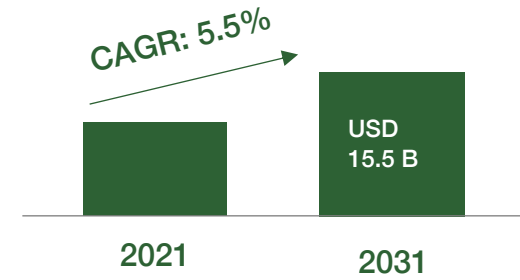


Water Soluble Sachets



Biodegradable, water soluble sachet as a solution for non-compostable Sachets



Source: Allied Market Research



The impact



Formaldehyde production is over 52M tons, 2.6M in the cosmetic market.

Our solution can save about **850kg** of formaldehyde in the first year and growing each year (**8.5 tons, 42.5 tons, 85 tons** and on...)

The energy required for the production of 1 kg Resilin is at least **2 orders of magnitude lower than** the required energy to produce **plastic** (polyethylene) and nylon and **1 order of magnitude lower than** the required energy to produce **rubber**.

Resilin can **replace** basic synthetic non-biodegradable **plasticizers such as PVC**. Using Resilin can potentially **save million tons of plasticizers annually**.

Fermentation process produces **X200 less CO2** in comparison to plastic production process.