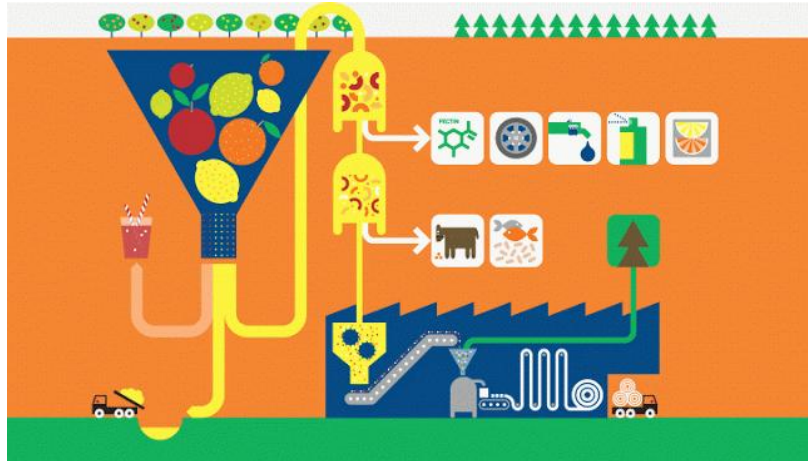


HIGH-QUALITY PAPER PRODUCED FROM RECYCLING AGRO-INDUSTRY SCRAPS

After the success achieved from the production of algae paper, obtained in 1993 by recycling algae infesting Venice's Lagoon, the historic [Favini Paper Mill](#) which operates since more than a century in Veneto Region (Italy), continued its innovative work through the production of environmentally-friendly papers. By doing so, the company contributes to the improvement of the quality of the environment and the reduction of cellulose use by recycling a wide range of waste scraps.



Favini Paper Mill created, patented and launched into the market a new range of environmentally friendly paper called CRUSH. This paper is produced by using food scraps. In particular, the manufacturing processes of this ecological paper is made through the reuse and recycling of residues of fruit, nuts, coffee, hazelnuts, almonds, lemons, kiwi, olives, corn, lavender and cherries. The ecological CRUSH range is certified according to FSC standards (Forest Stewardship Council) and is GMO-free; it contains 30% post-consumer recycling and is made with 100% green energy; it manages to save 15% of trees virgin pulp. By doing so the carbon footprint is reduced by 20 %.

In 2012 the Ecological Paper CRUSH won the 25th edition of the *Luxe Pack in Green* of the International Exhibition of luxury packaging held in Monaco. CRUSH obtained the maximum score for each parameter of the competition:

- It is Innovative, thanks to the recycle of Agro-Industry scraps;
- It is realized by replacing standard materials with 15% of agro-industries' waste and 30% of recycled paper;
- It is a high-quality paper, suitable for printing;
- It is based on local production, with a high value of sustainability.

Favini has also launched its range of ecological papers *Shiro Tree Free*, which does not use tree pulp and is produced with fibers from annual plants like bamboo, cotton and sugar cane scraps. A further production line is *Shiro Echo*. This paper is obtained by using fibers recovered from waste paper appropriately deinked and which is FSC certified. *Shiro Echo* is made from 100% recycled post-consumer products. Waste production and processing, moreover, are in turn divided by type and color and then reused in the production cycle.



Favini Paper Mill is especially able to respond to specific raw materials waste recycling request. For example, the known manufacturer of Pasta Barilla required the collaboration of the paper mill to recycle bran recovered from its grain grinding mills and which would be otherwise no longer usable. From this request the [Cartacrusca](#) paper was created by purifying the bran scrap to make it compatible with paper fiber. This process uses 17 % of bran fiber instead of wood pulp.

Favini also continues the production of *Shiro Alga Carta*, an ecological paper produced by recycling algae that proliferate in the Lagoon of Venice, a polluting material and difficult to dispose of. The algae are collected and mixed with certified fibers, replacing up to 30% of the pulp used in paper production. The recycling of the algae can therefore not only protect the marine area ecosystems, but also saves the use of tree pulp.

Favini paper mill is an example of a productive enterprise with high technical standards, sensitive to ecological issues, which develops products and innovative manufacturing processes and reduces industrial environmental impacts.

The objective of the paper mill is to continue to increase the percentage of waste scraps and decrease that of paper pulp in its production process. Further, the energy used by the paper mill is 100 % self-produced thanks to its hydropower turbines.

En el sitio web de la fábrica Favini se puede encontrar más información sobre otros aspectos de los que aseguran un impacto significativo en la sostenibilidad del medio ambiente.

In Favini's website you can find additional information on other aspects of the [adopted production processes](#) ensuring a significant sustainable impact on the environment.

To know more

www.favini.com

[Article in PPIMagazine.com](#)

[Video in Lifegate.it](#)

[Slides in gaia.at.it](#)

[Article about AlgaCarta](#)

