

Environmental Policy – a Roadmap to Build the World's Greenest Battery

Northvolt's mission is to produce the world's greenest battery with strong customer focus. We want to enable electrification and demonstrate that battery production can be done responsibly and without compromises.

Green batteries

Using cutting edge data-driven technologies, a Northvolt battery is:

Sustainable. Our blueprint for battery manufacturing is built around a commitment to sustainability, beginning with conscientious sourcing of raw materials and a minimal environmental footprint throughout the value chain.

Traceable. We strive to have a full understanding of our batteries' impact on eco-systems by collecting large amounts of data over the entire life cycle. We will track our products from the first step of the life cycle all the way to recycling.

Recyclable. A battery produced by Northvolt is a battery that will be made valuable again at the end of its life. Circulating valuable metals contained in batteries back into manufacturing flows offsets the need for mining raw materials, lowers the environmental impact of batteries and will reduce battery costs.

Green factories

Using innovative, highly automated, and circular production methods, a Northvolt factory is:

Clean. Northvolt will deliver technologies and solutions to protect use of energy, resources, chemicals, waste, water and air. We will leverage our leadership position to advocate and drive the environmental and social standards for battery production, usage and end-of-life management, beyond laws and regulations.

Circular. Northvolt is engineering a model for handling end-of-life batteries and circular processes that is grounded in state-of-the-art technologies and driven by environmental and industrial logic. We aim for our model for circularity to become the gold-standard business model for all battery factories.

Innovative. We will put our best efforts into understanding what will be tomorrow's environmental concerns and we will develop new solutions to mitigate them. Northvolt is committed to taking the role as the battery manufacturer that will challenge industry standards and form partnerships with stakeholders in all sectors to ensure that the future of energy will be fossil free, ecologically friendly and fully circular.