



THE GOOD
CONSCIENCE
ALTERNATIVE
TO PLASTICS

THE ERA OF PLASTICS HAS LASTED FOR SEVERAL DECADES, CAUSING REMARKABLE STRESS ON THE ENVIRONMENT.

REDUCING THE USE OF PLASTIC IS A GLOBAL ENVIRONMENTAL CHALLENGE, MOTIVATED BY THE MILLIONS OF TONS OF PLASTIC DEBRIS IN THE OCEANS. NEW MATERIAL INNOVATIONS ARE NEEDED, PARTICULARLY IN SHORT LIFESPAN PLASTIC PRODUCTS, SUCH AS CARRIER BAGS.

PAPTIC® is a new wood fibre based material. It combines the recyclability and renewability of paper, with the functionality of plastics.

Resource efficient alternative for paper and bioplastics

Based on maximum use of renewable raw materials

Enabled by the energy and water efficient technology used in paper manufacture

PAPTIC® has a multitude of plastic replacing applications, such as carrier bags, flexible packaging, and logistics.

The primary plastic replacement target in many places (California, EU, China) has been the banning the use of plastic bags

Offers a way for retailers and brand owners to replace the plastic bags conveniently, with a solution naturally preferred by consumers

The perception of plastic is increasingly negative, causing a growing number of consumers, brand owners and retailers to seek alternatives. This creates a huge market for sustainable materials.

The annual European plastic bag market is 100 billion bags, valued at over €3bn

The target segment is a growing group of sustainability driven brand owners and retailers of durable goods

PAPTIC® will initially target the European Serviceable Obtainable Market (SOM) of €100m with a market share of 15%.

PAPTIC® Ltd is already in discussions with over 20 European retailers and brand owners, including the #1 fashion retailer in Germany, a leading electronics retailer based in UK and a global sustainable cosmetics retail chain.



PAPTIC® Ltd is a material technology company. We are targeting the replacement of plastics with a sustainable, consumer friendly and cost efficient solution.

PAPTIC®'s CAPEX-efficient business model is based on the networking and outsourcing of all production activities to partners (e.g. existing paper mills)

Benefits of this immediate capacity are the quick scale-up and economies of scale

PAPTIC® Ltd was established in April 2015. The technology platform is based on a 7 year and €10m research portfolio, spun-off from VTT Technical Research Centre of Finland. PAPTIC® technology is protected by several patent applications.

PAPTIC® Ltd seed funding round of over €1.1m was closed in April 2015

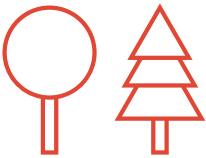
Invested in the construction of a demonstration plant (PoC) of PAPTIC® technology (ready Sep 2015) and in market campaigns with brand owner partners (starting in January 2016).

Currently PAPTIC® has signed three LOIs with brand owners to perform the first market campaigns and to create first revenue.

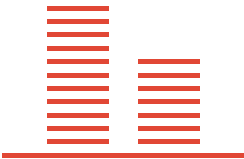
Today, PAPTIC® seeks:

Brand owner and converter partners for market campaigns

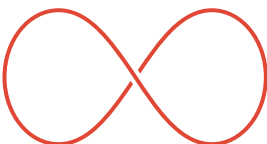
Investors for series A funding round to scale-up business, closing in April 2016



75% renewable



Lightweight, durable and soft marketable



100% recyclable

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