

You Name The Pollution We Have The Solution.



MAK's Integrated, Patented Solution for all Pollution

As the Founder and Chairman of MAK India Limited, I, Manickam Athappa Kounder (MAK), proudly present to the world a field-proven, patented, and world-first technology to eliminate all forms of environmental pollution. Fully developed in India in collaboration with **The Nation's Premier R&D Institutions—DRDO, CSIR, and SITRA**—these solutions align with the Hon'ble Prime Minister's vision of Make in India and Atmanirbhar Bharat.



DRDO



CSIR



SITRA

Our Proven Pollution Control Solutions:

ABD Bio Septic Tanks (MAK+DRDO) – ABD ST

- For homes, small establishments, and institutions (up to 100 users)
- Anaerobic Bacterial Digestion (ABD) with no power, no maintenance, and 100+ years life
- A patented global innovation, Single Mould Concrete Tanks.

Municipal Solid Waste Management System (MSMS)

- Eliminates all solid waste within 24 hours of receipt
- Scalable, odor-free, energy-efficient, and modular
- Suitable for urban local bodies, town panchayats, and smart cities
- Meets ZLD, ZAP, ZD, Waste to Wealth, Waste to Energy, and Waste to Zero Waste

Salt-Free Leather Preservation and Tanning

- A game-changing solution to eliminate bad smell pollution in the leather tanning industry
- Protects river ecosystems and restores groundwater safety
- Compliant with global standards for sustainable leather production

Hybrid STP/FSTP with ABD + Ozone Purification

- Merges DRDO's anaerobic chambers with CSIR's ozone treatment
- No sludge, no power for treatment (Power used only for pumping needs) – Saves huge power
- Produces clean, safe, and reusable water for gardening, flushing, and all industrial use
- Operates with 50% lower OPEX than conventional systems

Salt-Free Textile Dyeing

- Developed in collaboration with SITRA
- Eliminates salt discharge, reduces effluent load, and enables zero liquid discharge (ZLD)
- Make textile industries eco-compliant and sustainable

Poultry Litter Evacuation and Instant CBG Processing System

- Patented system for daily collection, slurry conversion, and CBG (compressed biogas) generation
- Eliminates foul smell, housefly menace, bird flu risk, and ammonia pollution
- Convert waste to wealth through renewable energy and organic manure
- Healthy birds and healthy neighborhood. Ideal for integrated farming systems

**“Clean Ground,
Lake and River
Water”**

These technologies are not concepts — they are field-tested, scalable, and ready for global deployment.