Simplified LCA - LORA GATEWAY - LoRa /IP Plug & Play Bridge

The Functional Unit is to Receive LoRaWAN messages from sensors and send this traiffc to the network server based on Actility technology, using the 4G backhaul during 10 Years.

Schneider Electric

1765.3300   kg of CO_2eq
Global warming*

3.13E-02   kg of Sbeq
Depletion of abiotic resources*

23,770.9   MJ
Total use of primary energy*

*Results extracted from a simplified life cycle analysis model, aligned with ISO 14040-44 principles - DO NOT COMPLY with ISO 14 025. The results are not comparable with any other assessment
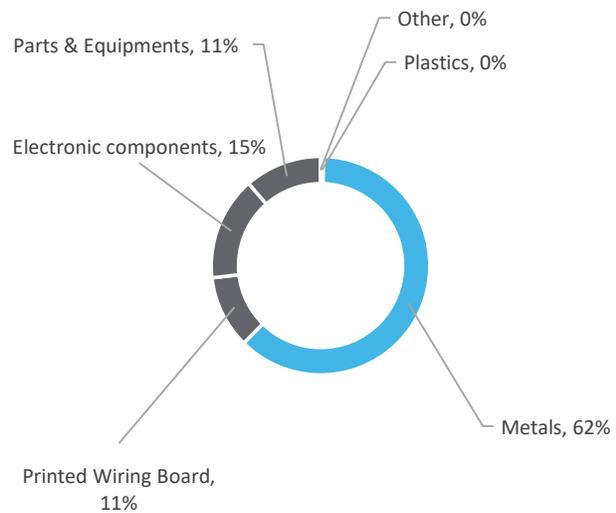
Additional information

The product is to receive LoRaWAN messages from sensors and send this traffic to the network server based on Actility technology, using the 4G backhaul.
Industrial LoRaWAN gateway with cellular backhaul
Linux based gateway with 8 LoRaWAN channels.
Cellular and LoRaWAN antennas + power alimentation included in the package.

CAUTION:

A lithium battery (3V, coin cell, CR1632) located within the product provides backup power for the timekeeping. This battery has an estimated life expectancy of ten years.
Risk of explosion if this battery is replaced by an incorrect type. Dispose of batteries according to instructions.

Other, 0%
Plastics, 0%
Parts & Equipments, 11%
Electronic components, 15%
Metals, 62%
Printed Wiring Board, 11%

Published by Schneider Electric