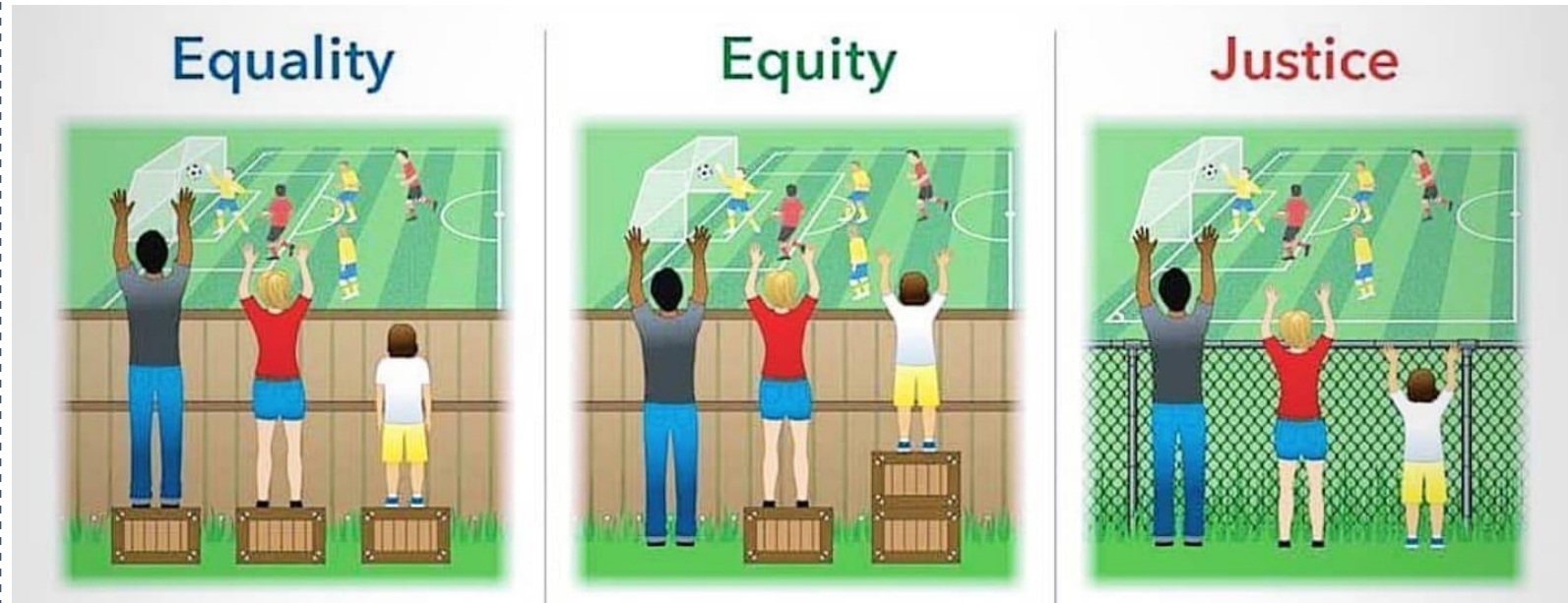
Reference Slides

Equality, Equity & Justice

Equality means everyone gets the same thing.

Equity means everyone gets what they need.

Justice means the cause(s) of inequity are removed.



Climate Equity Leadership

International and national authorities center equity and justice in climate policies and actions.

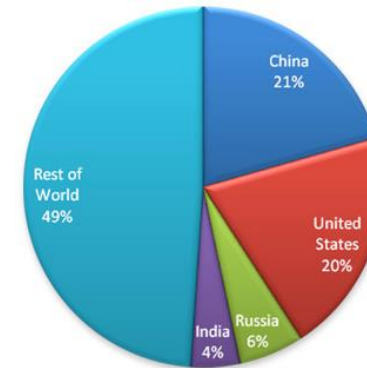


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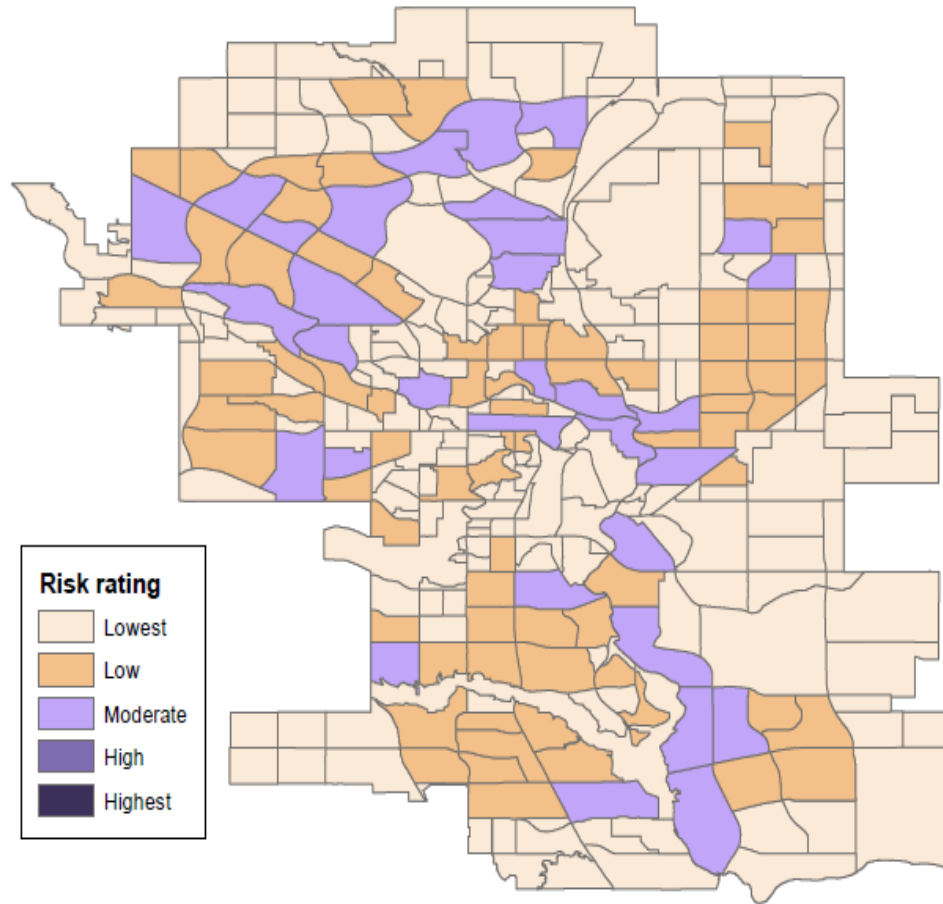
Climate Equity Principles (UNFCCC)

- A precautionary approach to adequacy
- Common but differentiated responsibility and respective capability (CBDR+RC)
- The right to sustainable development



Community Climate Risk Scores

Current risk rating by community



Future risk rating by community

