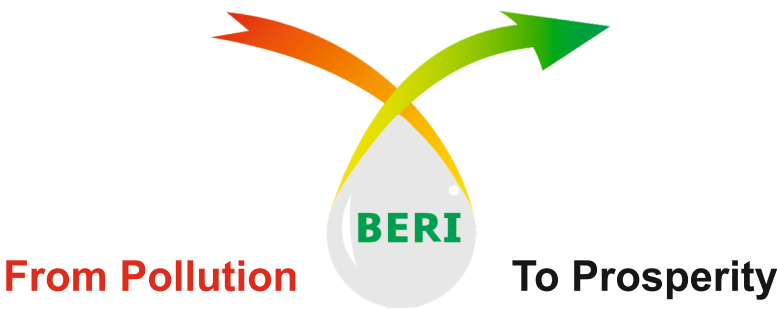


Turning Pollution into Renewable Energy

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Water Treatment

- Treatment of groundwater by placing BioSanitizer in a well, bore well or first water tank.
- Treated water resists scaling, corrosion or biofouling; as well as re-contamination with inorganic, organic or bio-pollutants.
- Whole water circuit gets bio-sanitized, even sewage gets treated while flowing in the sewers and conventional septic tank does the finishing work.
- Produces organic water that becomes a resource for the garden and also helps us in groundwater recharge.

Treatment of Fossil Fuels

- Fossil fuels are generated in polluted atmosphere; hence generate air pollution, when burnt.
- BioSanitizer Ecochips are used to upgrade fossil fuels (or polluted natural oils/fuels) to produce ‘green fuels that generate no pollutants and produce higher bio-energy during combustion.

Eco-Refrigeration and Air Conditioning

- Salts can be deployed to get cooling effect and demineralized water. GHGs are also sucked from the air.
- Cooling towers are suitable contact devices for this application.
- This method also presents an alternative to use of chemicals for control of scale, corrosion and bio-fouling in cooling towers.

Rainfall Quantity and Quality Management

- Rain quantity and quality is controlled by air quality.
- Excessive air pollution shuts off the rain.
- Good air quality produces good quality rain.
- Good quality rain has higher ability of rainwater infiltration in the soil.

Abstract

- Only green plants can convert inorganic and organic pollution, heat and GHGs from air, into renewable energy (bio-carbon).
- Using any other process (that does not carry out all these functions) will not be sustainable. They leave behind half-done jobs that pose more challenges to us.
- BioSanitizer Ecochip helps us harness high-speed, invisible, broadband plant life.
- These plants need no human help and work at very high speed if pollution and warmth is available, converting pollution into renewable energy and oxygen.



100 mg Ecochips = 1 acre of Biodiversity-Rich Forest

Treatment of Saline and Brackish Water

- Groundwater, sea water or some industrial wastewaters pose this challenge.
- BioSanitizer uses inorganic pollution and Greenhouse Gases with warmth, to produce organic water/air and active oxygen.
- When salts are treated (utilized), even rock particles, silt or sludge can be utilized.

Treatment of Solid Wastes

- BioSanitizer Ecochips are first used to treat water or wastewater.
- Treated water is sprayed on polluting solid wastes, to convert them into organic fertilizers that become a resource for organic farming.

Treatment of Solid Fuels/Sludge

- BioSanitizer Ecochips are first used to treat polluted oils.
- Treated oil is sprayed on polluting fuels/sludge, to convert them into green fuels that produce more calories and less pollution.

Special Features of BioSanitizer Ecochip Technology

- Long life, high-speed, broadband bio-catalyst, developed ‘in collaboration with Nature’ that has 5 billion years of evolutionary experience in handling most hazardous forms of pollution.
- Utilizes and reduces all sorts of pollution, no separation and disposal.
- Operates by itself, without any human help.
- Hence no operating expenses.
- Self-improving, resource-generating technology.
- Useful in resource conversion and disaster management

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