

Participating in the Green Purchasing Network

The Green Purchasing Network (GPN) of Japan was established in 1996 as a loose-knit network of businesses, civilian organizations, government agencies, and other entities proactively engaged in green purchasing practices. GPN is convinced that green purchasing plays a critical role in the formulation of a market for eco-products on a scale sufficient to facilitate eco-product development. GPN believes that green purchasing will contribute

significantly to the realization of a sustainable society.

As a GPN member, Toppan Inc. provides printing services based on the GPN Ordering Guidelines for Printing Services.

Green Purchasing Network
<https://www.gpn.jp/english/index.html>



Promoting CFP and Carbon Offsetting Initiatives for Printed Materials and Events

The Toppan Group has been visualizing CO₂ emissions associated with printed materials and events through CFP* and carbon offsetting initiatives. The Group's one-stop service for client companies covers every step from CFP quantification to carbon-offset certification. This procedure has also been applied to the Group's own products and events. In fiscal 2020 the Group conducted CFP quantifications for 19 products, services, and events.

In self-initiated activities, CO₂-equivalent greenhouse gas (GHG) emissions associated with printed materials issued by the Toppan Group are offset with J-Credits generated by Toppan subsidiaries and Gold Standard credits linked to the SDGs. The carbon-offsetting mechanism using Gold Standard credits

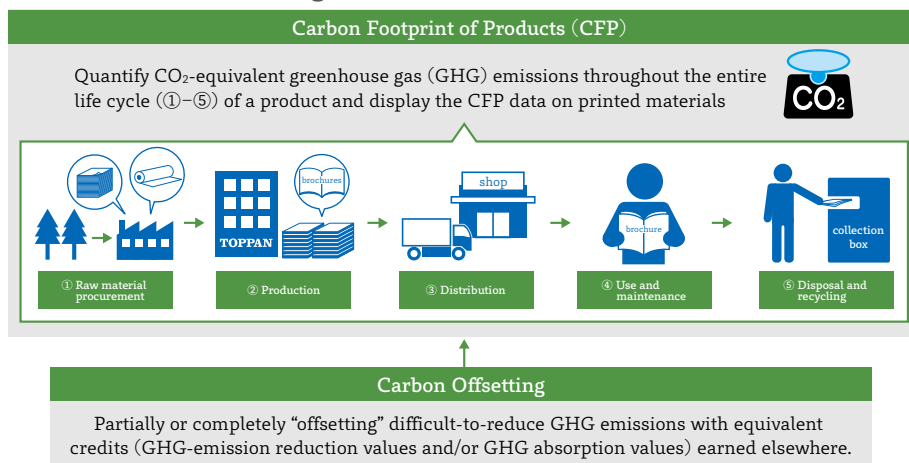
allows Toppan to address SDG-relevant global development agendas such as climate security and stable power supply.

The Group has also offset the CO₂-equivalent GHG emissions associated with the TOPPAN eSports Festival**. The emissions were offset with a J-Credit originating from a GHG-emission reduction project using carbonyl fluoride operated by Ortus Technology Kochi Co., Ltd. (now the Kochi Plant of Toppan Electronics Products Co., Ltd.).

**Carbon footprint of products,* a project advocated by the Japanese Ministry of Economy, Trade and Industry

**<https://japancredit.go.jp/cp/77/> (in Japanese)

Framework for CFP and Carbon Offsetting



CFP information on the printed Japanese version of the *Toppan Integrated Report 2020*

https://ecoleaf-label.jp/pdf_view.php?uuid=c2743b52-521c-469b-a28b-3c698f0311ea.pdf&filename=JR-AO-20008C_JPN.pdf



Toppan Integrated Report 2020
 (back cover of the printed Japanese version)