

# Environmental Management

At KKPC, we believe that putting the environment first in every aspect of our business is essential to sustainable growth. Today, our focus ranges from leadership in the environmental, health, and safety fields to eco-friendly product development, energy conservation, and greenhouse gas reduction as we do our part for a sustainable future.

## EHS Initiatives

We have put in place a comprehensive environmental, health, and safety system that is designed to ensure a safer and healthier environment for our customers, employees, and communities. We meet and exceed both domestic and international environmental standards as we continue to enhance our competitiveness in the global marketplace. We are now establishing greenhouse gas inventory systems at each of our plants to systematically manage emissions. We are also building a chemical material management system to manage hazardous materials at each step of the product development process.

We make the basic materials used by countless downstream industries to create many of the products consumers depend on in their daily lives. We are using life cycle assessment to determine the true environmental impact of our products as we steadily upgrade the eco-friendliness of our portfolio. In addition to actively complying with international environmental directives and regulations such as REACH and RoHS, we actively participate in Responsible Care, the global chemical industry's sustainability initiative.

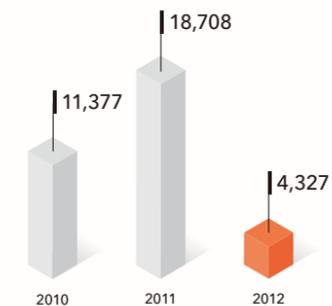
## Eco-Friendly Product Development

From the products we use in daily life to the materials used to build the infrastructure of modern society, chemicals have a vast array of applications. This is why they have such a major impact on health, safety, and the environment. Our environmental management system covers every aspect of our production plants, enabling us to consistently deliver the eco-friendly products that will have a positive ripple effect across all sectors of industry.

LEADCAP warm-mix asphalt additive and Kumanox-3110 mono-styrenated phenol (MSP) epoxy paint additive are two eco-friendly products we have developed that are now on the market. LEADCAP cuts carbon dioxide and harmful emissions up to 40% over standard hot-mix asphalt, reduces the moisture susceptibility of the asphalt mix, and improves crack and rutting resistance for more durable pavement. Kumanox-3110 is designed to replace nonylphenol, a substance whose use has been restricted due to its connection with hormone disruption and cancer, bringing the benefits of non-toxicity as well as enhanced production efficiency and product quality.

## Environmental Investment

In KRW Millions



## Environmental Investment by Area

