

## About BioEir

IREMA Ireland's BioEir filter media is derived from a 100% biodegradable and sustainable natural polymer delivering a lofted media with continuous fibres of mixed diameters from <math><0.3</math> to

- Renewable material
- Lower Energy Consumption
- Biodegradable material
- Longer Lasting filter lifetime
- Overall cost reduction

### Sustainability Benefits

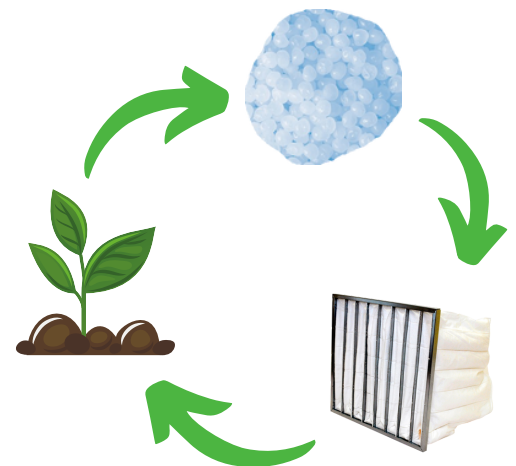
- 100 Percent Biodegradable
- Derives from renewable source
- Reduces Co2 footprint
- BioEir conforms to EN 13432

## Advantages of BioEir Filters over other Filters

- BioEir Filters will provide a true Co2 reduction of 68-72% against other standard filters
- BioEir Filters will reduce the waste to landfill that your company emits as they are 100% Biodegradable
- BioEir Filters will provide your company with a real Co2 credit through the incineration of the filter
- BioEir filters will provide lower greenhouse gas; only  $.61\text{kgCO}_2 / \text{kg}$  when compared to other standard filters at between  $1.6\text{-}2.2\text{kg Co}_2 / \text{Kg}$
- BioEir Filters have no VOC and provide low residue when incinerated
- All BioEir filter offers Greenhouse gas savings equivalent to driving a new vehicle 228Km
- BioEir filters come from renewable sources
- Providing genuine carbon credits from incineration and ensures no greenwashing.

### Product Benefits/Advantages

- 100% Biodegradable
- Lower initial pressure drop
- 21% lower energy consumption or 63 euro per filter p/a
- ISO16890, EN779, ASHRAE 52.2
- Same investment in filtration delivers lower energy consumption



**Irish Manufactured - Locally Sourced - Sustainable Supply - Lower Carbon Footprint**