



Global leader in engineered solutions
and advanced materials.
SWM INTL presents LeafLAB and unveils
its revolutionary botanical solutions!

Discover New Ways to
Enjoy Teas and Infusions
Choose InFuze™

Leaf
LAB
inspired by nature
engineered by SWM

Introducing LeafLAB

Bold Ideas, Technical Know-How

LeafLAB is a dedicated business group within the SWM enterprise (a NYSE listed company), with the mission to bring innovative and value-adding botanical solutions to our customers. Our bold ideas and R&D and production expertise create a new world of tailor-made innovation that we are excited to share.

Fiber Transformation Experts

We use a technology platform which allows us to combine material regeneration with paper-making expertise across a wide range of natural fibers, transforming them into novel products for diverse applications. We can also add flavors and other ingredients for distinctive taste experiences.

Your innovation Partner

We are establishing world-wide commercial and technical partnerships to develop or co-develop new botanical solutions into diversified sectors. Our goal is to present a new world of innovative possibilities to help our customers push product innovation, brand differentiation, and growth opportunities. We are open to a diverse range of collaboration models to bring your ideas to life!

Creating Breakthrough Products

We thrive on ideas and products that are new and game-changing to deliver unique consumer experiences that help our customers stand out from the crowd. That's why we observe, try, brainstorm and prototype a range of 'blue sky' ideas to generate food for thought for your next big breakthrough!

We Honor Nature!

Valuing nature's richness is our passion, transforming botanical materials is our expertise.

LeafLAB Applications in Brief

Beverage

InFuze™ brings you a unique way to enjoy teas and infusions. InFuze™ requires no tea bags, can be differentiated by shape or format and because we brew this as part of our process, you can enjoy fast delivery of color and taste, hot or cold.

Botanical Fibers

We can process a range of botanical materials to produce fibers in ready-to-use formats for specialty paper or cardboard manufacturers to turn into products with natural sensory properties.

Packaging

With our partners, we have developed a range of natural looking packaging using botanical fibers. This includes fibers that are considered by-products of other processes that we upcycle – tea and cocoa boards for packaging are two of our current range.

Cosmetics

LeafLAB offers unique product development innovations and opportunities to the health and beauty industry. Through our capabilities to capture the purity and natural benefits to botanical fibers and extracts, we can create luxury, premium products for the most discerning beauty and cosmetic consumers.

More information can be found at leaflab.com



Inside The Package

InFuze™ Teas & Infusions

In the package are examples of concept materials in a novel format designed to give you a flavor of the possibilities of InFuze™. The samples have been prepared into individual ready-to-use sachets to enjoy as individual drinks, or for you to mix the teas and flavor slices to personalize your experience. Brew in water, hot or cold to make your preferred brew.

There are 5 varieties

Flavors – try alone, add to your favorite black or green tea or mix the flavors together – create your own taste!

Kenyan Black Tea

A drink for any time of the day

Indonesian Green Tea

A green and grassy fresh drink

Spice up your tea with a slice of **Ginger**

Refresh the palate with **Lemongrass**

Surprise your taste buds with **Hibiscus**

You Can: Choose Customize Create

- Differentiate and shape your tea and infusion format
- Improve the consistency of taste and color delivery
- Prepare teas and infusions fast, hot or cold
- See the tea, not the tea bag
- Free from chemicals, naturally biodegradable

Differentiated Packaging

All About Tea Packaging

Tea fibers are used to replace a proportion of wood pulp in this natural looking board. The board can be printed, cut, folded and processed on packaging lines in the same way as traditional board.

The beauty is...

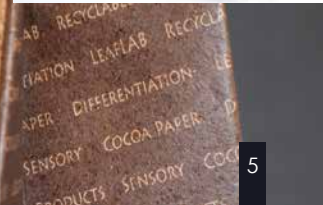
We can re-purpose tea leaves, for example from ready-to-drink or extraction processes, and upcycle into fibers and board to reduce landfill, and move towards a more circular business system.

The result is **naturally distinctive!**

Other Packaging Materials

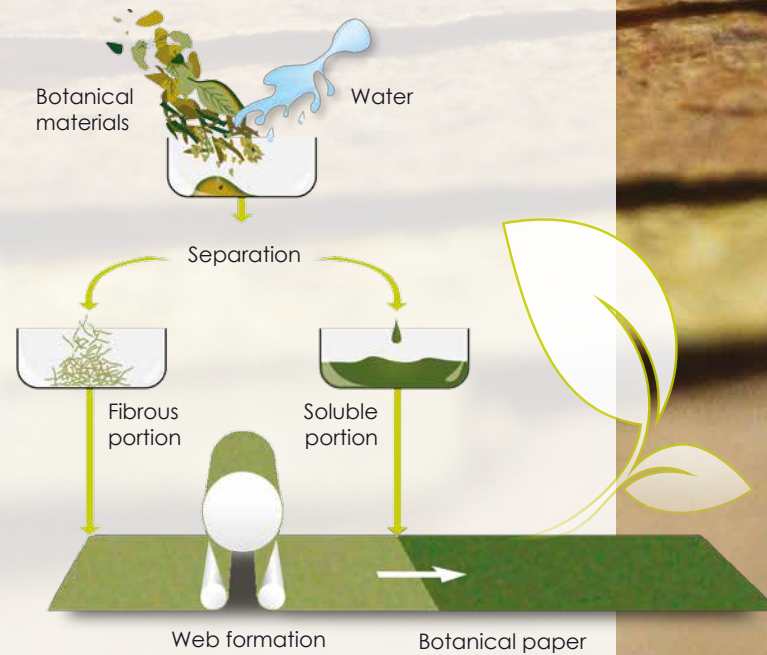
Cocoa Paper & Board - Bringing a second life to cocoa bean shells.

Other botanical fibers and by-products can also be transformed into new packaging formats.



Our Patented Process

Transforming Botanical Materials



Tailor-Made Solutions

InFuze™ Teas & Infusions

Using our proprietary capabilities, we can take your choice of botanical materials, individually or in a mix and transform them into your tailor-made botanical paper:

- Food Plants - all types of green and black teas, cocoa, coffee
- Medicinal & Cosmetic – ginger, chamomile
- Flowers or herbs – hibiscus, lavender

Our process is capable of using conventional plants including by-products from other processes.

We can also add flavors and other ingredients to create a distinctive taste. The final product is able to be transformed into novel formats of your choice.





What's Next?

To find out more, exchange ideas and to define your own tailor-made solution, contact us at:

leaflab@swmintl.com

You can also:

Visit our Website at
swmintl.com

SWM
engineered for tomorrow