

Jeollanam-do leads 2050 carbon neutrality of Korea

Jeollanam-do became the first province to declare its vision of “2050 Carbon-neutral Jeollanam-do,” and plans to focus on achieving net-zero greenhouse gas emissions from the current level of 92 million tons annually by 2050. With the vision of “Carbon-free, Clean Jeonnam for a Healthy Future,” the province aims to implement 102 tasks in four categories- clean energy, clean industry, clean life, and clean forests to achieve the 2050 goal of a carbon-neutral Jeollanam-do.



01

Focus on 102 core projects in four strategies for a 2050 carbon-neutral Jeollanam-do

First, to realize clean energy, Jeollanam-do will build an off-shore wind farm with the world's largest capacity of 8.2GW off the coast of Sinan by 2030, thereby increasing renewable energy deployment, and construct a green hydrogen cluster by creating a green hydrogen energy island.

Second, it will restructure the Yeosu Industrial Complex into a low-carbon smart industrial complex to promote clean industry, build a RE100 pilot complex, and phase out coal-fired thermal plants.

Third, the province intends to expand the deployment of electric and hydrogen vehicles, foster smart agricultural, livestock, and fishery industries, and promote net-zero carbon buildings.

Lastly, to grow clean forests, it will plant over 10 million trees each year and cultivate 2,500 urban forests tailored to the characteristics of each area where people and nature co-exist.



Vision for a 2050 Carbon-Neutral Jeollanam-do

02

Establishing a carbon neutral network and sharing information with nations and cities of the world

Carbon neutrality cannot be achieved with the efforts of a country or a city alone. Jeollanam-do is strengthening cooperation with foreign nations and city governments. The province joined ICLEI, the world's largest local governments' council in June 2020 and also joined the PPCA led by the U.K. and Canada, aiming at reducing coal-fired power plants and expanding renewable energy in June 2021. It also joined the GCoM, the largest global alliance for city climate leadership across the globe in July 2021, participated in Race To Zero Campaign of the UN Framework on Climate Change in August 2021, and joined Urban Environmental Accords (UEA) in October 2021 in order to share carbon neutrality goals and exemplary policies with other states, cities, and organizations.

03

Conducting a greenhouse gas reduction campaign to strengthen the awareness of residents about carbon neutrality

Carbon neutrality cannot be attained without the participation of residents. Along with environmental advocacy organizations, such as the Jeollanam-do Climate Environment Network and Korea Carbon Hunters Association, the province is waging a Carbon Hunter movement. It is also conducting the Zero Waste Movement to reduce waste through plogging and beachcombing, and began a Carbon Neutral Life Challenge Campaign to reduce greenhouse gas emissions at home and in the workplaces (Do four things daily for carbon neutrality). Going forward, the province will push for a greenhouse gas reduction of 2 million tons, where each resident reduces one ton of greenhouse gas.



Carbon Hunter campaign to reduce greenhouse gas
(Zero Waste)



Carbon Hunter campaign



Education on greenhouse gas reduction