



Making flexible packaging sustainably attractive

The flexible packaging market, including paper, plastics and foil laminates has grown in the last decade due to technical advancements.

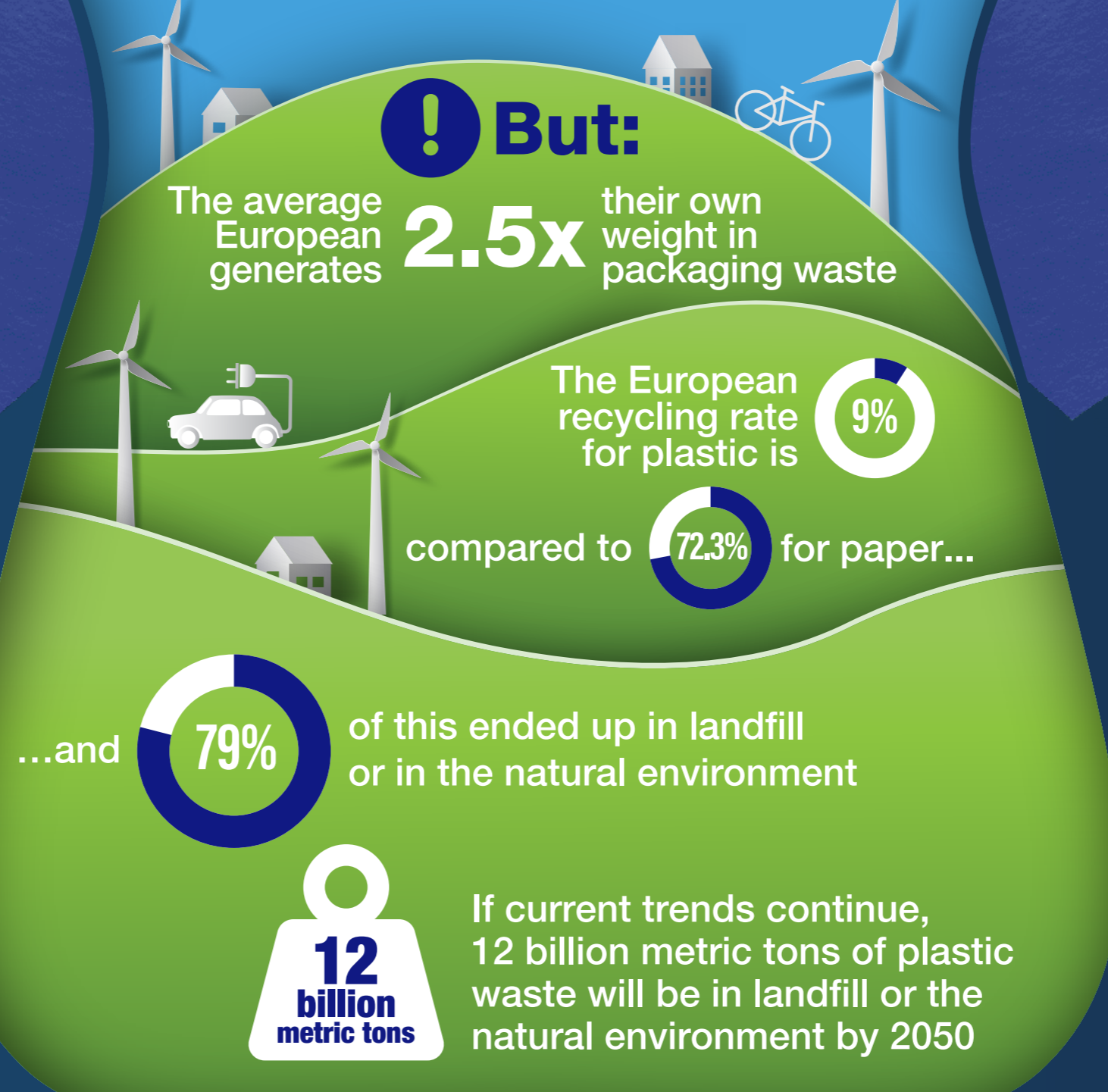
Inks, coatings and lamination adhesives may only be 1-3% of a finished package but, while they may be small in volume and weight, they could make or break the sustainability credentials of flexible packaging.

So, what does the sustainability landscape look like in flexible packaging, what does that mean for converters and brand owners, and how our solutions can help towards to your sustainability goals?

Take a look to find out more.

A brief backdrop to sustainability in flexible packaging...

- Advantages of flexible packaging:**
- Lightweight
 - Easy to transport
 - Prolongs shelf life of food-based items
 - Increases hygiene standards
 - Supports consumer 'on-the-go' lifestyle

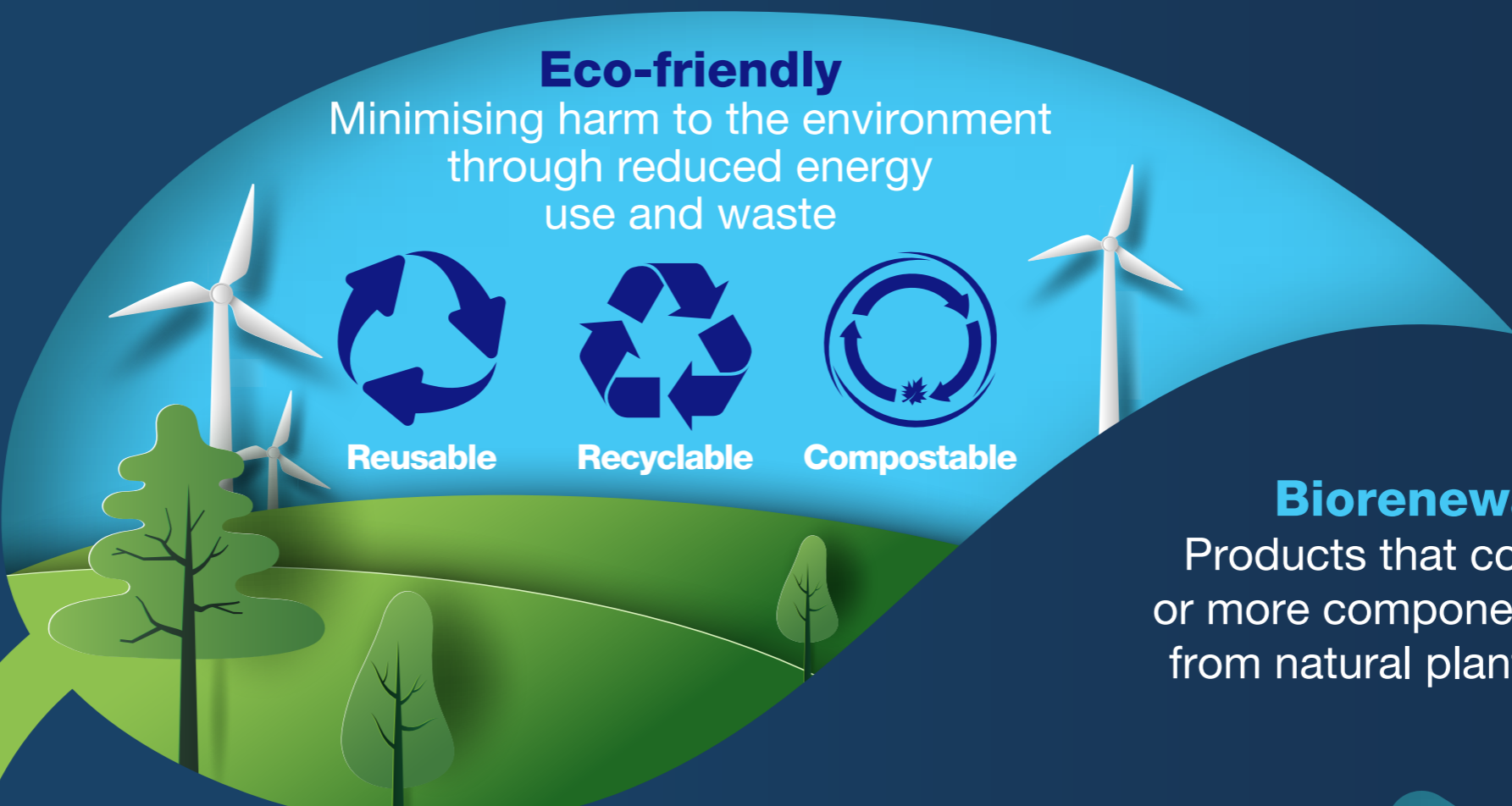


Consumers worldwide are more eco-conscious now than ever and they're calling for change

NOW

Driving brand owners and converters to seek products from suppliers that are...

Biodegradable
Materials broken down by microorganisms



Biorenewable
Products that contain one or more components derived from natural plant materials

Innovation is therefore focused on...



The increased use of **raw materials from biorenewable sources** to reduce the product's carbon footprint and the reliance on finite oil and coal resources

Developing solutions that help resolve societal issues such as the **reduction of food waste**



Mono-material development

Made of a single type of material, mono-materials are far easier to recycle and with special barrier coatings this increased recyclability does not need to come at the cost of performance



Overall support of a **circular economy** where products are diverted from landfill or incineration. Instead, they are designed with the end of their life in mind

And we've got the solutions right here...

A range of water-based inks with high levels of biorenewable sourced resin content for paper packaging applications
SunVisto AquaGreen

A family of compostable lamination adhesives that are both water-based and solvent-free for all major flexible packaging applications
SunLam

A water-solvent based coating that can be used for flexible applications (particularly where mono-materials are concerned) to improve functionality and improve food protection
SunBar

Ink systems for surface printing and lamination on multiple end-use applications that are certified 'OK to compost'
SunUno Solimax

Adhesive system that can restore mono-material functionality by eliminating the barrier layer and increasing oxygen barrier properties. Enhances durability and product protection, resulting in less waste
Paslim

Color Management Solution that minimizes waste and reduces press downtime
SunColorBox

Tools that assess if a colour can be achieved on a press, for extended colour gamut printing
SunECG, part of **SunColorBox**

Sustainability is all about preserving today's resources and raw materials for future generations and that's something we're passionate about. In fact, almost every product that is now developed by Sun Chemical has some eco-friendly feature. We innovate with the future in mind, and we help converters and brand owners to meet the demands of increasingly environmentally-conscious consumers.

Let us use our decades of expertise to help you re-design your approach to sustainable flexible packaging.

SunChemical
a member of the DIC group

