

Environmental Product Declaration

Type II Self-declared Environmental Claims

Swegon Group AB

RE:used GOLD RX



Produced: 2026-06-10

GENERAL INFORMATION

Summary:

Declared unit:	1 RE:used AHU GOLD RX 012
Mass per declared unit:	509 kg
Functional unit:	Bidirectional ventilation unit with heat recovery designed to replace up to 3420 m ³ /hr of utilized air with filtered and tempered outdoor air in a building, with a temperature efficiency up to 85%. The most important performance parameters are the temperature efficiency and the specific fan power, which are calculated for each specific unit and presented in the technical submittal.
Reference service life:	20 years
GWP-Fossil:	98 kg CO ₂ e/unit (Full table for all sizes in Appendix)
GWP-GHG:	100 kg CO ₂ e/unit (Full table for all sizes in Appendix)

Declaration type:

Environmental labels and declarations - Self-declared environmental claims (Type II environmental product declaration (EPD)). Calculations are in accordance with ISO 14040 and 14044.

Due to insufficient historical data, a Type II Environmental Product Declaration (EPD) has been identified as the most appropriate approach for assessing RE:used products from Swegon. The goal is to transition to a Type III EPD once more reliable data on incoming products becomes available. At that stage, improved data quality and consistency will allow for a more accurate and representative assessment.

Owner of the declaration:

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About the organisation:

People spend most of their time indoors, which is why we need a sound indoor climate for our health, well-being, and happiness. Swegon’s ambition is to achieve the world’s best indoor environment with the least possible impact on the external environment. Our business models, services, products and systems are all designed to provide the right solution for each individual project.

Swegon Group AB is a market leading supplier in the field of indoor environment, offering solutions for ventilation, heating, cooling, and climate optimization, as well as connected services and expert technical support. Swegon has subsidiaries and distributors all over the world and 21 production plants in Europe, North America and India.

Declared unit:

1 RE:used AHU GOLD RX 012

Mass per declared unit:

509 kg

Reference service life:

20 years

PRODUCT INFORMATION

Product name: RE:used GOLD RX version E/F

Places of raw material origin: Europe & Asia

Place of refurbishment: Kvänum, Sweden

Period for data: 2025

Product description: GOLD RX are part of Swegon’s RE:use initiative, where selected products are refurbished and quality assured for continued use with the same functional performance as new units but with significantly lower climate impact. Each air handling unit undergoes a defined upgrade and quality-assurance process that includes inspection, internal and external cleaning, replacement of filter, polymer components and cables when required as well as an update to the latest available software. Finally, performance and quality checks such as leakage, controls and fans testing are carried out.

Surface imperfections such as scratches, dents, or wear may be present due to previous use, but these do not affect performance, efficiency or service life of the product.

All reused products are delivered with updated labelling and CE marking when applicable, confirming compliance with current standards.

For more information visit: <https://www.swegon.com/sustainability/re3/reuse/>

Further information can be found on: www.swegon.com

Raw material composition:

Raw material category	Amount, mass %
Metals	90
Minerals	3
Fossil material	7

Biogenic carbon:

Biogenic carbon content in product, kg C	6,5
Biogenic carbon content in packaging, kg C	30,8

Substances REACH SVHC: The product does not contain any REACH SVHC substances in amounts greater than 0,1 % (1000 ppm).

PRODUCT LIFE CYCLE

System boundaries: This Type II EPD covers the life-cycle modules listed in the following table.

Product stage			Assembly stage		Use stage							End of life stage				Beyond the system boundaries		
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D		
x	x	x	x	x	ND	ND	ND	x	ND	x	ND	x	x	x	x	x		
Raw materials	Transport	Manufacturing	Transport	Assembly	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy use	Operational water use	Deconstruction/ demolition	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling

Not declared = ND

Manufacturing and packaging (A1-A3): The product stage includes impacts from raw material production, packaging, ancillary materials, fuel use in manufacturing, waste handling, material losses during production and electricity transmission. Electricity use is modelled with a market-based mix. The Kvänum facility operates on 100% hydropower, with renewable energy use verified through contractual instruments (e.g. GOs, RECs).

According to EN 15804, reused products carry no environmental burden from their initial life cycle stage according to the polluters pay principle. This assessment therefore covers only the components modified during the reuse process.

GOLD RX units intended for reuse are inspected on the building site, and suitable units are then transported to Swegon’s facility in Kvänum for upgrades and quality-assurance.

This assessment includes packaging of the old air handling unit and an average Swedish transport scenario from site to the Kvänum factory. Possible electricity consumption for dismantling is excluded from the assessment.

At the factory, the units are cleaned, upgraded and thoroughly tested. The filters, sealings and, if required, cables are replaced, and the software is updated to the latest possible version. Finally, units are packaged for storage or delivery.

Transportation and installation (A4-A5): Transportation impacts occurred from final products delivery to construction site (A4) cover fuel direct exhaust emissions, environmental impacts of fuel production, as well as related infrastructure emissions. Transportation to construction site is calculated based on an assumption that all transport happens within Sweden. The product is sold ready to be installed and no raw material waste is generated from installation (A5). The end-of-life treatment of product packaging is declared and average EU scenario per packaging material has been applied with different ratios of recycling, incineration, and disposal in landfill.

Product use and maintenance (B1-B7): This EPD follows additional requirements for products which are permanently installed into the building and using energy in module B6 of the use stage.

Electricity consumption during the use phase is calculated based on defined scenarios by the product manufacturer according to the most common scenarios, assuming a reference service life time (RSL) of 20 years. The electricity mix used is a weighted average of sales of GOLD RX.

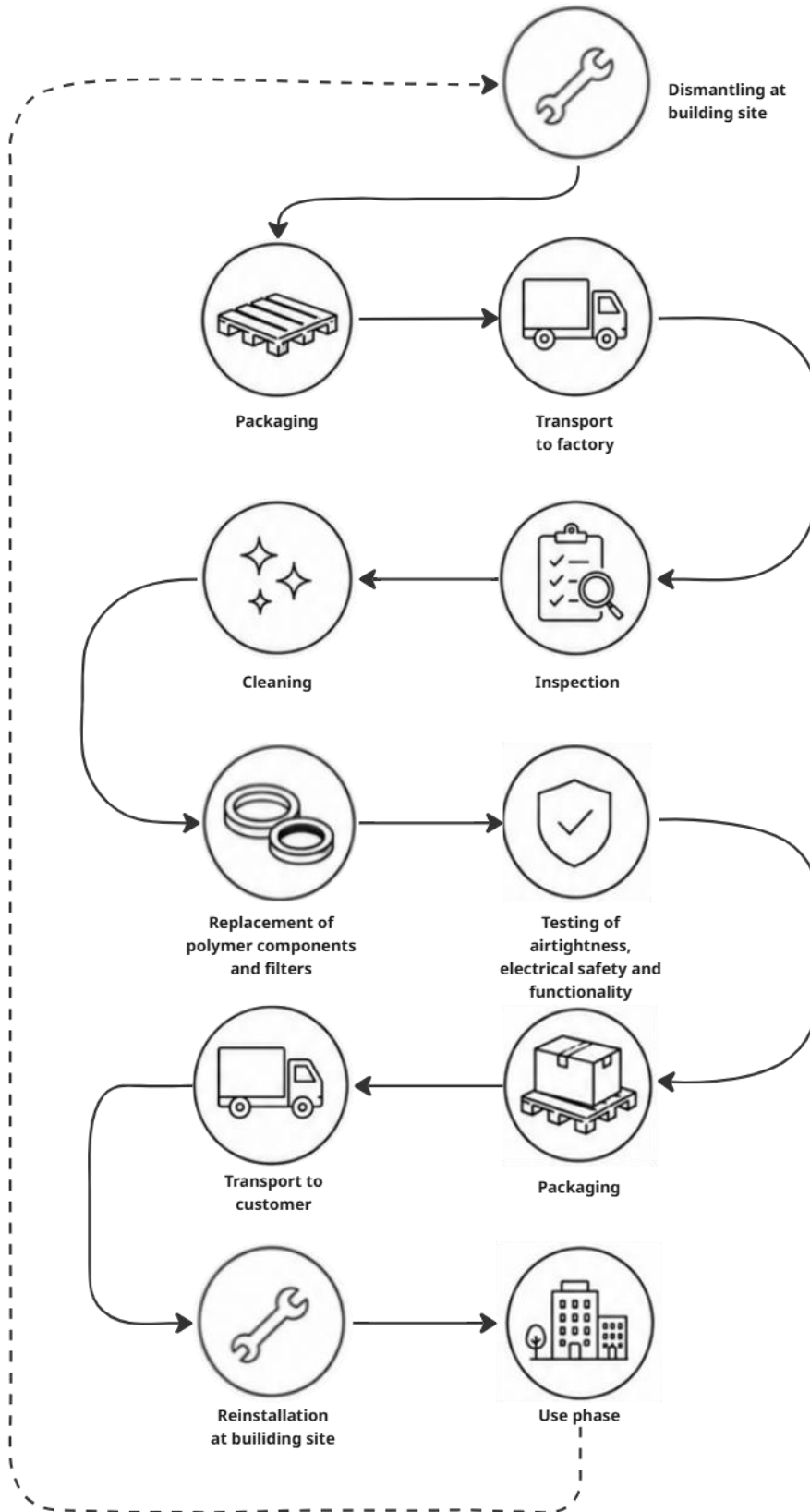
Please note that the environmental impact during the use phase varies depending on several parameters, such as geographic location and usage patterns. The use stage results are only applicable to the described scenario and should not be compared with results from other products' EPDs, in a context where other scenarios would be relevant. Therefore, the environmental impact from the use phase should be examined separately for individual projects.

Furthermore, some filter components need to be replaced annually which is considered in module B4.

Air, soil and water impact during the use phase have not been studied.

Product end of life (C1-C4, D): At the end of product life, the air handling unit is assumed to be demolished. The impact of deconstruction (C1) is modelled based on literature data for energy use in demolition. Waste processing (C3) and disposal (C4) is modelled with consideration to the European market. The applied scenarios, which are based on literature data, include different ratios of material recycling, incineration and landfill for the main materials steel, aluminium, plastic, copper, electronics and mineral wool.

FLOW CHART



LIFE CYCLE ASSESSMENT

Cut-off Criteria:

The study aims to comprehensively include all processes defined as mandatory under EN 15804+A2, without excluding any hazardous materials or substances. All significant raw material and energy inputs are accounted for. Furthermore, all available inputs and outputs of unit processes within modules A1-A3 are incorporated into the calculations.

The production of capital equipment, construction activities, and infrastructure, maintenance and operation of capital equipment, personnel-related activities, energy and water use related to company management and sales activities are also excluded.

Allocation:

Allocation is required if some material, energy and waste data cannot be measured separately for the product under investigation. All allocations are done as per the reference standard EN15804+A2. In this study, allocation has been done in the following ways:

Data type:	Allocation:
Raw materials	No allocation
Packaging materials	No allocation
Ancillary materials	Not applicable
Manufacturing energy and waste	Allocated by mass or volume

Averages and variability:

Type of average	No grouping
Averaging method	-
Variation in GWP-fossil for A1-A3	-

LCA software:

The results from this Type II EPD study has been generated using One Click LCA EPD Generator. The LCA and EPD have been prepared mostly following EN15804+A2 and ISO 14040/14044. The EPD Generator uses Ecoinvent v3.10.1/3.11/3.12, Plastics Europe, Federal LCA Commons, WorldSteel and One Click LCA databases as sources of environmental data.

ENVIRONMENTAL IMPACT DATA

The estimated impact results are only relative statements which do not indicate the end points of the impact categories, exceeding threshold values, safety margins or risks.

CORE ENVIRONMENTAL IMPACT INDICATORS – EN 15804+A2, EF 3.1

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1-B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP – total ¹⁾	kg CO ₂ e	3,30E+01	2,61E+01	-6,78E+01	-8,65E+00	2,73E+01	1,17E+02	ND	5,88E+02	ND	1,57E+04	ND	0,00E+00	1,97E+01	5,41E+01	4,48E+00	-3,31E+01
GWP – fossil	kg CO ₂ e	3,47E+01	2,47E+01	3,90E+01	9,84E+01	2,58E+01	4,12E+00	ND	6,13E+02	ND	1,50E+04	ND	0,00E+00	1,97E+01	5,23E+01	4,48E+00	-1,35E+01
GWP – biogenic	kg CO ₂ e	-1,74E+00	4,45E-01	-1,07E+02	-1,08E+02	4,71E-01	1,13E+02	ND	-2,53E+01	ND	4,50E+02	ND	0,00E+00	1,26E-02	1,76E+00	1,57E-03	-1,97E+01
GWP – LULUC	kg CO ₂ e	4,14E-02	9,46E-01	3,83E-01	1,37E+00	1,00E+00	2,05E-03	ND	2,98E-01	ND	2,95E+02	ND	0,00E+00	6,52E-03	4,35E-03	4,95E-04	-1,43E-02
Ozone depletion pot.	kg CFC-11e	2,12E-06	9,67E-07	9,53E-07	4,04E-06	1,02E-06	2,13E-08	ND	4,91E-06	ND	3,24E-04	ND	0,00E+00	4,28E-07	3,30E-07	2,07E-08	-2,34E-07
Acidification potential	mol H ⁺ e	1,58E-01	7,83E-02	1,75E-01	4,11E-01	8,16E-02	7,72E-03	ND	9,45E-01	ND	9,78E+01	ND	0,00E+00	6,31E-02	2,02E-01	5,57E-03	-7,20E-02
EP-freshwater ²⁾	kg Pe	1,74E-02	2,01E-03	1,10E-02	3,04E-02	2,09E-03	3,79E-04	ND	6,15E-03	ND	1,11E+01	ND	0,00E+00	1,34E-03	1,40E-03	1,36E-03	-8,32E-03
EP-marine	kg Ne	3,17E-02	3,53E-02	5,01E-02	1,17E-01	3,69E-02	7,85E-03	ND	2,38E-01	ND	1,57E+01	ND	0,00E+00	2,12E-02	9,34E-02	1,39E-01	-1,14E-02
EP-terrestrial	mol Ne	4,07E-01	2,99E-01	5,21E-01	1,23E+00	3,12E-01	3,16E-02	ND	3,89E+00	ND	1,54E+02	ND	0,00E+00	2,31E-01	1,01E+00	2,33E-02	-1,15E-01
POCP (“smog”) ³⁾	kg NMVOCe	1,31E-01	1,18E-01	2,50E-01	4,99E-01	1,23E-01	1,03E-02	ND	8,78E-01	ND	4,61E+01	ND	0,00E+00	9,57E-02	3,00E-01	9,11E-03	-4,47E-02
ADP-minerals & metals ⁴⁾	kg Sbe	6,85E-04	9,64E-05	2,73E-04	1,05E-03	1,01E-04	4,09E-06	ND	1,14E-04	ND	4,58E-01	ND	0,00E+00	6,77E-05	3,50E-05	1,33E-06	-2,08E-04
ADP-fossil resources	MJ	6,36E+02	3,54E+02	7,94E+02	1,78E+03	3,69E+02	1,90E+01	ND	5,23E+03	ND	5,90E+05	ND	0,00E+00	2,79E+02	2,93E+02	1,83E+01	-2,35E+02
Water use ⁵⁾	m ³ e depr.	1,12E+01	2,57E+00	3,13E+01	4,50E+01	2,69E+00	7,17E-01	ND	5,28E+01	ND	4,03E+04	ND	0,00E+00	1,46E+00	2,17E+00	8,06E-01	-4,06E+00

1) GWP = Global Warming Potential; 2) EP = Eutrophication potential. Required characterisation method and data are in kg P-eq. Multiply by 3,07 to get PO₄e; 3) POCP = Photochemical ozone formation; 4) ADP = Abiotic depletion potential; 5) EN 15804+A2 disclaimer for Abiotic depletion and Water use and optional indicators except Particulate matter and Ionizing radiation, human health. The results of these environmental impact indicators shall be used with care as the uncertainties on these results are high or as there is limited experience with the indicator.

ADDITIONAL (OPTIONAL) ENVIRONMENTAL IMPACT INDICATORS – EN 15804+A2, EF 3.1

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1-B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Particulate matter	Incidence	3,42E-06	2,35E-06	2,58E-06	8,36E-06	2,46E-06	1,60E-07	ND	4,49E-05	ND	5,67E-04	ND	0,00E+00	1,57E-06	5,87E-06	1,26E-07	-6,34E-07
Ionizing radiation ⁶⁾	kBq U235e	2,32E+00	2,96E-01	5,55E+00	8,17E+00	3,09E-01	4,86E-02	ND	1,70E-01	ND	2,73E+04	ND	0,00E+00	3,33E-01	2,00E-01	1,40E-02	-2,76E+00
Ecotoxicity (freshwater)	CTUe	2,15E+03	1,38E+02	1,10E+03	3,38E+03	1,41E+02	3,75E+01	ND	2,11E+02	ND	6,81E+05	ND	0,00E+00	2,35E+02	9,36E+02	2,18E+04	-4,13E+02
Human toxicity, cancer	CTUh	3,31E-06	5,43E-09	1,26E-07	3,44E-06	5,69E-09	9,23E-10	ND	1,04E-08	ND	7,90E-06	ND	0,00E+00	3,36E-09	9,68E-09	5,28E-10	-2,41E-09
Human tox. non-cancer	CTUh	1,14E-06	2,63E-07	4,41E-07	1,85E-06	2,75E-07	3,88E-08	ND	5,11E-07	ND	4,42E-04	ND	0,00E+00	1,74E-07	2,31E-07	6,26E-08	-1,08E-07
SQP ⁷⁾	-	1,37E+02	3,73E+02	9,79E+03	1,03E+04	3,91E+02	1,82E+01	ND	8,89E+01	ND	1,37E+05	ND	0,00E+00	1,65E+02	6,52E+01	3,93E+01	-5,73E+01

6) EN 15804+A2 disclaimer for Ionizing radiation, human health. This impact category deals mainly with the eventual impact of low-dose ionizing radiation on human health of the nuclear fuel cycle. It does not consider effects due to possible nuclear accidents, occupational exposure nor due to radioactive waste disposal in underground facilities. Potential ionizing radiation from the soil, from radon and from some construction materials is also not measured by this indicator; 7) SQP = Land use related impacts/soil quality.

USE OF NATURAL RESOURCES

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1-B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Renew. PER as energy ⁸⁾	MJ	8,11E+01	7,64E+00	6,19E+02	7,08E+02	8,01E+00	-5,44E+02	ND	9,47E+02	ND	3,04E+05	ND	0,00E+00	4,54E+00	-4,21E+00	2,21E-01	8,70E+01
Renew. PER as material	MJ	2,07E+01	0,00E+00	1,11E+03	1,13E+03	0,00E+00	-1,12E+03	ND	0,00E+00	ND	0,00E+00	ND	0,00E+00	0,00E+00	-1,04E+01	-3,83E+00	1,47E+02
Total use of renew. PER	MJ	1,02E+02	7,64E+00	1,73E+03	1,84E+03	8,01E+00	-1,66E+03	ND	9,47E+02	ND	3,04E+05	ND	0,00E+00	4,54E+00	-1,46E+01	-3,61E+00	2,34E+02
Non-re. PER as energy	MJ	3,68E+02	3,60E+02	4,03E+02	1,13E+03	3,76E+02	-7,61E+01	ND	-2,03E+03	ND	5,90E+05	ND	0,00E+00	2,79E+02	-1,15E+02	-1,23E+03	-2,35E+02
Non-re. PER as material	MJ	2,67E+02	0,00E+00	2,71E+02	5,38E+02	0,00E+00	-2,74E+02	ND	0,00E+00	ND	0,00E+00	ND	0,00E+00	0,00E+00	-2,07E+02	-5,70E+01	3,96E+01
Total use of non-re. PER	MJ	6,35E+02	3,60E+02	6,74E+02	1,67E+03	3,76E+02	-3,50E+02	ND	-2,03E+03	ND	5,90E+05	ND	0,00E+00	2,79E+02	-3,22E+02	-1,28E+03	-1,95E+02
Secondary materials	kg	5,14E+02	1,67E-01	4,37E+00	5,19E+02	1,74E-01	1,53E-02	ND	7,78E+01	ND	1,05E+02	ND	0,00E+00	1,25E-01	1,44E-01	5,28E-03	2,64E+00
Renew. secondary fuels	MJ	2,22E-01	2,21E-03	3,79E+01	3,82E+01	2,31E-03	1,54E-04	ND	9,77E-04	ND	7,03E-01	ND	0,00E+00	1,63E-03	1,67E-03	1,07E-04	-6,21E-04
Non-ren. secondary fuels	MJ	1,28E-22	0,00E+00	0,00E+00	1,28E-22	0,00E+00	0,00E+00	ND	2,44E-21	ND	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Use of net fresh water	m ³	2,95E-01	9,01E-02	6,96E-01	1,08E+00	9,46E-02	-4,84E-02	ND	1,90E+00	ND	9,38E+02	ND	0,00E+00	3,37E-02	4,12E-02	-8,38E-02	-8,91E-02

8) PER =Primary energy resources.

END OF LIFE – WASTE

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1-B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Hazardous waste	kg	2,43E+00	2,57E+00	3,04E+00	8,03E+00	2,70E+00	1,48E-01	ND	2,68E+00	ND	1,04E+03	ND	0,00E+00	3,99E-01	1,52E+00	2,78E-02	-1,63E+00
Non-hazardous waste	kg	1,04E+02	3,63E+01	1,59E+02	2,99E+02	3,82E+01	5,22E+01	ND	1,12E+02	ND	5,57E+04	ND	0,00E+00	8,57E+00	2,04E+01	8,09E+01	-5,95E+01
Radioactive waste	kg	9,01E-03	7,12E-05	1,34E-03	1,04E-02	7,43E-05	1,21E-05	ND	1,60E-01	ND	6,42E+00	ND	0,00E+00	8,20E-05	4,92E-05	3,43E-06	-7,07E-04

END OF LIFE – OUTPUT FLOWS

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1-B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Components for re-use	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	ND	0,00E+00	ND	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Materials for recycling	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	1,28E+01	ND	0,00E+00	ND	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Materials for energy rec	kg	3,90E-02	0,00E+00	0,00E+00	3,90E-02	0,00E+00	0,00E+00	ND	7,41E-01	ND	0,00E+00	ND	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Exported energy	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	7,29E+01	ND	0,00E+00	ND	0,00E+00	ND	0,00E+00	0,00E+00	9,94E+01	0,00E+00	0,00E+00
Exported energy – Electricity	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	3,07E+01	ND	0,00E+00	ND	0,00E+00	ND	0,00E+00	0,00E+00	4,19E+01	0,00E+00	0,00E+00
Exported energy –	MJ	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	4,22E+01	ND	0,00E+00	ND	0,00E+00	ND	0,00E+00	0,00E+00	5,76E+01	0,00E+00	0,00E+00

ADDITIONAL INDICATOR – GWP-GHG

Impact category	Unit	A1	A2	A3	A1-A3	A4	A5	B1-B3	B4	B5	B6	B7	C1	C2	C3	C4	D
GWP-GHG ⁹⁾	kg CO ₂ e	3,47E+01	2,57E+01	3,94E+01	9,98E+01	2,68E+01	4,12E+00	ND	6,13E+02	ND	1,53E+04	ND	0,00E+00	1,97E+01	5,23E+01	4,48E+00	-1,35E+01

9) This indicator includes all greenhouse gases excluding biogenic carbon dioxide uptake and emissions and biogenic carbon stored in the product. In addition, the characterisation factors for the flows – CH₄ fossil, CH₄ biogenic and Dinitrogen monoxide – were updated. This indicator is identical to the GWP-total of EN 15804:2012+A2:2019 except that the characterisation factor for biogenic CO₂ is set to zero.

APPENDIX

This Type II EPD concerns the RE:used GOLD RX line which is available in sizes 004, 005, 007, 008, 011, 012, 014, 020, 025 and 030. The declared impacts relate to size 012, which is the most sold size of GOLD RX. The table below presents the GWP-fossil and GWP-GHG impact for A1-A3 per RE:used AHU size.

Product name	Weight [kg]:	GWP-fossil [kg CO ₂ -eq]:	GWP-GHG [kg CO ₂ -eq]:
RE:used GOLD RX 004	264	68	69
RE:used GOLD RX 005	266	68	69
RE:used GOLD RX 007	328	74	75
RE:used GOLD RX 008	340	74	75
RE:used GOLD RX 011	493	98	100
RE:used GOLD RX 012	509	98	100
RE:used GOLD RX 014	641	127	128
RE:used GOLD RX 020	674	127	128
RE:used GOLD RX 025	821	170	172
RE:used GOLD RX 030	860	170	172

BIBLIOGRAPHY

- Bozdağ, Ö., & Seçer, M. (2007). *Energy consumption of RC buildings during their life cycle*. In L. Bragança, M. D. Pinheiro, S. Jalali, R. Mateus, R. Amoêda, & M. C. Guedes (Eds.), *Portugal SB07: Sustainable construction, materials and practices: Challenge of the industry for the new millennium* (pp. 480–487).
- Cornelis P. Baldé, Ruediger Kuehr, Tales Yamamoto, Rosie McDonald, Elena D'Angelo, Shahana Althaf, Garam Bel, Otmar Deubzer, Elena Fernandez-Cubillo, Vanessa Forti, Vanessa Gray, Sunil Herat, Shunichi Honda, Giulia Iattoni, Deepali S. Khatriwal, Vittoria Luda di Cortemiglia, Yuliya Lobuntsova, Innocent Nnorom, Noémie Pralat, Michelle Wagner (2024). International Telecommunication Union (ITU) and United Nations Institute for Training and Research (UNITAR). *Global E-waste Monitor 2024*. Geneva/Bonn. Retrieved June 4, 2026.
- European Aluminium (2022). *Collection of aluminium building products at their end-of-life*. <https://european-aluminium.eu/blog/collection-of-aluminium-building-products-at-their-end-of-life/>. Retrieved June 4, 2026.
- Eurostat. (n.d.). *Packaging waste by waste management operations (ENV_WASPAC)*. https://ec.europa.eu/eurostat/databrowser/view/env_waspac__custom_8519174/default/table?lang=en Retrieved May 20, 2026.
- Eurostat. (n.d.). *Packaging waste by waste management operations (ENV_WASPAC)*. https://ec.europa.eu/eurostat/databrowser/view/env_waspac__custom_8519242/default/table?lang=en Retrieved May 20, 2026.
- Eurostat. (n.d.). *Packaging waste by waste management operations (ENV_WASPAC)*. https://ec.europa.eu/eurostat/databrowser/view/env_waspac__custom_8519259/default/table?lang=en Retrieved May 20, 2026.
- Hogg, D. (2023). *Debunking efficient recovery: The performance of EU incineration facilities*. Zero Waste Europe. <https://zerowasteurope.eu/wp-content/uploads/2023/01/Debunking-Efficient-Recovery-Full-Report-EN.docx.pdf>
- PlasticsEurope. (2020). *BC Table*. https://plasticseurope.org/wp-content/uploads/2021/10/BC_Table.pdf
- Swedish Standards Institute. (2006). *Environmental management - Life cycle assessment - Principles and framework (ISO 14040:2006)*. Svenska institutet för standarder.
- Swedish Standards Institute. (2006). *Environmental management - Life cycle assessment - requirements and guidelines (ISO 14044:2006)*. Svenska institutet för standarder.
- Swedish Standards Institute. (2019). *Sustainability of construction works - Environmental product declarations - Core rules for the product category of construction products (SS-EN 15804:2012+A2 2019)*. Svenska institutet för standarder.
- World Steel Association. (2021). *Life cycle inventory (LCI) study: 2020 data release*. <https://worldsteel.org/wp-content/uploads/Life-cycle-inventory-LCI-study-2020-data-release.pdf>