



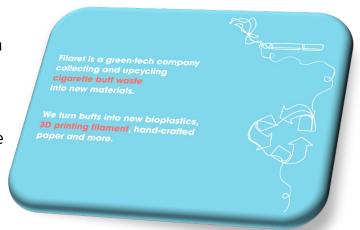
The Problem

- As of 2023, there are approximately 1.3 billion smokers worldwide. These individuals collectively consume 5 trillion cigarettes each year, contributing significantly to pollution
- Every minute, an estimated 10 million cigarettes are smoked, with the majority of their butts being improperly disposed of. This creates a monumental waste problem that could be mitigated through innovative recycling
- Cigarette butts are the most discarded item globally, with billions ending up in the environment each year. These non-biodegradable filters take years to break down, leaching toxic chemicals into soil and water
- Cigarette filters contain plastic (cellulose acetate) and other chemicals, which make them hazardous to wildlife and ecosystems when discarded

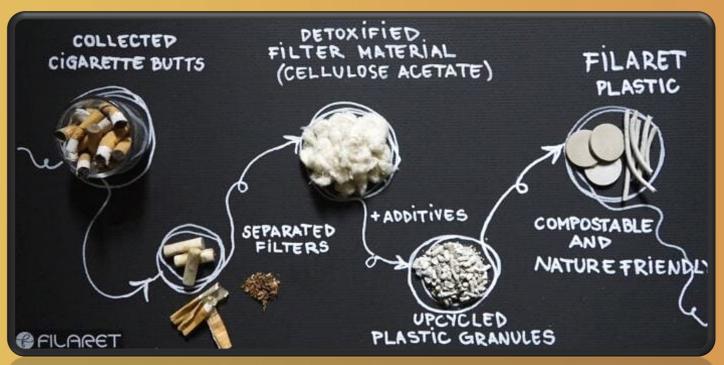


Filaret Innovation

- Filaret, an innovative company, transforms discarded cigarette butts into 3D printing filament. They collect the cellulose acetate filters from cigarette butts and turn them into usable, sustainable filament for 3D printing
- By converting cigarette waste into filament, Filaret not only reduces the litter caused by billions of discarded cigarette butts but also creates a new material that can be used in manufacturing
- This initiative fosters a circular economy by reducing waste and turning harmful pollutants into valuable resources for the growing 3D printing industry



How it works



@FILARET

UPCYCLED
PLASTIC GRANULES



Benefits of using Filaret

- The scale of the operation can help recycle significant amounts of cigarette waste, contributing to both environmental cleanup and the production of high-quality 3D printing materials
- Reduces waste from non-biodegradable cigarette butts, which are a major source of global litter
- Produces a low-cost, renewable resource for 3D printing companies, enabling them to offer sustainable products
- Prevents toxic chemicals from cigarette butts from leaching into ecosystems by repurposing them into a useful material

