Action Cards for Managing Climate Change Game

Build offshore wind	Offer tax cuts to	Build a coastal sea wall
farms as a renewable	businesses investing in	to protect coastal
energy source.	renewable energy.	communities.
Economic Cost: -2	Economic Cost: -1	Economic Cost: -3
Environment Cost: +5	Environment Cost: +1	Environment Cost: +2
Build water stores for	Assist farmers to change	Develop mangroves
irrigation and water	crops to more climate	between coast and sea
during droughts.	suitable crops.	for protection.
Economic Cost: -2	Economic Cost: -1	Economic Cost: -2
Environment Cost: +3	Environment Cost: +1	Environment Cost: +2
Improve pest and	Improve drainage in	Build sand dunes as
disease control to	flood prone areas to	between coast and sea
prevent crop failures.	reduce flood risk.	for protection.
Economic Cost: -2	Economic Cost: -2	Economic Cost: -2
Environment Cost: +2	Environment Cost: +3	Environment Cost: +2
Invest in borehole drilled	Educate communities in	Move all residents away
water sources to provide	water use reduction and	from at-risk coastlines.
clean water.	avoiding wastage.	
Economic Cost: -2	Economic Cost: 0	Economic Cost: -3
Environment Cost: +2	Environment Cost: +1	Environment Cost: +1
Raise water points and	Build wind and solar	Invest in climate
latrines to prevent flood	farms as a source of	forecasting technology
contamination.	renewable energy.	to warn of weather.
Economic Cost: -1	Economic Cost: -3	Economic Cost: -1
Environment Cost: +1	Environment Cost: +5	Environment Cost: +2
Give grants to people to	Tax CO ₂ emissions to	Improve roads to avoid
install solar panels for	reduce emissions and	congestion and transport
renewable energy.	increase income.	emissions.
Economic Cost: -2	Economic Cost: +4	Economic Cost: -2
Environment Cost: +2	Environment Cost: +2	Environment Cost: +1
Build water stores for	Introduce laws requiring	Improve public transport
irrigation and water	appliances are energy	to avoid car emissions.
during droughts.	efficient.	Economic Cost: -2
Economic Cost: -2	Economic Cost: 0	Environment Cost: +1
Environment Cost: +3	Environment Cost: +2	

Action Cards for Managing Climate Change Game

Charge high import	Encourage buying local	Improve drainage in
taxes on international	products instead of	flood prone areas to
products.	foreign.	reduce flood risk.
Economic Cost: +2	Economic Cost: 0	Economic Cost: -2
Environment Cost: 0	Environment Cost: +1	Environment Cost: +3
Invest in carbon capture	Invest in carbon capture	Tax or fine those
and reforestation.	and reforestation.	removing trees and
		green spaces.
Economic Cost: -2	Economic Cost: -2	Economic Cost: +2
Environment Cost: +5	Environment Cost: +5	Environment Cost: +2
Agree to reward	Agree to support other	Build water stores for
polluting countries for	countries needing help	irrigation and water
emission reductions.	to reduce emissions.	during droughts.
Economic Cost: -2	Economic Cost: -2	Economic Cost: -2
Environment Cost: +2	Environment Cost: +2	Environment Cost: +3
Tax CO ₂ emissions to	Charge high import	Improve drainage in
reduce emissions and	taxes on international	flood prone areas to
increase income.	products.	reduce flood risk.
Economic Cost: +4	Economic Cost: +2	Economic Cost: -2
Environment Cost: +2	Environment Cost: 0	Environment Cost: +3
Raise water points and	Build offshore wind	Build water stores for
latrines to prevent flood	farms as a renewable	irrigation and water
contamination.	energy source.	during droughts.
Economic Cost: -1	Economic Cost: -2	Economic Cost: -2
Environment Cost: +1	Environment Cost: +5	Environment Cost: +3
Agree to reward	Develop mangroves	Invest in borehole drilled
polluting countries for	between coast and sea	water sources to provide
emission reductions.	for protection.	clean water.
Economic Cost: -2 Environment Cost: +2	Economic Cost: -2 Environment Cost: +2	Economic Cost: -2 Environment Cost: +2
Raise water points and	Assist farmers to change	Improve pest and
latrines to prevent flood	crops to more climate	disease control to
contamination. Economic Cost: -1	suitable crops. Economic Cost: -1	prevent crop failures. Economic Cost: -2
Environment Cost: +1	Environment Cost: +1	Environment Cost: +2
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