

# SHIRO ECHO IS AN ENVIRONMENTAL PAPER WITH 100% RECYCLED FIBRE

- / MANUFACTURED WITH 100% 100% RENEWABLE ECO ENERGY
- / 100% RENEWABLE ECO ENERGY
- / HIGH QUALITY ECO-FRIENDLY SOLUTION
- / ALL RAW MATERIALS ARE SOURCED FROM CONTROLLED AND CERTIFIED SOURCES
- / UNAVOIDABLE CO<sub>2</sub> EMISSIONS NEUTRALIZED
- / AVAILABLE IN 3 NEW ROUGH COLOURS, RAW GREY, RAW SAND AND RAW BLACK

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## CARBON FOOTPRINT OFFSETTING

Biomass replaces fossil fuel generated electricity  
Biomass, Heilongjiang, China

[This carbon offset project](#) is a biomass power-only plant located in the Heilongjiang Province, China. Local biomass feedstocks, (maize straw and rice straw), and other forestry residues, are collected and transported by local farmers. The residue is processed to generate electricity with the help of a 30 MW power generator. The project is designed to supply 190,440 MWh per year to the Northeast China Power Grid.

Without the project, the biomass residues would be burnt in an uncontrolled manner or would be dumped or left to decay, which would result in higher methane emissions. The power generated in the biomass plant replaces the same amount of electricity generated by fossil fuel power plants and thereby avoids about 172,090 tonnes CO<sub>2</sub> per year. The local community is also positively impacted by the improvement of the economy and living conditions.

### **How biomass projects help contribute to climate change**

Biomass refers to organic residues such as tree branches, leaves, sawdust, wood chips or coconut shells.

Those are of a biogenic, non-fossil nature that can be used to generate renewable energy. One way to generate renewable energy, among others, is to fire kilns using biomass.

This process prevents harmful smoke and large quantities of CO<sub>2</sub> to be released.

As an additional greenhouse gas reduction measure, biomass climate projects mostly prevent biomass from rotting in the open air, so that no methane (CH<sub>4</sub>) is released.

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Favini and Shiro Echo have been awarded the following certificates:



PAPER COMPENSATED THROUGH A BIOMASS OFFSET PROJECT IN CHINA

Mill accreditation: UNI EN ISO 9001, UNI EN ISO 14001, UNI EN ISO 45001.



\* Refers to Raw Black only

Further details can be provided on request, please contact our sales offices in Italy at +39 0424 547711, e-mail [info@favini.com](mailto:info@favini.com)

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