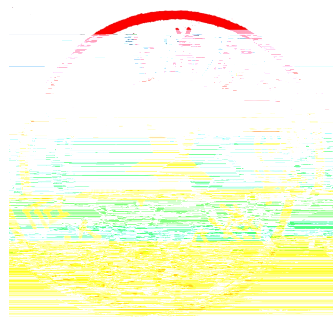
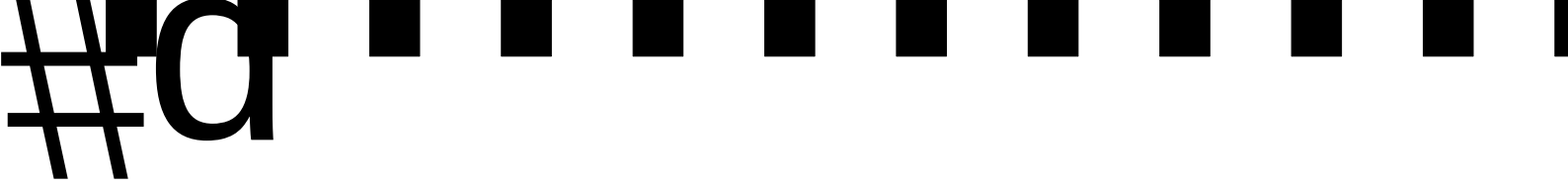


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|                |                   |        |     |                         |
|----------------|-------------------|--------|-----|-------------------------|
| FDLHEH         | 0.6/1kV           | 1C~5C  | 25  | 240mm <sup>2</sup>      |
| FDLHEH         | 1.8/3kV           | 1C     | 70& | 630mm <sup>2</sup>      |
|                |                   | 1C     |     | 0.75~400mm <sup>2</sup> |
| FDEH(FDEH-X),  | 450/750V, 0.6/1kV | 2C, 5C |     | 0.75~95mm <sup>2</sup>  |
| FDEHP(FDEHP-X) |                   | 3C, 4C |     | 0.75~300mm <sup>2</sup> |
|                |                   | 6C~36C |     | 0.75~4mm <sup>2</sup>   |
| FDEH(FDEH-X)   | 1.8/3kV           |        |     |                         |

1.2.

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1.2.2.

● 1% 0.1%

5%

●

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1.2.3.

1.2.4.

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|    |                                      |                                                                                          |
|----|--------------------------------------|------------------------------------------------------------------------------------------|
|    | kg CO2 eq.                           | CO <sub>2</sub> , CH <sub>4</sub> , N <sub>2</sub> O...                                  |
|    | MJ                                   | , , ...                                                                                  |
|    | kg Sb eq.                            | , , ...                                                                                  |
|    | kg                                   | , , ...                                                                                  |
|    | kg SO2 eq.                           | SO <sub>2</sub> , NO <sub>x</sub> , NH <sub>3</sub> ...                                  |
|    | kg PO <sub>4</sub> <sup>3-</sup> eq. | NH <sub>3</sub> NH <sub>4</sub> -N COD...                                                |
|    | kg PM2.5 eq.                         | CO, PM <sub>10</sub> , PM <sub>2.5</sub> ...                                             |
|    | kg CFC-11 eq.                        | CCl <sub>4</sub> , C <sub>2</sub> H <sub>3</sub> Cl <sub>3</sub> , CH <sub>3</sub> Br... |
|    | kg NMVOC eq.                         | C <sub>2</sub> H <sub>6</sub> , C <sub>2</sub> H <sub>4</sub> ...                        |
| eq | equivalent                           | CO <sub>2</sub>                                                                          |

CO<sub>2</sub>

Product Carbon Footprint, PCF                      kg CO<sub>2</sub> eq.

1.2.5.

LCA

CLCD

CLCD

LCA

1.2.6.

eFootprint

- C

LCA

eFootprint

LCA

CLCD

o    ELCD

Eco/    c

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|  |     |                |                                     |  |
|--|-----|----------------|-------------------------------------|--|
|  |     |                | 99.95%)                             |  |
|  | [ ] | ( 1.6 625 )    | hly1271763581@163.com 1.0           |  |
|  | [ ] | ( )            | yxt@ike-global.com 1.0              |  |
|  | [ ] | ( 0.07-0.1mm ) | 09203614@cumt.edu.cn 1.0            |  |
|  | [ ] | ( )            | CLCD-China-ECER 0.8                 |  |
|  | [ ] | ( )            | lcacontest-so20p@ike-global.com 1.0 |  |
|  | [ ] | ( )            | caixr7@mail2.sysu.edu.cn 1.0        |  |
|  |     | 6              |                                     |  |
|  | [ ] | LCA ( )        | jingjingliu25@163.com 1.0           |  |

2.

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1500km

|   |       |     |                                              |    |
|---|-------|-----|----------------------------------------------|----|
|   | 1     | km  | --                                           | -- |
| / | 1,980 | kg  | CLCD-China<br>0.9                            |    |
| / | 8     | m2  | hly1271763581<br>@163.com 1.0                |    |
| / | 352   | kg  | yxt@ike-globa<br>l.com 1.0                   |    |
| / | 590   | kg  | 09203614@cumt<br>.edu.cn 1.0                 |    |
|   | 836   | kWh | CLCD-China-EC<br>ER 0.8                      |    |
|   | 2.65  | kg  | lcacontest-s-<br>o20p@ike-glob<br>al.com 1.0 |    |
|   | 0.41  | kg  |                                              |    |
|   | 1.58  | m   | caixr7@mail2.<br>sysu.edu.cn<br>1.0          |    |
|   | 0.07  | kg  | jingjingliu25<br>@163.com 1.0                |    |
| 3 |       |     |                                              |    |
|   |       |     |                                              |    |
| 4 |       |     |                                              |    |



3.2.

. LC



|      |  |   |    |    |    |            |    |    |    |     |    |
|------|--|---|----|----|----|------------|----|----|----|-----|----|
| 8t - |  | Γ |    |    |    |            |    | %  | %  | 03% |    |
|      |  |   | 0% | 0% | 0% | -1.37E-06% | 0% | 0% | 0% | 0%  | 0% |
|      |  | Γ |    |    |    |            |    |    |    |     |    |
|      |  |   | 0% | 0% | 0% | 0%         | 0% | 0% | 0% | 0%  |    |
|      |  | Γ |    |    |    |            |    |    |    |     |    |

4.

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$$\begin{array}{ccccccc} * & & = & & * & / & \\ * & & & & = & & + \end{array}$$

4.3.

CLCD eF

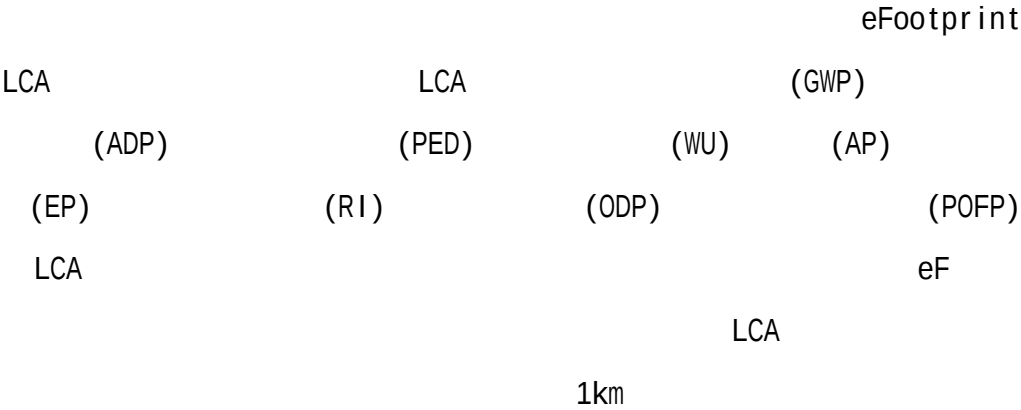
. LCA

|                      |            |         |                     |
|----------------------|------------|---------|---------------------|
| GWP(kg CO2 eq)       | 4.185E+004 | 5.35 %  | [3.96E+04,4.41E+04] |
| PED(MJ)              | 7.269E+005 | 4.54 %  | [6.94E+05,7.60E+05] |
| ADP(kg antimony eq.) | 1.011E+001 | 20.47 % | [8.04,12.18]        |
| WU(kg)               | 1.588E+008 | 5.07 %  | [1.51E+08,1.67E+08] |
| AP(kg SO2 eq)        | 1.778E+002 | 3.11 %  | [172.27,183.33]     |
| EP(kg PO43-eq)       | 2.981E+001 | 3.56 %  | [28.75,30.87]       |
| RI(kg PM2.5 eq)      | 5.500E+001 | 3.14 %  | [53.27,56.73]       |
| ODP(kg CFC-11 eq)    | 3.475E-004 | 10.92 % | [3.10E-04,3.85E-04] |

|                      |            |        |               |
|----------------------|------------|--------|---------------|
| POFP(kg<br>NMVOC eq) | 2.658E+001 | 6.72 % | [24.79,28.37] |
|----------------------|------------|--------|---------------|

4.4.

1km ( )



4.19E+04 kg CO<sub>2</sub>eq.