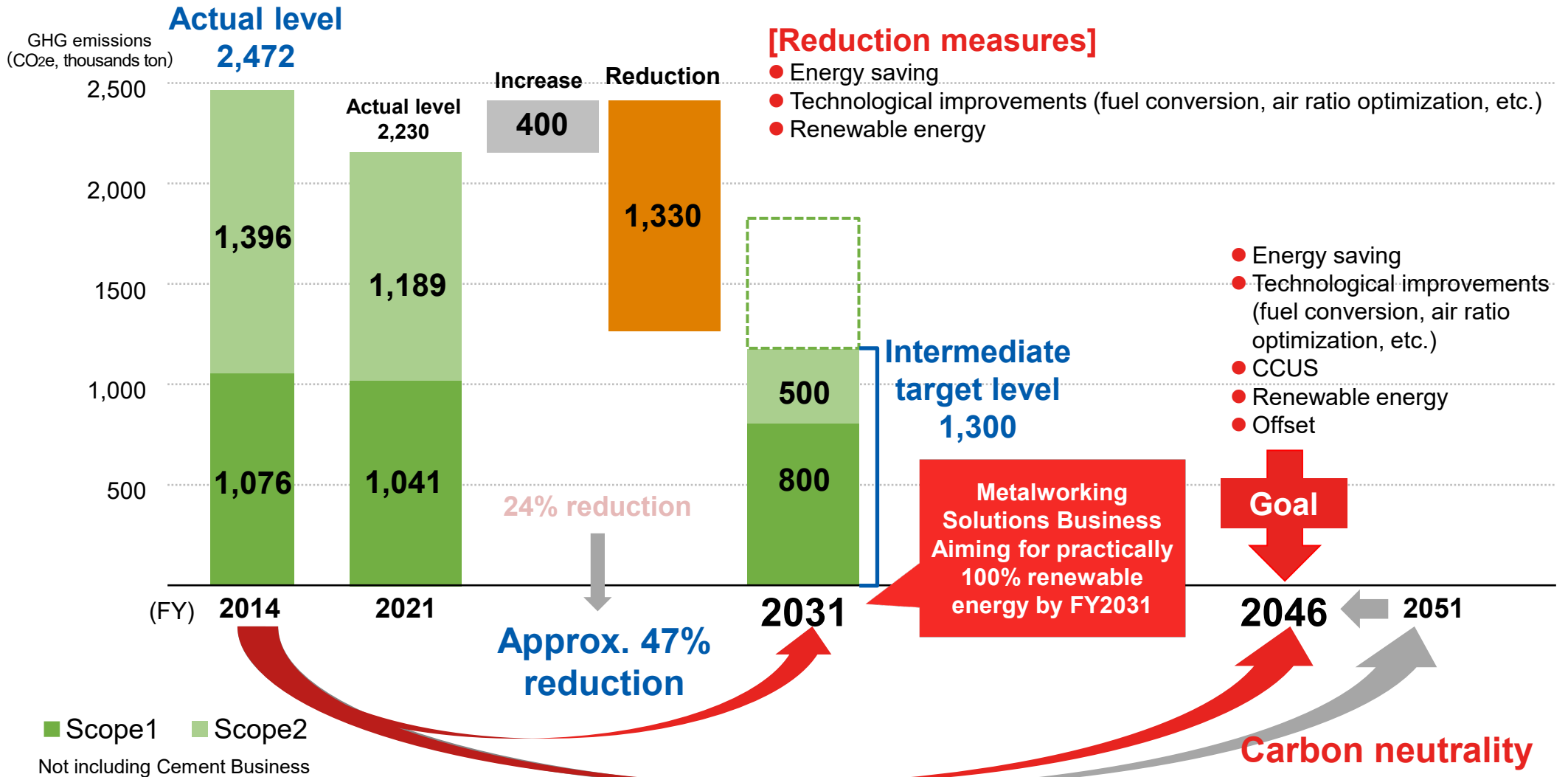


New Greenhouse Gas Emissions Reduction Targets and Initiatives

Setting of new greenhouse gas emission reduction targets



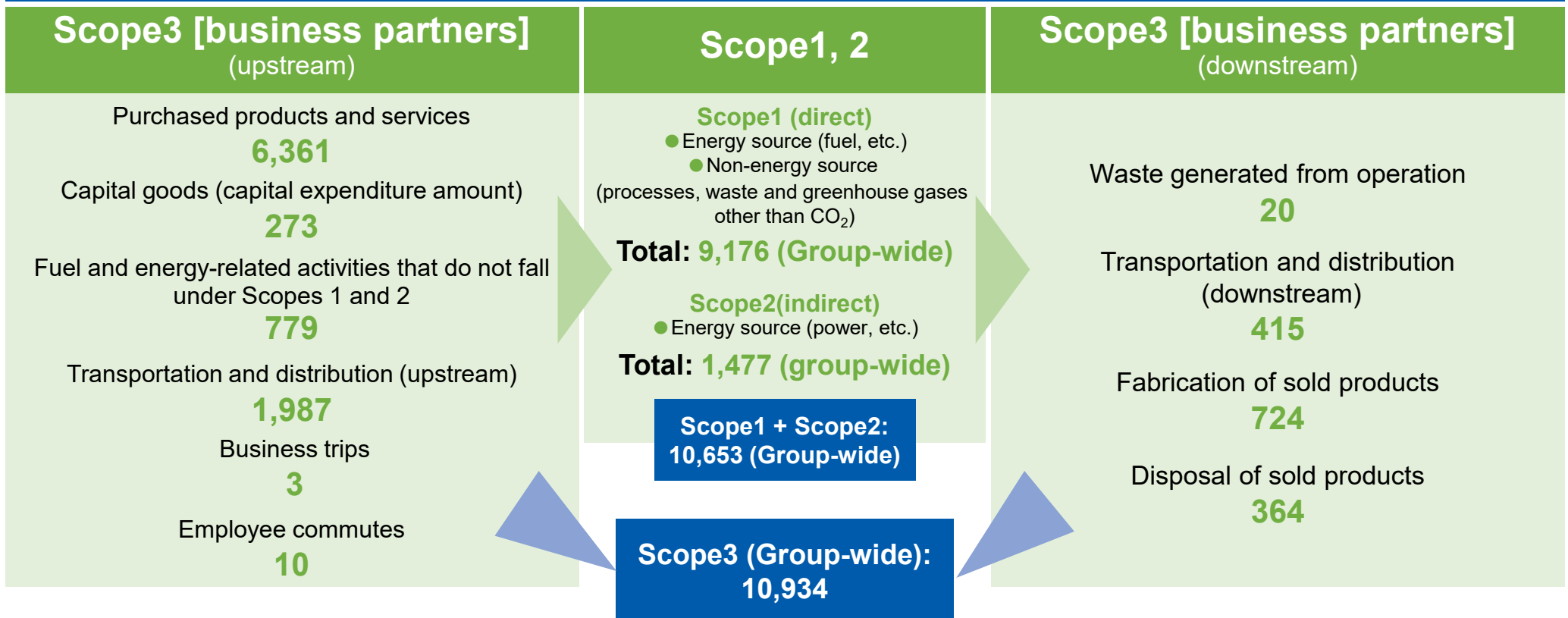
Understanding Scope3 results

- Improvement of calculation accuracy by sharing information with suppliers to collect individual basic unit data, etc.
- Promotion of cooperation across the value chain and understanding long-term reduction prospects based on business partners' GHG reduction Plans

Breakdown of total greenhouse gas emissions in FY2021

(1,000t-CO₂e)

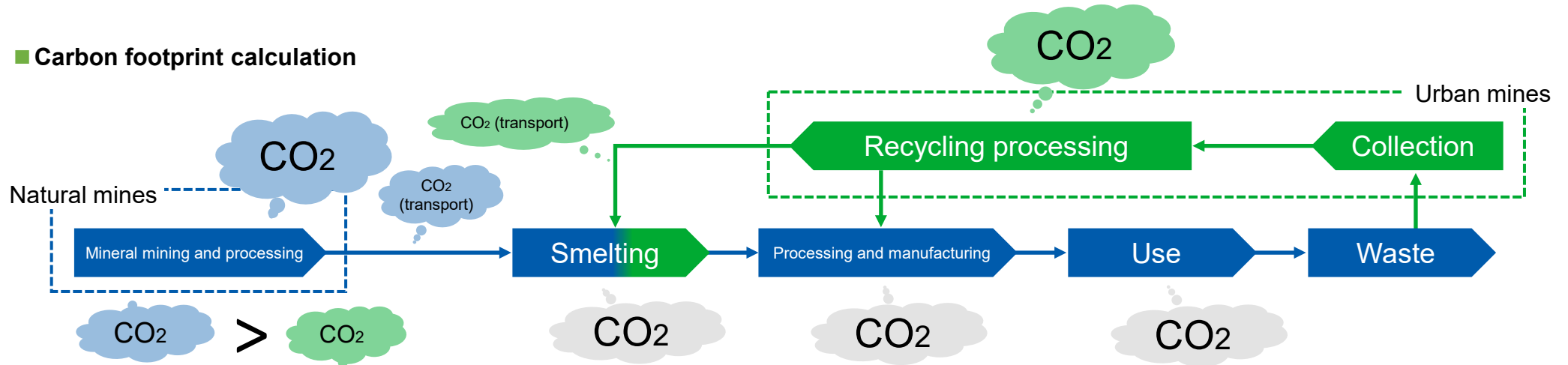
Total GHG emissions (Group-wide) 21,587



Evaluation of carbon footprint (CFP) and utilization

- Focusing on circular economy using recycled materials with low CO₂ emissions
- Starting trial CFP evaluations from the standpoint of ensuring future transparency through utilization of digital technology
 - It is possible to **understand GHG emissions within** the product life cycle and **manufacturing process**
 - It is also possible to **compare GHG emissions in manufacturing** from natural resources compared to that of recycled materials
 - **Achieving product differentiation** in response to customer needs amid increasing demand for Scope3 calculation

Carbon footprint calculation



Initiative case study: Evaluation of GHG emissions reduction through review of copper product processing at Wakamatsu Plant

Trial comparative calculation of a conventional precipitation-type process, which requires high-temperature, long-term heat treatment GHG emissions for the MSP1 copper alloy manufacturing process used in small in-vehicle terminals

Future plans

- CFP in consideration of tungsten recycling
- CFP in consideration of copper scrap raw materials

The carbon footprint is extracted from evaluation items related to GHG emissions in LCA*

*LCA (Life Cycle Assessment): A method of quantitatively evaluating input resources, environmental load and related environmental impact within a product's life cycle