



Climate Change and Inequity

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Inequity between countries

- Current per capita CO₂ emissions – consumption based
- Trends in developed nations
 - Transferred and relocated GHG emitting businesses to other countries
 - Reinforcing restrictions (carbon boarder tax, limitation on international investment on GHG related industries)
- Developing nations
 - Importance of CO₂ based industries in their national economies
 - Lack of resource for energy paradigm/system shift and relevant infrastructure
 - Deteriorating vulnerability to climate change
- Not capable nor fair to respond and mitigate the climate change in the same level

	tCO ₂ e per person per year	% change with production	ratio to world average
World average	6.2	0	1
N. Americans	22.5	13	3.6
West. Europeans	13.1	41	2.1
Middle East	7.4	-8	1.2
Chinese	6	-25	1
Latino Americans	4.4	-15	0.7
S. Asians	2.2	-8	0.4
Africans	1.9	-21	0.3
Sustainable level	1.3	0	0.2

Source: Lucas Chancel and Thomas Piketty, Carbon and inequality from Kyoto to Paris (2015)

Inequity within country

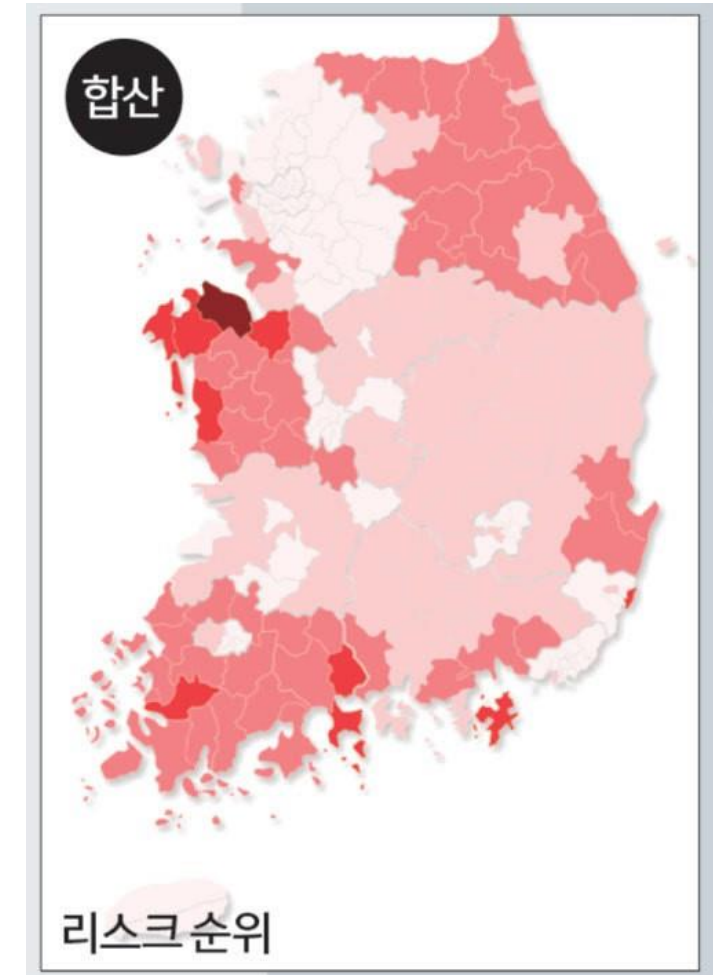
Equal responsibility on mitigating carbon?

- Regions, industries, professions based on carbon emission
- Who has benefited from carbon-based industry?

Accelerating inequity

- Disabled, single-person household, platform worker, etc.
- Different impact among generations

Environmental Injustice



(Source: Jiro Yoon, "GHG reduction 'Environmental Injustice'", Seayellbo, July 13, 2020)

What should we do..?

- Mitigation
 - Carbon tax : should not be imposed in the manner of value added tax (opposed to Common but Differentiated Responsibility)
 - Inequity should be considered from the planning stage
- Adaptation
 - Anyone should be protected before questioning whose responsibility
 - Directly connected to human rights regarding life, health and adequate housing
 - Constitutional obligation of government
- Legislation and system for rights
 - Right to know and access to information regarding climate changes
 - Right to participate in climate issues
 - Right to seek relief