

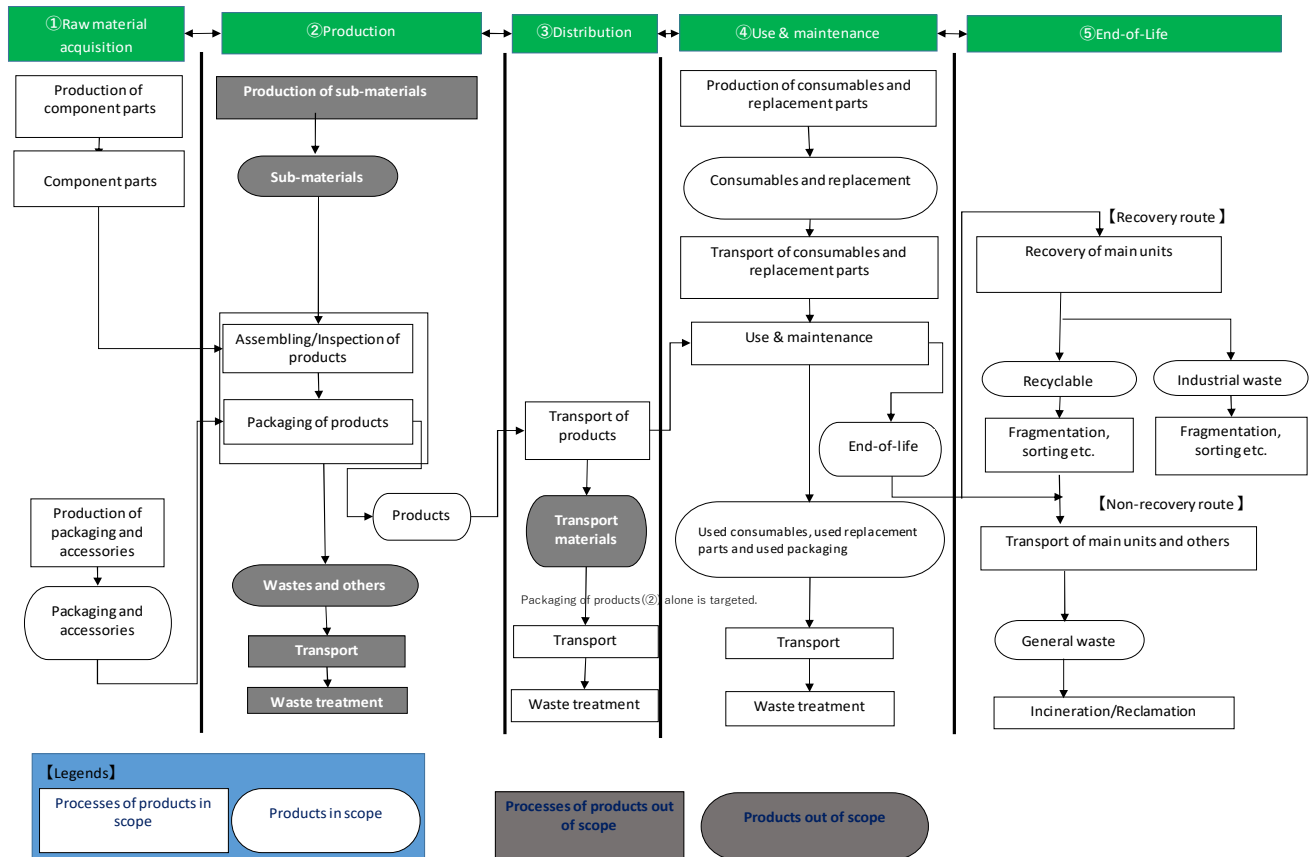


1.Publication date	1/29/2021					
2.Reference number	006					
3.Category	OFFICE, SERVICE INDUSTRY AND HOUSEHOLD MACHINES					
4.Purpose of disclosure	Presenting environmental impacts of a product life cycle using IDEA					
5.Product information	RISO ComColor GL7430 (High-speed color inkjet)					
	  https://www.riso.co.jp/english/					
6.Contact information	https://www.riso.co.jp/english/form/home/inquiryconcerning/					
7.Results of life cycle impact assessment	Total	①Raw material acquisition	②Production	③Distribution	④Use	⑤End-of-Life
Global warming IPCC2013 GWP100a (kg-CO2eq)	5.1E+03	2.7E+03	8.1E+01	1.3E+02	2.1E+03	1.1E+02
Acidification (kg-SO2eq)	7.9E+00	2.4E+00	3.1E-02	2.2E-01	5.0E+00	1.9E-01
Resources consumption (kg-Sbeq)	9.5E-01	9.2E-01	3.4E-04	4.4E-04	2.5E-02	2.4E-04
Interpretation of results	-CO2 emitted the most in the raw material acquisition stage and the 2nd most in the use stage. - For the impact assessment of acidification, the use stage showed the highest figure. - For the impact assessment of resources consumption, the raw material acquisition stage showed the highest figure.					
8.Secondary data used and its version	IDEA v3.0					

9.Stages targeted for the case study

①Raw material acquisition ②Production ③Distribution ④Use ⑤End-of-Life



10.Remarks

① Usage Conditions:

Printing a total of 2,930,000 sheets (A4 size) in monochrome and color modes

(However, environmental impact assessment is not included for manufacturing A4-size papers.)

②Mass of raw materials targeted for the case study: 335 kg

③Targeted areas for stages: Japan for Raw material acquisition; Japan for Production; Japan and North America for Distribution; North America for Use; and North America for End-of-life

④Validity period for the case study 10/05/2021~10/04/2026

⑤Conformity standard :ISO14040,ISO14044

⑥Others

Conformed environmental labels: ENERGY STAR Version 3.0, EcoLeaf environmental label program, and EPEAT

Assessment process: RISO KAGAKU CORPORATION's environmental impact assessment