

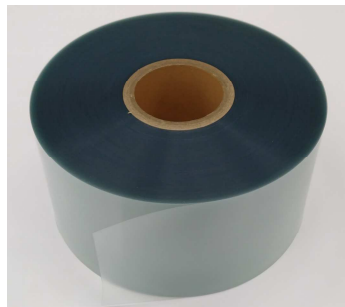
April 11, 2023

Sojitz Pla-Net Corporation  
Sun A Kaken Co., Ltd.

**Sojitz Pla-Net and Sun A Kaken Initiate Sales of the World's First  
Pharmaceutical Press-Through-Pack Sheets Manufactured with a Polyvinyl  
Chloride Base Formulated with Biomass Polyethylene**

– Utilizing Biomass-Derived Plastic to Reduce CO2 Emissions by More than 20% –

Sojitz Pla-Net Corporation (Head Office: Tokyo; President: Kenichi Ariga) and Sun A Kaken Co., Ltd. (Head Office: Tokyo; President: Takeshi Sakurada) have just launched Medi Green® as the world's first pharmaceutical press-through pack (PTP) sheets which are polyvinyl chloride (PVC) based PTP sheets with Biomass PE laminating in the inner layer made from non-edible sugarcane blackstrap molasses. Sugarcane absorbs CO2 from the atmosphere during its growth. The Medi Green® product is therefore expected to reduce CO2 emissions by more 20%\*<sup>1</sup> compared to conventional single layer PTP sheets made from fossil-fuel derived PVC.



Medi Green®



Image of PTP sheets after  
molding

Japan's Ministry of Economy, Trade and Industry has announced its Green Growth Strategy for achieving carbon neutrality by 2050, which aims to reduce and replace fossil-fuel derived plastics with biomass-derived plastics. The pharmaceutical industry utilizes approximately 14,000 tons\*<sup>2</sup> of PTP sheets for tablet medication annually. One of the industry's current challenges is to substitute pharmaceutical plastic packaging material with biomass-derived plastics in order to reduce CO2 emissions.

PTP sheets are most commonly manufactured with PVC and this new Medi Green® product will be the world's first PTP sheets to be formulated with a PVC based sheet with a biomass based PE layer.\*<sup>2</sup> This revolutionary product will maintain the same high moldability and productivity as conventional PTP sheets while also being eco-friendly.

South America's largest chemical manufacturer Braskem S.A. (Head Office: Brazil) is the world's only manufacturer of biomass PE, which is used in this product. Sojitz Corporation is a shareholder of Braskem and Sojitz Pla-Net acts as Braskem's distributor for the Asian market.

The spread of Medi Green® will promote the transition from fossil-fuel derived plastics to biomass-derived plastics in the pharmaceutical packaging field which will contribute to a reduction in CO<sub>2</sub> emissions by pharmaceutical companies.

[Role of Each Company]

#### ■ Sojitz Pla-Net Corporation

A specialized trading company for plastics, Sojitz Pla-Net Corporation procures raw materials including biomass plastics. The company is engaged in development, marketing, and sales for Medi Green® as well as determining life cycle assessments (LCA).\*<sup>3</sup>

Sojitz Pla-Net will leverage its established global customer networks, sales and procurement networks, and the strengths of its existing business to create new environmental businesses for realizing a decarbonized and recycling-based society that will contribute to the realization of a sustainable world.

#### ■ Sun A Kaken Co., Ltd.

Sun A Kaken Co., Ltd. possesses the equipment and technology for the laminating/coating processes used in film sheet manufacturing and will conduct development and manufacture of Medi Green®. The company strives to increase convenience for society by utilizing the latest technology to create packaging materials for fields including pharmaceutical products and foods.

\*1: Values calculated based on LCA (See \*3). The amount reduced depends on the grade. For further details, please contact Sojitz Pla-Net Corporation.

\*2: Research by Sojitz Pla-Net Corporation

\*3: Life Cycle Assessment (LCA) is a ISO14040 standardized method for quantitatively evaluating environmental impacts.

[For questions regarding this press release, contact]

Sojitz Pla-Net Corporation Performance Packaging BU Section No.2

06-6455-4660

Product page: <https://www.sojitz-planet.com/products/medicine>