

Contributing to the Reduction of CO₂ Emissions

The novotegra GmbH is a European manufacturer of mounting systems for rooftop and wall-mounted photovoltaic systems. novotegra GmbH's products are developed exclusively in Germany and manufactured primarily (95 %) within the EU.

Sustainability and environmental responsibility are integral to novotegra's business and operations and are reflected in its products, supply chain and logistics. By using recycled materials and integrating high quality and environmental criteria into product development, sourcing and distribution, novotegra aims to reduce its environmental impact and conserve resources across its value chain.

Regional Supply Chains and Resource-Conserving Materials

- **95 %** of our products are manufactured in the EU
- **98 %** European aluminium manufacturers
- **100 %** recyclable products
- **60 - 80 %** recycled content in aluminium products
- **100 %** recycled material in the plastic components of the novotegra green roof system
- **100 %** electric warehouse vehicles charged with electricity from our own 1,300 kWp PV system
- **100 %** recyclable packaging (wood, cardboard, and plastic film)
- **100 %** of cardboard packaging made from recycled material

Resource-efficient material cycles, along with continuously optimized production and logistics processes, help reduce greenhouse gas emissions throughout the entire value chain. The use of recycled aluminium helps conserve resources, as its production requires significantly less energy than that of primary aluminium. At the same time, it reduces the demand for new raw materials.

Short transport distances within Europe, along with continuous optimization of logistics routes and vehicle utilization, further contribute to reducing transport-related greenhouse gas emissions.

The systems consist of a small number of components with multiple functions (multifit) and a limited number of different materials. This reduces material usage, simplifies logistics, and lowers transportation and assembly costs.

In addition, novotegra systems are designed for easy assembly and disassembly. This makes it easier to separate components and materials at the end of the product life cycle and send them for recycling. The high material homogeneity further facilitates single-material recycling and supports the principles of the circular economy.