Carbon Footprint of Products
CFP Declaration

Registration number： JR-AI-23479C

Japan EPD Program by SuMPO
Sustainable Management Promotion Organization
14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan
https://ecoleaf-label.jp/

Canon Inc.

imageRUNNER ADVANCE DX C478iZ(For EU)

Functional unit

Per unit product

System boundary

■ final products　□intermediate products

Raw Material acquisition, Production, Distribution, Use & maintenance, and End-of-Life stage

Main specifications of the product

Model name

imageRUNNER ADVANCE DX C478iZ(For EU)

Specifications

- Multi Functional Printer (Electrophotography)
- CL
- Print Speed : Up to 47 ipm（A4）
- Max paper size : LGL
- Print/copy/scan/Duplex printing/ADF
- Weight: approx.52kg(CRG not included)

Company Information

Canon Inc.
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Registration#	JR-AI-23479C
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	1/26/2024
Verification date	1/19/2024
Verification method	System certificaion
Verification#	JV-AI-23479
Expiration date	1/18/2029

PCR review was conducted by:

Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki
	Sustainable Management Promotion Organization

Third party verifier*

Hiroyuki Uchida

Independent verification of data & declaration in accordance with ISO/TS14067

□internal　■external

*Auditor's name is stated if system certification has been performed.

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1. Quantification results, and contents of the declaration

CFP quantification unit :

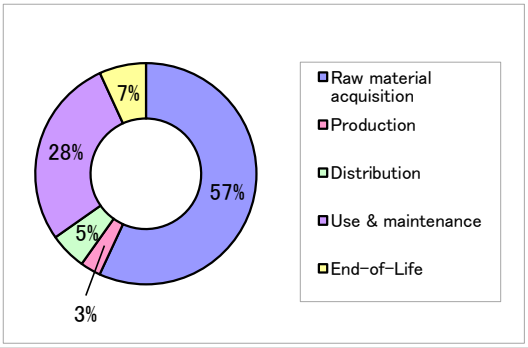
Parameter			Unit
CFP Quantification results		**1100**	**kg-CO_2eq**
Breakdown	Raw material acquisition	650	kg-CO_2eq
	Production	34	kg-CO_2eq
	Distribution	62	kg-CO_2eq
	Use & maintenance	320	kg-CO_2eq
	End-of-Life	77	kg-CO_2eq
Value on CFP mark		**1100**	**kg-CO_2eq**
Unit for the value on CFP mark		**Per unit product**	

*Quantification results may slightly differ from the sum of the breakdown due to rounding of fractions.

3. Supplementary environmental information

・Complies with the EU RoHS Directive (2011/65/EU) and its amendments including 2015/863/EU.
・Manufactured at ISO 14001 certified factories.

2. Additional information



Calculated in the following conditions;
・Printing paper is not considered.
・Expected use period is 5 years.
・The standard scenario for Multifunction Device (EP type).
・UK / France / Germany / Italy / Spain / Portugal / Belgium / Netherland / Austria / Switzerland / Denmark / Sweden / Norway / Finland market.
・Print volume: 326,400 sheets.

4. Interpretation

・CO2 emission in Raw material acquisition is the largest as 57%. It is important to reduce the size and weight, and to use low environmental impact materials.
・CO2 emission in Use & maintenance is the second largest as 28%. It is important to save energy during product usage, to make the life time of consumables(e.g. CRG) longer and to reduce amount of toner used when printing. The condition in this CFP evaluation can be different from the one which the user operates under. A choice of the use condition (print mode, print conditions and so on) can reduce the CO2 emission during Use & maintenance stage.
・We evaluated the CFP with Canon's own data of raw materials weight and the general basic unit for the parts because it is difficult to collect the data for a couple of thousands of parts. Accordingly, the results may be different from the specific product specification.
As such, please be advised that this result would be a rough estimate.

5. Assumptions of secondary data used

IDEA v2.1.3, and registered data v1.13 of Japan EPD Program by SuMPO are used.

6. Remarks

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- For data quantification, please refer to PCR and Rules on quantification and declaration.
- Comparative assertion is permitted only when Rules on quantification and declaration are satisfied.
(Reference URL : https://ecoleaf-label.jp/regulation/)
- The CFP only addresses the single impact category of climate change and does not assess other potential social, economic and environmental impacts arising from the provision of a product.