

GE Hydro Solutions Product Sustainability



Our product sustainability vision

Complying with the most stringent legal and environmental requirements, GE Hydro Solutions' product sustainability is based on our **extensive experience** and **rigorous standardized processes**, strengthened by advanced **digital tools**. The continuous sustainability improvement of our products is driven by a will to increase **product efficiency and life expectancy**, and to reduce its impact on wildlife and the environment.

The four sustainability pillars of our products

Decarbonization

- Decarbonize our products through energy efficiency actions and green energy contracts for all our sites
- Capacity to measure the carbon footprint of our products

Circular Economy

- Minimize resources used during the design process
 - Additive manufacturing
 - Digital simulation
- Extend the life of our products
 - Design improvements
 - Coating technologies
- Extend the life of hydropower plants
 - Diagnostic and repair tools
- High level of recyclability

Biodiversity and eco-systems

- Fish-friendly technologies to protect biodiversity
- Oil-free technologies and biodegradable oils to protect aquatic ecosystems
- Dissolved oxygen runner-technology to protect downstream habitats

Value creation

- Improve the flexibility of our products, easing the integration of intermittent renewable
- Develop control and coating technologies to improve performance and lifetime