

Climate Solutions
In Democratic Candidates' Plans

	Biden	Bloomberg	Buttigieg	Klobuchar	Sanders	Warren
	\$40b	\$18b	\$18b		'massive'	\$63b
	x	x				x
	x					

Science

- Increase annual investment in research and development for climate solutions by
- Re-empower the EPA to limit pollution
- Take action against those who promote harm and conceal information

Climate Solution Mechanisms

- Establish carbon fee and dividend
- Establish clean energy standards (increasing minimum % of renewable electricity)
- Establish carbon cap and trade program
- Implement Green New Deal
- Stated goal: carbon free by the year
- Funding for climate and environment, per year:
- Leverage private sector funding per year of:
- Preserve and implement the Clean Air Acts (of 1963 and 1990)
- Restore Obama's Clean Power Plan and EPA's methane regulation
- To empower energy efficiency and clean energy, fund a national green bank
- Establish a clean technology fund with
- Sell government climate action bonds, to double in value over 20 years
- Annually remove 1 gigaton of carbon dioxide from atmosphere by

		Both	Both	Fee only	Fee only
		x			x
No	No	No	No	No	No
				x	x
2050	2050	2050			
\$170b				\$1.1t	
\$500b					
x				x	x
			x	x	x
		x			x
		\$50b			
		x			x
		2040			

International

- Re-join Paris Climate Accord
- Increase US pledge to the UN Green Climate Fund from \$3 billion to
- Encourage other nations to increase their Paris pledges
- Use trade policy to ensure other countries reduce emissions
- Embrace the Kigali Amendment, curbing HFC use
- Demand an international ban on fossil fuel subsidies
- Establish matching funds for US companies for clean energy in developing world
- End US support of World Bank aid for fossil fuel development

x	x	x	x	x	x
		\$6b		\$200b	
x		x		x	
x		x		x	x
x		x		x	
x					
		\$250b			
				x	x

Corporate

- Eliminate US direct subsidies for fossil fuel corporations
- Allow lawsuits against corporations and their CEOs
- Require corporations to disclose emissions and climate risks
- Subsidize fossil fuel companies to transition to cleaner energy
- Net zero for all industrial sectors, including steel and concrete, by

x		x	x	x	x
x			x	x	x
x					x
	x				
2050	ASAP	2050	2050	2050	2050

Fossil Fuels

- Ban all fracking, mountaintop removal coal mining, and offshore drilling
- Ban all new fossil fuel infrastructure and all fossil fuel imports and exports
- Allow fracking
- Accept methane as a transition fuel
- Ban drilling and mining on public lands except specific cases
- Ban offshore drilling
- Require methane pollution limits on oil and gas operations

				x	x
				x	x
	x		x		
	x		x		
	x			x	x
					x
x		x			

Transportation

- New charging stations for electric vehicles
- Restore tax credit for electric vehicles
- Grants and trade-in programs to promote electric vehicles
- Reinstate Obama's trajectory for vehicle fuel efficiency
- Establish vehicle fuel efficiency standards of 54.5 mpg by 2025
- Biofuels for aircraft and shipping
- Construct high-speed rail
- Discourage urban sprawl, shortening vehicular trips
- Net zero emissions for all cars, trucks, buses, trains, ships, and aircraft by
- Loan guarantees for retooling assembly plants to accommodate electric vehicles
- Invest in public transportation

x				x	x
x		x			x
				x	x
x			x	x	x
x				x	
x		x	x		x
x				x	
		2040		2030	2030
		x			
		x		x	x

Electricity

- Incentivize wind and solar
- Increase nuclear, especially small nuclear reactors
- "Renewables are still many years away from reality"
- Accelerate "clean" energy development
- Construct a smart grid
- Clean power for all electricity by

x		x			
Yes	?	?	Yes	No	No
	x				
	x	x			
	x			x	
		2035		2030	2030

Buildings

- Improve efficiency of government-owned buildings
- Improve efficiency of new buildings via building codes
- Incentivize efficiency of existing buildings
- Heighten efficiency standards for appliances and equipment

x					x
x		x	x		x
x		x		x	x
x					

Farming and Land

- Support biofuels
- Invest in practices to restore soil, build soil carbon
- Invest in conservation programs for cover crops
- Support deployment of methane digesters
- Assist climate-vulnerable communities and those harmed by sea level rise
- Conserving public lands and planting trees

x		x			
x		x		x	x
x				x	x
x					
				x	x
				x	

Jobs

- Training
- Secure the pensions and health benefits of coal miners
- Guarantee five years salary for workers displaced from the fossil fuel industry
- Require manufacturing in America for wind and solar
- Increase payments into coal's black lung program by companies or government:
- Climate corps public/private partnership

		x		x	x
x	x		x	x	
				x	
					x
Company				Gov't	
		x			