



EcoLeaf

Type III Environmental Declaration (EPD)

Registration number : JR-AI-24239E

Japan EPD Program by SuMPO

Sustainable Management Promotion Organization

14-8, Uchikanda 1-chome, Chiyoda-ku, Tokyo Japan

<https://ecoleaf-label.jp/>

Canon Inc.

i-SENSYS MF842Cdw(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

i-SENSYS MF842Cdw(For EU)

Specifications

- Multi Functional Printer (Electrophotography)
- Color
- Print Speed : Up to 38 ipm (A4)
- Max paper size : A4
- Print/copy/scan/FAX/Duplex printing/ADF
- Weight: approx.37.0kg(All in one Cartridge not included)

### Company Information

Canon Inc.

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

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

Registration#	JR-AI-24239E
PCR number	PA-590000-AI-08
PCR name	Imaging input and/or output equipment
Publication date	6/7/2024
Verification date	6/3/2024
Verification method	Product-by-product
Verification#	JV-AI-24239
Expiration date	6/2/2029
PCR review was conducted by:	
Approval date	9/1/2023
PCR review panel chair	Masayuki Kanzaki Sustainable Management Promotion Organization

### Third party verifier\*

Takahiro Atoh

Independent verification of data & declaration in accordance with ISO14025

internal     external

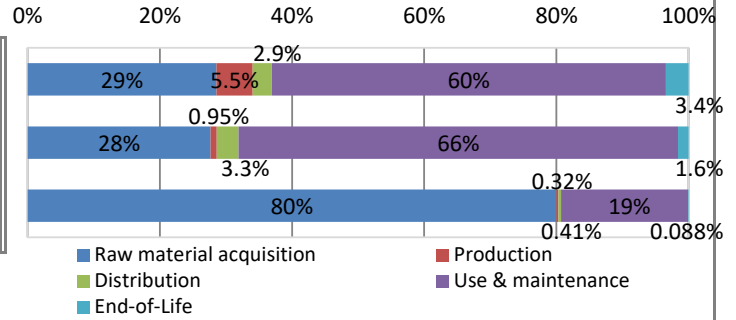
\*Auditor's name is stated if system certification has been performed.

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

Global warming IPCC2013 GWP100a	1500	kg-CO <sub>2</sub> eq
Acidification	1.30	kg-SO <sub>2</sub> eq
Resources consumption	0.046	kg-Sbeq



Parameter	stage	Unit	Total	Raw material acquisition	Production	Distribution	Use & maintenance	End-of-Life
Global warming IPCC2013 GWP100a		kg-CO <sub>2</sub> eq	1.5E+03	4.4E+02	8.4E+01	4.5E+01	9.1E+02	5.2E+01
Ozone layer destruction		kg-CFC-11eq	2.2E-04	4.6E-05	5.1E-08	3.1E-10	1.7E-04	5.9E-07
Acidification		kg-SO <sub>2</sub> eq	1.3E+00	3.7E-01	1.3E-02	4.4E-02	8.9E-01	2.1E-02
Resources consumption		kg-Sbeq	4.6E-02	3.7E-02	1.5E-04	1.9E-04	8.9E-03	4.1E-05

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

Parameter	Unit	Value
Non-renewable energy resources	MJ	2.4E+04
Renewable primary energy	MJ	3.7E+02

**3. Material composition**

Material	Value	Unit
Common Steel	33	%
Stainless Steel	0.53	%
Aluminium	0.55	%
Other Metal	2.3	%
Plastic	28	%
Rubber	0.3	%
Glass	1.8	%
Paper/Wood	25	%
Circuit Board	5.2	%
Others	2.9	%



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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 Multifunction Device (EP type).
- UK / France / Germany / Italy / Spain / Portugal / Belgium / Netherland / Austria / Switzerland / Denmark / Sweden / Norway / Finland market.
- Print volume: 211,200 sheets.
- The applied Energy Star program version is 3.0.
- We evaluated the Ecoleaf 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.

## 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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