



*ANSWERING THE OREGON CHALLENGE*

## **CLIMATE CHANGE**

**Problem:** The effects of global warming have serious implications for Oregon's economy and environment. Because of increased carbon emissions, temperatures are rising, snow packs are shrinking, storms and forest fires are becoming more severe, water for agriculture is becoming more scarce, while the risk of coastal flooding increases. Annual emissions of carbon dioxide have increased by almost 80% between 1970 and 2004, and experts predict a faster rate of global warming in the next 100 years than experienced in the last 10,000 years. At the same time, Oregon's population will continue to grow, increasing demands for efficient transportation, reliable energy and clean water.

**Solution:** Governor Kulongoski will propose a comprehensive legislative package that aggressively mitigates the impacts of global warming and puts Oregon on track to achieve our goal of reducing greenhouse gas levels to 10% less than 1990 levels by the year 2020. This package will make key investments in a cap and trade system, energy efficiency, renewable energy, sustainable transportation, a clean technologies workforce and a comprehensive water strategy.

- *Cap & Trade:* The Governor is committed to designing a regional cap and trade market system to reduce greenhouse gas emissions from our largest emitters.
- *Energy Efficiency:* The Governor will build on Oregon's strong energy efficiency and conservation programs to ensure Oregon is on track to reduce energy consumption by 20 percent statewide by the year 2020 and include a program for net zero emission buildings in the commercial and residential sectors.
- *Renewable Energy:* The Governor will also continue to build upon Oregon's growing reputation as a national leader on renewable energy production and manufacturing of renewable energy products.
- *Sustainable transportation:* In collaboration with the transportation initiative, the Governor will focus on encouraging low carbon fuels, working to reduce vehicle miles traveled and coordinating with utilities, automakers and developers to commercialize new technologies like plug-in electric vehicles.
- *Cleantech workforce:* As we attract and grow sustainable industries, the Governor will invest in an initiative to help train and educate workers for the development and production of clean technologies like renewable energy and green building.
- *Water:* The Governor's comprehensive water initiative will secure stable and abundant clean water supplies and enhance Oregon's conservation of this critical resource, preserving the health of our economy, environment, communities and citizens.