



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24200E

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 8986 Printer(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 8986 Printer(For EU)

Specifications

- Printer (Electrophotography)
- BW
- Print Speed : Up to 86 ipm (A4)
- Max paper size : 330 x 483mm
- Print/Duplex printing
- Weight: approx.191.5kg(Toner bottle not included)

### Company Information

Canon Inc.

30-2, Shimomaruko 3-chome, Ohta-ku,

Tokyo 146-8501, Japan +81-3-3758-2111

Registration#	JR-AI-24200E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	5/10/2024
Verification date	4/25/2024
Verification method	Product-by-product
Verification#	JV-AI-24200
Expiration date	4/24/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

### Third party verifier\*

Kazuo Naito

Independent verification of data & declaration in  
accordance with ISO14025

internal

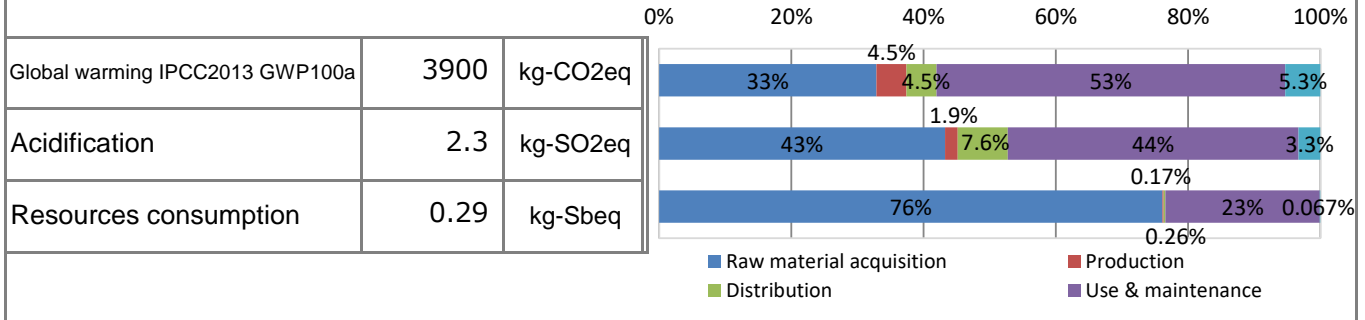
external

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

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**1. Results of life cycle impact assessment (LCIA)**



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO <sub>2</sub> eq	3.9E+03	1.3E+03	1.8E+02	1.8E+02	2.1E+03	2.1E+02
Ozone layer destruction		kg-CFC-11eq	2.5E-04	1.3E-04	5.0E-06	1.2E-09	1.1E-04	3.2E-06
Acidification		kg-SO <sub>2</sub> eq	2.3E+00	1.0E+00	4.4E-02	1.8E-01	1.0E+00	7.6E-02
Resources consumption		kg-Sbeq	2.9E-01	2.2E-01	4.9E-04	7.5E-04	6.7E-02	1.9E-04

**2. Life cycle inventory analysis (LCI)**

Parameter	Unit	Value
Non-renewable energy resources	MJ	6.5E+04
Renewable primary energy	MJ	1.5E+03

**3. Material composition**

Material	Value	Unit
Common Steel	51	%
Stainless Steel	2.8	%
Aluminium	0.80	%
Other Metal	2.1	%
Plastic	18	%
Rubber	0.18	%
Glass	0.13	%
Paper/Wood	16	%
Circuit Board	4.1	%
Others	5.3	%



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## 5. Additional explanation

Calculated in the following conditions;

- Printing paper is not considered.
- Expected use period is 5 years.
- The standard scenario for Printer (EP type).
- UK / France / Germany / Italy / Spain / Portugal / Belgium / Netherland / Austria / Switzerland / Denmark / Sweden / Norway / Finland market.
- Print volume: 4,416,000 sheets.
- The applied Energy Star program version is 3.0 Professional. Print volume is calculated by number of images described in the Appendix C.

## 6-1. 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.

## 7. Assumptions of secondary data used

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

## 8. Remarks

- 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/>)

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