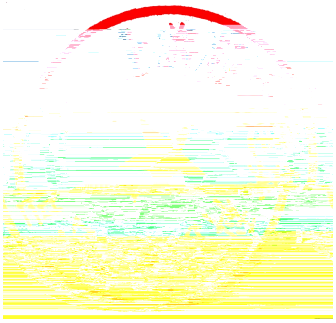
20230010

2023 4 28



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1.1. Ɱ 3
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H1Z2Z2-K,62930 IEC 131,PV1-F

1.5kV

1C 1.5 240mm2,2C 4 6mm2

1.5kV

H1Z2Z2-K

1.5kV

1C 1.5 240mm2

H1Z2Z2-K 1.5kV 1 × 4

1.1.2.

1km

1.1.3.

1 2022

2

1.2.

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- 1% 0.1%

5%

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1.2.3.

1.2.4.

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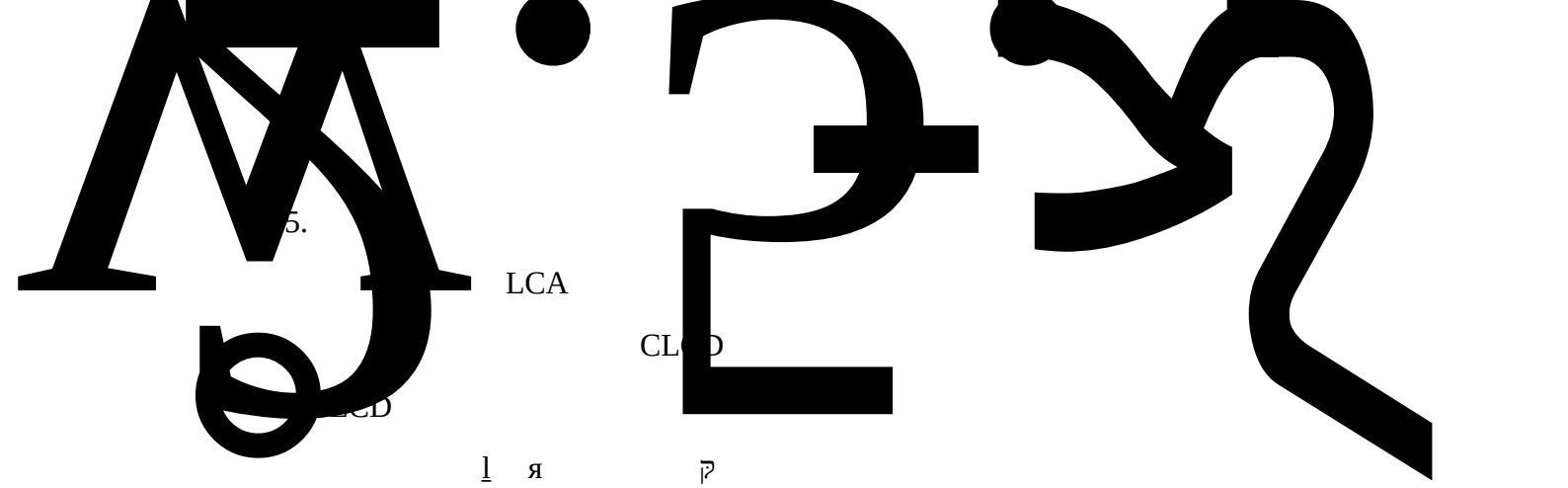
kg CO2 eq.	CO_2,CH_4,N_2O...
MJ	, , ...
kg Sb eq.	, , ...
kg	, , ...
kg SO2 eq.	SO_2, NO_x, NH_3...
kg $PO4^{3-}$ eq.	NH_3 NH_4-N COD...
kg PM2.5 eq.	CO, PM_{10}, $PM_{2.5}$...
kg CFC-11 eq.	CCl_4, $C_2H_3Cl_3$, $CH_3Bm\exists$



5.

LCA

CLCD

LCD

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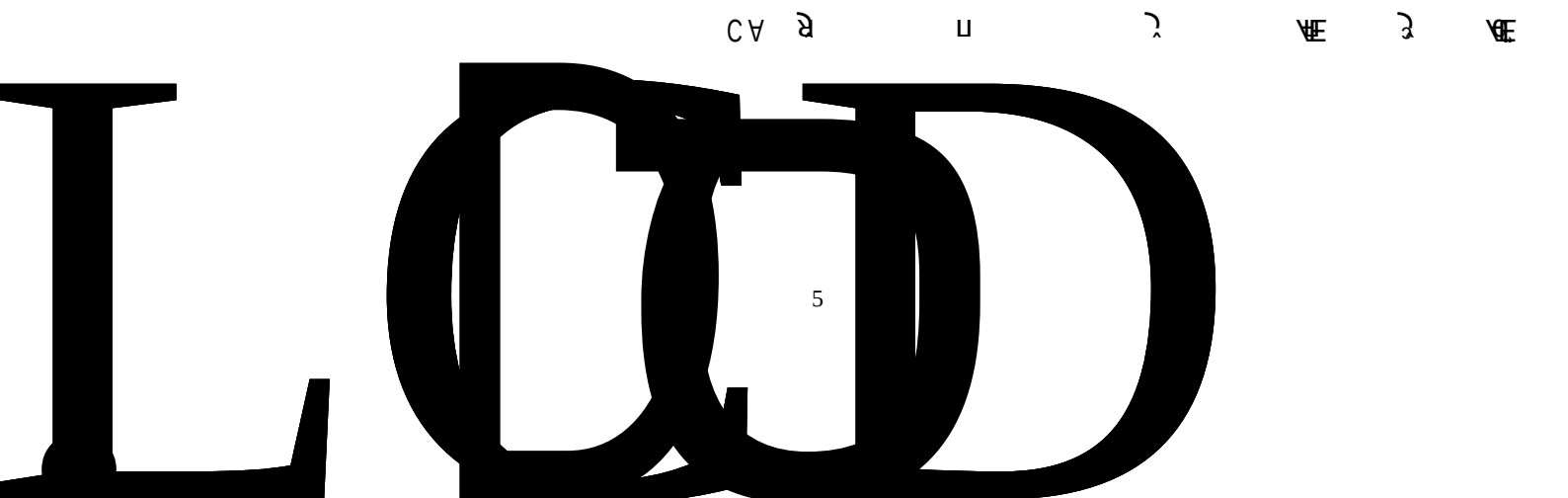

3.

3.1. LCA

LCA eFootprint 1km LCA

(GWP) (PED) (ADP) (WU)

(AP) (EP) (RI) (ODP)

(POFP)

. LCA

		LCA
GWP	kg CO2 eq	1407.53
PED	MJ	2.32E+04
ADP	kg antimony eq.	0.16
WU	kg	5.44E+06
AP	kg SO2 eq	6.73
EP	kg PO43-eq	0.89
RI	kg PM2.5 eq	2.09
ODP	kg CFC-11 eq	1.23E-05
POFP	kg NMVOC eq	0.96

3.2.

. LCA

GWP	**PED**	**ADP**	**WU**	**AP**	**EP**	**RI**	**ODP**	**POFP**
1407.53	2.32E+04	0.16	5.44E+06	6.73	0.89	2.09	1.23E-05	0.96

3.3.

0.5%

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	GWP	PED	ADP	WU	AP	EP	RI	ODP	POFP
	74.16%	72.15%	0.92%	99.7%	81.93%	71.35%	82.67%	23.99%	45.21%
	10.61%	13.91%	98.55%	0.28%	1.89%	19.28%	0.84%	10.77%	1.53%
	3.28%	3.93%	0.14%	0.01%	2.25%	1.58%	3.38%	44.77%	35.68%
	11.06%	8.77%	0.06%	0.01%	13.06%	6.15%	12.53%	3.23%	6.77%

	0.79 %	1.09 %	0.33%	1.36E-04 %	0.61 %	1.29 %	0.42 %	14.68 %	2.91 %
-	0.07 %	0.08 %	4.13E-03 %	3.17E-05 %	0.15 %	0.19 %	0.09 %	1.39 %	4.31 %
8t -									
-	0.04 %	0.05 %	2.48E-03 %	1.9E-05 %	0.09 %	0.12 %	0.06 %	0.84 %	2.58 %
8t -									
-	0.02 %	0.02 %	9.99E-04 %	7.67E-06 %	0.04 %	0.05 %	0.02 %	0.34 %	1.04 %
8t -									
	-0.04 %	-0.02 %	-0.01%						

0%	0%	0%	0%	0%	0%	0%	0%	0%

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4.3.

CLCD eF لم o ژ شج

	LCA		**95%**
GWP(kg CO2 eq)	1.408E+003	4.46 %	