



BiomiTech

GREEN TECHNOLOGY INSPIRED BY NATURE

OUR MISSION
ABSORBE HUMAN-GENERATED POLLUTION
AND TRANSFORM IT INTO OXYGEN.



CONTEXT

The World health organisation estimates that air pollution causes around 7 million premature deaths every year!

OUR SOLUTION

At Biomitech, to address this major environmental problem, we combine biomimetism and technology to develop intelligent carbon sinks that reduce the polluting emissions from cities and industries.



THE ENVIRONMENTAL OBJECTIVES OF THE BIOMITECH COMPANY:

Install air purification systems and combat pollution in urban areas. our breakthrough innovations are based on micro-algae and designed with the aim of transforming various polluting compounds such as carbon monoxide, nitrogen, and CO₂ into oxygen and biomass through the process of photosynthesis.

OUR TECHNOLOGY ABSORBS UP TO 85% OF PARTICLES IN THE AIR AND ALLOWS US TO CAPTURE AN IMPRESSIVE QUANTITY OF CONTAMINANTS



Emission reduction

CO2	- 80%
NOx	- 45 %
SO2	- 80 to 95%
PM 2,5 &10	- 90 to 95%

Results of a test carried out by an independent control office with a HIB prototype under development



High Impact Biofilter Range: can directly filter emissions from large-scale industrial processes that produce a high volume of pollution. The **objectives** we have for this type of installation are to **treat 1 to 25 tonnes of emissions per hour and per module** , with a lower cost than current market solutions. The biomass thus generated is able to create a circular economy thanks to the production of biogas by methanization and green biohydrogen.









HIB
High Impact Biofilters





BioUrban Range: usable indoors or outdoors in public areas such as airports, universities, metro stations, shopping centers... as well as in the middle of the traffic.

	Installation	features
<p>BioUrban 1.0</p> 	<p>Specially designed for interiors, its aim is to transform pollutants, such as carbon monoxide and fine particles.</p>	<p>Height: 70,86 inches Diameter: 13,68 inches Air treatment: 255 m³/h</p>
<p>BioUrban 2.0</p> 	<p>Can be used indoors or outdoors this model was the first produced installed in real conditions in places open to the public as well as in the middle of the traffic.</p>	<p>Height: 165 inches Diameter: 94 inches Air treatment: 1 800 m³/h</p>
<p>BioUrban 2.5</p> 	<p>Can be used indoors or outdoors this model can be covered with different coverings (wood, metal, etc.) in order to be able to integrate into any decor.</p>	<p>Height: 177 inches Diameter: 106 inches Air treatment: 6 000 m³/h</p>
<p>BioAds 2.0</p> 	<p>This model is in the development and testing phase. Can be used indoors and outdoors with advertising and communications space on 2 x 78 square meter LCD screens</p>	<p>Height: 104 inches Side square: 47 inches Air treatment: 6 000 m³/h</p>

URBAN & INDUSTRY

ONE
TECHNOLOGY
2 MARKETS

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