

# **FREYTECH** INC.

## **DECARBONIZE & MONETIZE**

**Bioremediate and eliminate Greenhouse Gases (GHG) in any location, in any application, in real time, on a long-term basis using Environmental Balance Device (EBD) Technology.**

1. Certified by the Ministry of Science and Innovation of Spain.
2. Approved for use by the State of Wisconsin, USA.
3. Up to 98% GHG elimination according to sector and location.
4. Highly scalable.
5. Low Cost.
6. Service life of EBD equipment exceeds 15+ years.
7. Easy to install within hours.
8. No electricity, filters, chemicals or other consumables required.
9. Certified safe to use by Florida International University (USA).

## **EBD = CLIMATE SOLUTION**



**EBD Space Odor**



**EBD Soil Pack**



**EBD Mud Pack**

Our Technology is called Environmental Balance Device (EBD).

**What it is:** It is readily deployable equipment that eliminates greenhouse gases. This equipment provides companies with the physical means to affordably generate their own carbon credits (CO<sub>2</sub>e) thus providing additional revenue streams. EBD Systems eliminates up to 98 % of direct and indirect Greenhouse gases from any location, on an ongoing and long-term basis. As the gases are being generated, EBD is bioremediating, degrading and eliminating them. It is already in operation in a number of countries in various applications and sectors on an industrial scale. **EBD technology was Certified by the Ministry of Science and Innovation of Spain** in 2023 as well as by the National Scientific Research Council (CSIC) of Spain to be effective in eliminating greenhouse and ammonia emissions. The State of Wisconsin has approved its use and Florida International University in the USA has also certified EBD equipment to be safe to use.

**What it does:** Harnessing Earth's energy fields as a power source, EBD systems cause unstable and oxidizing oxygen known as "Reactive Oxygen Species" (ROS) which is present in high concentrations in contaminated areas, to stabilize in air, water, and soil. The ongoing continuous conversion process from unhealthy, oxidizing, and destructive oxygen to stabilized, healthy oxygen is achieved at the molecular level and has a very positive effect on native microorganisms already present in the contaminated air, water, and soil. EBD also enhances the resonance of matter located within the EBD treatment zone. Resonance optimization combined with healthy oxygen triggers exponential native microbial growth and specialized enzymatic production enabling the breakdown of the greenhouse gas molecules converting them into simpler and harmless elements. EBD also functions as an exceptionally effective bad odor elimination tool improving air quality and public health.

**Applications:** EBD units fit in the palm of the hand (see above photos) and are easily installed around the outer perimeter of any GHG emitting location. Working in unison, they cause the biodegradation and elimination of GHG including, but not limited to, Methane (CH<sub>4</sub>), Hydrogen Sulfide (H<sub>2</sub>S), Carbon Dioxide (CO<sub>2</sub>), Nitrous Oxide (N<sub>2</sub>O), Ammonia (NH<sub>3</sub>), in open space areas such as in oil fields, oil wells, landfills, wastewater treatment plants and oxidizing lagoons, as well as in enclosed areas such as in manufacturing facilities, industrial plants, oil refineries, farm animal housing facilities, public restrooms, food processing plants, municipal buildings, etc.

**Consumables and Service Life:** EBD systems do not use electricity, chemicals, filters, or any other consumables and have a service life exceeding 15 years.

EBD technology helps achieve net zero by 2050 because it is installed quickly (in hours not months), at low cost, anytime, anywhere, in any polluting sector and location automatically going to work eliminating GHG. No infrastructure is required, and it is effective even when buried in the ground around the outer perimeter of outdoor areas and facilities emitting GHG.

EBD complies with EU Regulation 2018/842 of the European Parliament and of the Council of 30 May 2018 on binding annual greenhouse gas emission reductions by Member States.