



FACTSHEET

JULY 2013

SOFIDEL PROMISES TO FIGHT CLIMATE CHANGE

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Nearly 70% of Sofidel's carbon footprint is generated by emissions from its own plants and bought energy use (Scope 1 and Scope 2).

Sofidel's Climate Savers commitment to reduce its footprint is to cut CO₂ emissions by at least 11% by 2012, compared to 2007. It has also committed to reducing its indirect emissions from the production of raw materials and shipping of finished products and raw materials. Sofidel has set a series of general targets, to be reached by 2012:

- Improved indirect (Scope 3) emissions, according to the Greenhouse
- Gas (GHG) Protocol
- Generation of a formal and explicit data collection process for suppliers
- Agreeing with WWF on a significant reduction of indirect emissions.

FROM SOURCING GREEN FIBER TO SAVING THE CLIMATE

With paper production and converting facilities in Italy, France, Spain, Germany, Poland, UK, and Turkey, Sweden, Belgium and Romania;

producing more than 900,000 tons annually for the European market and employing over 5000 people, Sofidel is the most important Italian tissue company and the second in Europe. In the third quarter of 2012 Sofidel has took over Cellyne Corporation, a US based company, and it is now active also in US market with the company Sofidel America.

Although it has been a Climate Savers partner since December 2008, its relationship with WWF goes further back: in 2007, WWF Italy and Sofidel signed a partnership aimed at enhancing energy efficiency and improving the responsible sourcing of wood fiber. Sofidel recognizes the critical role of forests in protecting global and local environments, and has attained Forest Stewardship Council certification for several of its operations.

Because of this work together, WWF Italy proposed Sofidel as the first Climate Savers partner in Italy.



"This partnership between the Sofidel Group and WWF reflects the company's social responsibility and supports our long-term commitment to sustainable development. Concern for the environment is part of our business culture and we recognize the importance of applying good management policies to environmental issues."

Luigi Lazzareschi
CEO Sofidel

www.sofidel.it



Sofidel has extensively invested in photovoltaic (PV), small hydro, and biomass projects.

CUTTING CARBON IN TISSUE PRODUCTION

SaBy (?) reducing the heat demand of paper mills, Sofidel can achieve a significant improvement in energy efficiency in the production of tissue paper. Heat recovery (where the recovered steam is used to dry the paper), and increasing the heat extraction rate at heat exchangers, are two ways to reduce heat demand. Electricity demand can also be reduced through an overall improvement in the efficiency of the machinery by:

- using variable speed pumps
- downsizing oversized equipment
- using high quality lighting systems
- and introducing information technology control systems.

In many paper mills the sum of such activities has enabled an energy saving up to 10 % of the consumption recorded in the base year.

INVESTING IN RENEWABLE ENERGY

Sofidel has extensively invested in photovoltaic (PV), small hydro, and biomass projects.

To date, more than €10 million have been invested in PV plants in Italy, Lucca, Tuscany, for an overall power of 3.5 MW. Such plant has been installed on the roofs of the company building, avoiding the consumption of land.

Furthermore two small mini hydro plants have been built and restored for a € 2,5 million of investment in Italy and Germany. Recently Sofidel has announced a further investment of € 6.5 million for a biomass boiler in France, that will be fully operative in early 2014. The biomass for the boiler will come only from the surrounding areas of North East France, where the paper mill is located. The sources of wood will be under the control of local authorities.

GROWING CHP PLANTS ACROSS THE ENTERPRISE

Sofidel installations that use combined heat and power (CHP) often generate relatively lower emissions as they use less primary energy.

Sofidel has already introduced CHP plants in 3 Italian paper mills and in its Polish facility.

The Polish CHP plant produces steam, electric energy and hot water from natural gas. The hot water is feeding the local district heating system. Such installation, in a country where the main fuel for power production is coal, removes every year around 15,000 t CO₂. The total investment has been €7 million.



Sofidel headquarters

ACHIEVEMENTS

At the beginning of 2013 Sofidel has submitted its emissions result to Ernst & Young that have carried out a complete revisions of the activity data. The result of the assurance was a reduction of the absolute emissions of the Sofidel companies of 11,1 % and a reduction of the carbon intensity of 14,4 %.

11,1%
REDUCTION IN
CO₂ EMISSIONS
BY 2012