

Kathmandu battery recycling

The Effects of Improper Battery Disposal on the Environment

Improper battery disposal can pose a serious threat to the climate by hampering water, soil, and air. How? Lead, mercury along with other hazardous battery components, can leak into the soil and contaminate groundwater, endangering both human health and ecosystems. Furthermore, batteries that are improperly disposed of discharge dangerous toxins into the atmosphere, worsening air pollution and eventually leading to climate change.

Benefits of Battery Recycling in Nepal

Battery recycling in Nepal contributes to the preservation of precious resources, such as nickel, cobalt, and lithium metals, which are limited and frequently obtained by unsustainable mining methods.

Protection of the Environment

Recycling batteries lessens the environmental effect of their disposal. It lessens soil contamination and water pollution by preventing hazardous compounds from leaking into soil and water sources.

Recycling batteries uses less energy than mining and processing raw materials. Nepal can preserve energy and lower greenhouse gas emissions from resource extraction and manufacture via recycling.

Climate Change Mitigation

Battery recycling in Nepal eliminates the requirement for raw material extraction, which frequently entails energy-intensive procedures and increases greenhouse gas emissions, lessening the effects of climate change.

By constructing recycling facilities, providing jobs in the gathering, sorting, and processing of batteries, and encouraging the development of a circular economy, battery recycling in Nepal can generate a variety of economic possibilities.

While it is admirable that the government is encouraging EV adoption in Nepal, it is vital to solve the issue of efficient battery recycling in Nepal to make sure that the convenience of EVs does not come at the price of environmental effects brought on by electronic waste. So, how can battery recycling in Nepal have a beautiful future ahead? Let us have a peek!

Policy and Regulatory Framework



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