



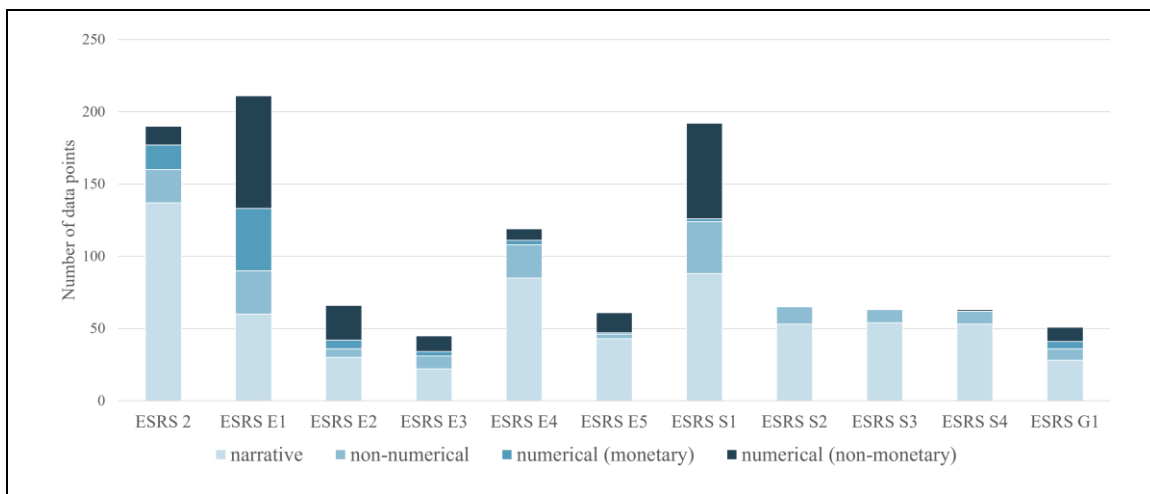
SUPPLEMENTARY INFORMATION FOR:

Sauer, S., Di Cecca, A.-C., Kastenhofer V., Nipper, M., Hanenkamp, N.: Using Organizational Life Cycle Assessment to Meet ESRS Data Requirements: Evidence from a Case Study. *Journal of Industrial Ecology*.

Summary

Supplementary Information SI1 provides the number and type of data points for each European sustainability reporting standard and an overview of our case company's business activities.

Figure SI1-1: Number and types of reporting data points for each ESRS standard



Notes: This figure depicts the number of datapoints as well as their type for each ESRS standard. ESRS 1 only sets out the general requirements for reporting according to the ESRS, does not include any disclosure requirements and is hence not included in the chart. The data for Figure SI1-1 can be found in Supplementary Information SI3.

Table SI1-1: Omega's business activities as identified through the O-LCA

Indirect Upstream Activities	Direct Activities
Electricity procurement from the local grid	Natural gas for hot water preparation
Procurement of metal semi-finished products	Natural gas for heating systems
Procurement of chemicals for metal processing	Generation of electricity and heat via gas turbine
Water consumption	Generation of electricity via photovoltaic systems
Wastewater	Generation of heat via thermal oil systems
Generated waste	Processes for end-product manufacturing
Capital goods	Wet production processes
Transport of procured goods and services	Dry production processes
Materials for auxiliary and operating supplies	Surface treatment processes (blackening I)
Packaging materials	Surface treatment processes (blackening II)
External services	Surface treatment processes (phosphating)
Business travel	Disposal and treatment of solid and liquid waste in vacuum evaporation systems
Commuting (employee travel)	Other emissions to air, water, and soil
Operation of leased facilities	Transport of materials and waste using own vehicles