

Sustainability highlights in 2021



> We improved energy efficiency in our production plants through investments in machinery and equipment:

- The renewal of the air compressor in Leppävesi has reduced energy consumption by 36%
- The renewal of the water hydraulic system in Jyväskylä has improved energy efficiency.

We renewed the lighting in many of our units through LED technology, which further improves safety at work and energy efficiency.

> We increased the use of air source heat pumps in heating the office facilities at our production plant in Härmä, and we recovered waste heat from production equipment for heating.

> We participated in the preparation of European BAT specification updates for foundries in a national industry group.

> We participated in the Oskava project for the casting product industry by preparing a carbon footprint calculator and indicators for iron foundry operations as a collaborative effort.

> We reduced noise by equipping the fans with casings at our filtration plant in Pori.

> With our partners, we developed the further processing of waste sand, which is a production side stream, and explored new uses for recycled sand.

> We had the OHSAS occupational safety systems in our foundries certified by a third party to ensure compliance with ISO 45001 occupational health and safety systems.

> The operations in our foundries are strongly based on a circular economy. The share of recycled steel in iron foundries was 66%.

> We introduced a group-level occupational safety application, implemented a safety observation campaign and promoted the harmonisation of occupational safety processes by creating a machine-specific risk identification model.

