

CASE STUDY

PACKAGING SOLUTIONS

NAFICI GROUP

Nafici Group has built a commercial scale Next Gen pulp mill in China making unbleached pulp for packaging from wheat straw and reeds rather than vital forests. Their EcoPulping technology enhances paper strength allowing for thinner walled boxes. This reduces the amount of paper needed and reduces CO2 emissions both in manufacturing and transportation.

Nafici Group, in partnership with Hive Energy, is now planning to build a second mill in Europe through Nafici Environmental Research (NER).



HOW WE DID IT

Canopy has built the market for Next Gen packaging and introduced Nafici to several paper producers and retailers interested in reducing their impact on forests and the climate, who can potentially adopt Nafici's EcoPulping technology.



IMPACT

Compared to conventional wood pulping, Nafici's closed loop system uses up to 50% less energy, up to 90% less water, greener chemistry – and uses no tree fibre – leaving forest habitat and carbon storage intact. The CAPEX and OPEX of their mills is lower due to these factors.



POTENTIAL IF SCALED

Nafici designs and licenses small or large scale EcoPulping Mills that can be installed as independent units or retrofitted to an existing paper mill to produce marketable unbleached straw pulp. This pulp can be used in all different types and applications of paper and packaging products.



GET INVOLVED

FOR INVESTORS

Investors can help Nafici to build their next mill.

FOR BRANDS

Brands can commit to buy the paper products made with Nafici EcoPulp.

FOR PRODUCERS

Packaging or tissue producers can license the tech to retrofit their existing mills.

CONTACT US

For more information, contact our team at nextgensolutions@canopyplanet.org