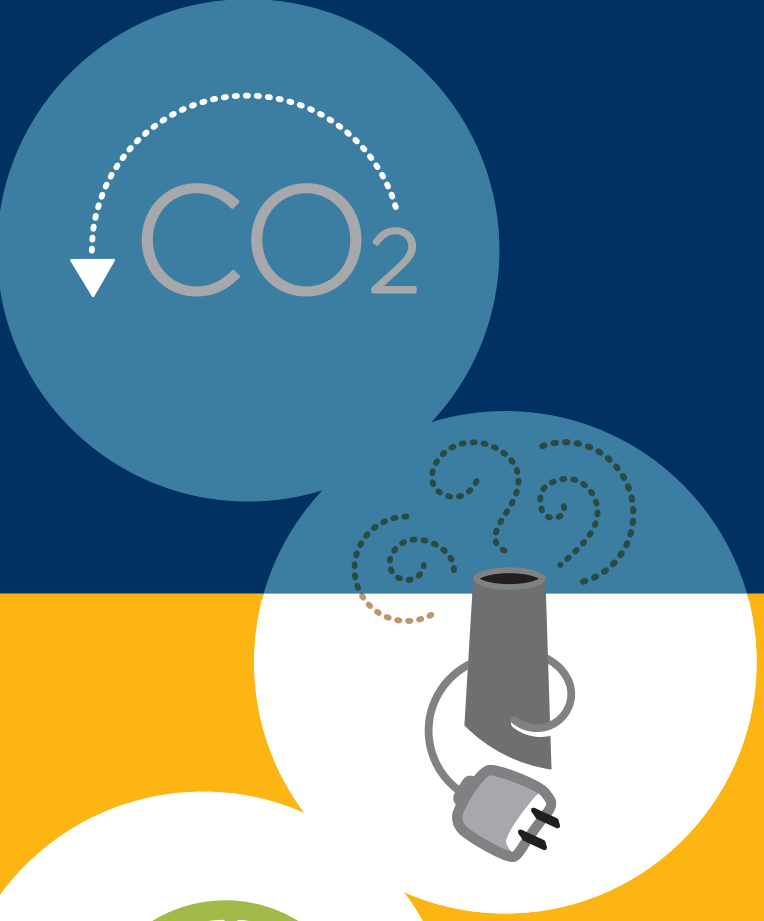
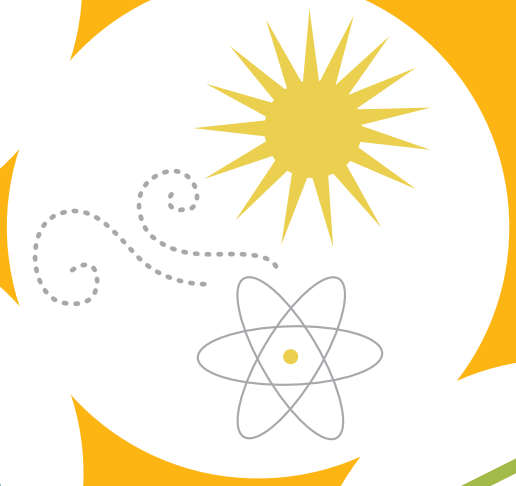
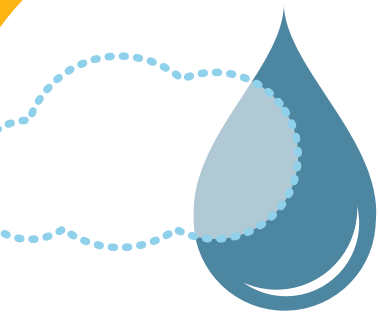
Inner Mongolia

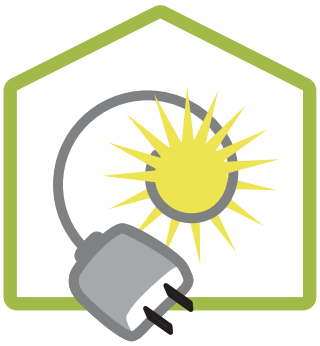
AUTONOMOUS REGION

14th Five-year Plan
Subnational Climate Policy Brief









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	14TH FIVE-YEAR PLAN TARGETS	POLICY FOCUS
CARBON PEAKING AND NEUTRALITY	• Carbon peaking by 2030 • Support earlier carbon peaking for capable regions • Align with the national target for carbon intensity • By 2025, reduce energy intensity by 15% compared to 2020 levels • Establish regional green financing funds • Promote carbon trading	
ENVIRONMENTAL TARGETS	• Align with the national targets for percentage of days with satisfactory air quality in major cities • Align with national targets for the quality of freshwater surfaces	• Initiate "Gross Ecosystem Product (GEP)" measurement • Establish regional green financing funds • Increase wastewater recycling capabilities to 40%. Promote wastewater reuse for irrigation • By 2025, lower water use in major regions by 8% when compared to 2020 levels • Increase local government accountability and responsibility for forest resource management and river resource management
ENERGY SUPPLY	• By 2025, the total installed capacity for non-fossil fuel generation equipment: >50% • By 2025, energy consumption by non-fossil fuel sources: > 18% • By 2025, electricity generated from non-fossil fuel forces: 30% • Energy supply by 2025: · Integrated primary energy production capability: 818 million metric tons (MT) equivalent of standard coal · Total installed generation capacity: 271 GW · Total installed non-fossil fuel generation capacity: 135 GW • Fossil fuel production by 2025 when compared to 2020 level: · Coal: increase by 1% · Oil: increase by 0.7% · Natural gas: increase by 3.8% • By 2025, increase biomass energy generation installed capacity to 600 MW • By 2025, increase bio-natural gas production to 200 million cubic meters • By 2025, increase electricity's share of final energy consumption to: >30% • By 2025, increase green hydrogen production to 500,000 Metric Tons	• Scientifically develop new energy projects based on water and ecological limits • Renovate coal plants to install low-emission equipment and retire unqualified coal plants • Promote the recovery of energy from wastewater and sludge • Promote hydrogen production with wind and solar energy at scale, and explore heating supply with hydrogen • Promote energy storage • Develop local nuclear power generation support infrastructure capabilities • Digitize power stations and coal mines • Reinforce the electric grid, and explore smart grid and microgrid applications • Develop carbon capture technologies • Increase natural gas production capabilities

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	14TH FIVE-YEAR PLAN TARGETS	POLICY FOCUS
TRANSPORTATION	• By 2025, construct 100 charging facilities and 40,000 charging stations • Satisfy infrastructure needs for at least 100,000 electric vehicles • By 2025, total number of hydrogen refueling stations to reach 60	• Promote green mobility • Develop local hydrogen fuel cell equipment production capabilities and establish pilot fuel cell electric vehicle cities • Construct electric vehicle charging stations
INDUSTRY	• Reduce overall energy consumption and carbon emissions • Reduction of air pollutant, water pollution, and soil pollution	• Control the emissions of power generation, steel, chemical, construction material, and metal processing industries • Promote combined heat and power • Promote solid waste and wastewater recycling. By 2025, increase industrial solid waste utilization to 50% • Construct pilot zero-carbon and low-carbon industrial parks • Retire high energy consumption facilities, conduct energy efficiency retrofits, and implement energy conservation control • Adjust electricity pricing for high energy consumption industries • Strictly control mining activities • Promote electrification of industries currently relying on coal and oil
BUILDING		• Pilot demonstration for green households, green schools, green communities, green malls, and green buildings • Study and explore energy efficient data centers • Promote electrification of oil buildings and communities currently relying on coal and oil
NATURAL and WORKING LANDS	• Forest coverage: 23.5% (increase of 0.5% over 5 years) • Prevent desertification	• Strictly control mining activities in grasslands • Prevent desertification and restore natural vegetation. Construct shelterbelts and strengthen the management of grazing activities • Limit the development of solar and wind to deserts and surface mines instead of grasslands • Protect and systematically restore forests, wetlands, and grasslands • Initiate "Gross Ecosystem Product (GEP)" measurement
SOURCES	• Inner Mongolia's "14th Five-Year Plan" and Outline of Vision 2035 • Inner Mongolia Autonomous Region "14th Five-Year" Renewable Energy Development Plan • Inner Mongolia's "14th Five-Year" Energy Development Plan *Policies accessible as of Spring 2022	