HONOR

Product Environmental Report

HONOR 50

Product
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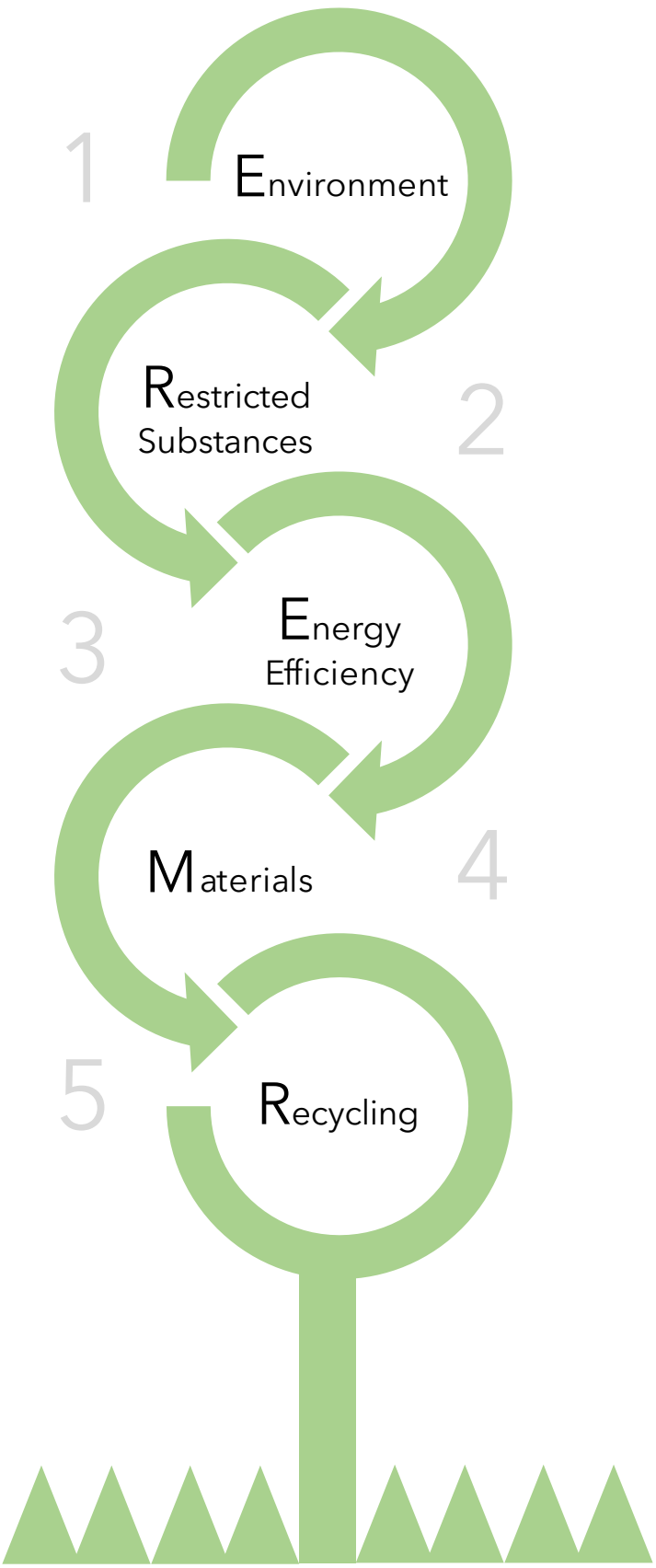
Product Type
Smart Phone

Screen:
6.57-inch Touch Screen

Weight
175g (handset with battery)
495g (packaged product, including
accessories and packaging)

Dimension
159.96mm(L)×73.76mm (W)×7.78mm(H)

5 Branches of Sustainable Product Development at HONOR



Environmental Impact

Carbon Footprint

Honor's smart devices were assessed based on lifecycle assessment (LCA) methodology according to ISO 14040 and ISO 14044.

In order to determine the potential environmental impact through the whole lifecycle, we collect all the data from product bill of material (BOM), energy consumption, assumed distribution, usage scenario and disposal and set database modelling in SimaPro software.

Environmental Impact

HONOR 50 Product Carbon Footprint (PCF)

The product carbon footprint environmental impact ** is based on the configuration of 6GB RAM and 128GB ROM device and assesses it through the LCA software SimaPro Version 9.4.0.1

For the assessment of the GHG emissions, the functional unit is defined at the usage of the smartphone (3 years), including its accessories and packaging. The different life cycle stage contribute to the total impact is below.

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Life Cycle Analysis

- ✓ Raw Material & Manufacturing 89.75%
- ✓ Mobile Phone Assembly 2.93%
- ✓ Distribution 0.68%
- ✓ Consumer Use 6.48%
- ✓ End of Life Disposal 0.16%

The GHG emissions of same device with 8GB RAM and 256GB ROM configuration is 62.4 Kg CO2e.

*** The results depend on the assessment method, scoping and assumptions used, are not directly comparable with those conducted by other parties.*

Restricted Substances

Restrictions of Hazardous Substances

Comply with the strict European Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, such as RoHS Directive (2011/65/EU) and REACH (Regulation No 1907/2006), EU Battery Directive (2006/66/EC), EU Packaging Directive (94/62/EC),etc. is our baseline.

Honor has gone one step further to restrict the use of more harmful potential substances which haven't been regulated in the directives or regulations:

·BFR (Brominated Flame Retardants) free
·CFR (Chlorinated Flame Retardants) free
·PVC free
·Arsenic- free display glass
·Antimony trioxide free***
·Beryllium (and its compounds) free

This will reduce the negative impact on the environment greatly and promote the recycling of material resource.

*** *Except the use of antimony trioxide in ceramic and glass component.*

Energy Efficiency

Power Efficiency

The product uses power-efficient components and software that intelligently manage power consumption, these measures can reduce greenhouse gas emissions of use phase of the device.

In addition, the device including the charger meets energy efficiency requirements of EU ErP Directive （EU）2019/1782 and Commission Regulation (EC) No. 1275/2008 and (EU) 801/2013.

Materials

Material Selection & Recyclability

There is minimized materials used for the product and packaging and most of the material is recyclable and can be recycled easily at the disposal stage. The packaging is also made primarily from fiberboard which is highly recyclable.

In order to reduce more CO_2 emissions, more sustainable low carbon materials such recycled and biobased material will be selected.

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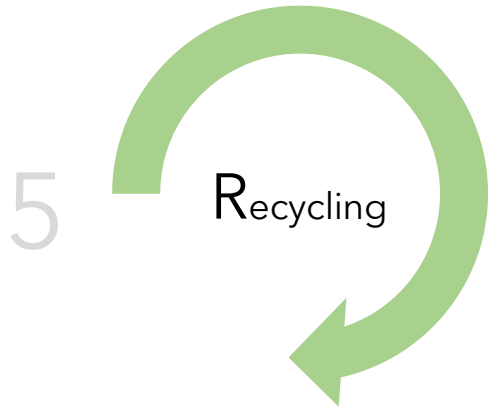
Material Overview

- ✓ Metals 22.38%
- ✓ Plastics 10.56%
- ✓ Glass & Ceramics 20.71%
- ✓ Battery 34.56%
- ✓ Circuit Board 7.28%
- ✓ Others 4.56%



Recycling

A New Life for Devices

Honor has minimized material waste at the end of life through ultracompact, ease-to-disassembly, environmentally friendly design. Due to the recyclable materials is used, the smallest waste will be landfilled after professional recycling. In order to give a new life to the old ones, we have cooperated with qualified third-party recycling companies through trade-in services, this project is launched in China firstly, then will be extended to other countries in the future.


HONOR
Green today, here tomorrow