



Purify. Partner. Perform.

Coconut Shell Activated carbon solutions
for a cleaner, circular tomorrow.



We begin with matter the world leaves behind.
And we shape it—grain by grain—into something
precise, reliable, and ready to work.

At Carbonmax, we don't just purify.
We build quiet partnerships with industries that keep the
world turning. We design for long runs, tight thresholds, and no
surprises.

Whether it's gold from ore, clarity from water,
or breath from air we show up where it matters most.
Consistent. Responsible. Uncompromising.
Because clean isn't a claim.
It is our responsibility

Industrial clients

150+



Industry verticals

5 core





THE FIRST PRINCIPLE

Matter.
Measured.
Made Right.

WHY WE EXIST

Not to just purify, but to regenerate.

From waste to worth. From raw to responsible.
From carbon to clarity. In nature, nothing is wasted. What falls becomes fuel; what fades becomes form. At CarbonMax, we follow that principle - not just to purify, but to regenerate. We turn discarded coconut shells into activated carbon, and with it, deliver the invisible work of purification to industries that shape our world. What drives us is simple: we believe every industry can, and should, embrace a model where circularity and performance coexist.

Water. Air. Gold. Pharma. Energy. Each cleaner because of what we do. Not because we must - but because we believe it's time industry aligned with ecology.

Industrial clients

150+



Industry verticals

5 core



Countries served

20+



Renewable Feedstock

100%





THE CARBON CRAFT

Precision in
every particle.
Purpose in
every process.

OUR WAY OF WORKING

The Chemistry of Clean

Clean is not just an outcome. It's our ethos. At every stage, from soil to steam to science, we infuse integrity, precision, and respect; this embodies our ethos. We engineer every process to reflect integrity, from the flue gas loop to fuel our rotary kilns, steam that activates our carbon, or the zero-discharge closed water loop that runs quietly beside it.

Every granule of carbon we produce is a result of restraint and respect for the material, for the environment, and for the trust our clients place in us.



Soil-to-Stakeholder

Traceability

We partner with 200+ smallholder farmers in 10+ community groups for fair pricing, sustainable harvesting, and full traceability.



Low-Impact Processing

Our kilns use 100% waste-heat recovery and biomass fuel-reducing fossil energy use by 30%. A closed-loop, zero-liquid-discharge system recycles 80% of processing water.



Ethos in Action

Replicable process: "SMART" labels track batch performance daily, and monitoring ensures real-time control.



Quality Control

Our ASTM-compliant lab, conduct seven-parameter Purity Audits (moisture, pH, ash, iodine number, methylene blue, ash leachate, heavy metals).

Pipeline certifications ISO 9001, ISO 14001, NSF/ANSI 61, REACH, Halal, Kosher





HOW WE MAKE IT HAPPEN

Backward
Integrated.
Forward
Thinking.

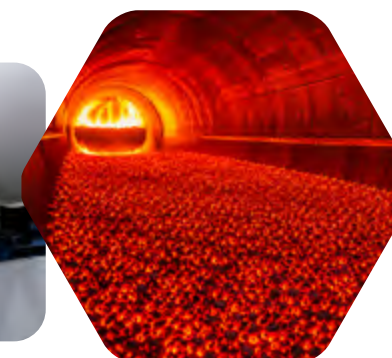


WHERE IT HAPPENS

Built to Perform. Powered by Precision.

At Dharapuram, Tamil Nadu, India our plant operates not just with machines but with meticulousness. Kilns controlled by PLCs hold activation temperatures within $\pm 2^\circ\text{C}$ for uniform pore development. A linear-flow setup cuts material handling time by 25 %, reducing energy use and boosting through design lets capacity scale from 8,000 MT/yr to 12,000 MT/yr in weeks with no compromise on quality. In-House Testing & Validation, ASTM-compliant lab, staffed by 30+ technicians and chemists, conduct up to 300 daily tests at peak.

Key protocols: This isn't scale for its own sake — it's design for sustained output, consistent quality, and safety that never takes a day off.



Supply Integrity

6 Months of raw material stock 100% Coconut Shell Feedstock processed within 6 months of harvest, preserving raw material integrity.



Scalable Infrastructure

8,000 MT/annum Capacity, expandable as demand grows.



Advanced Pore testing lab

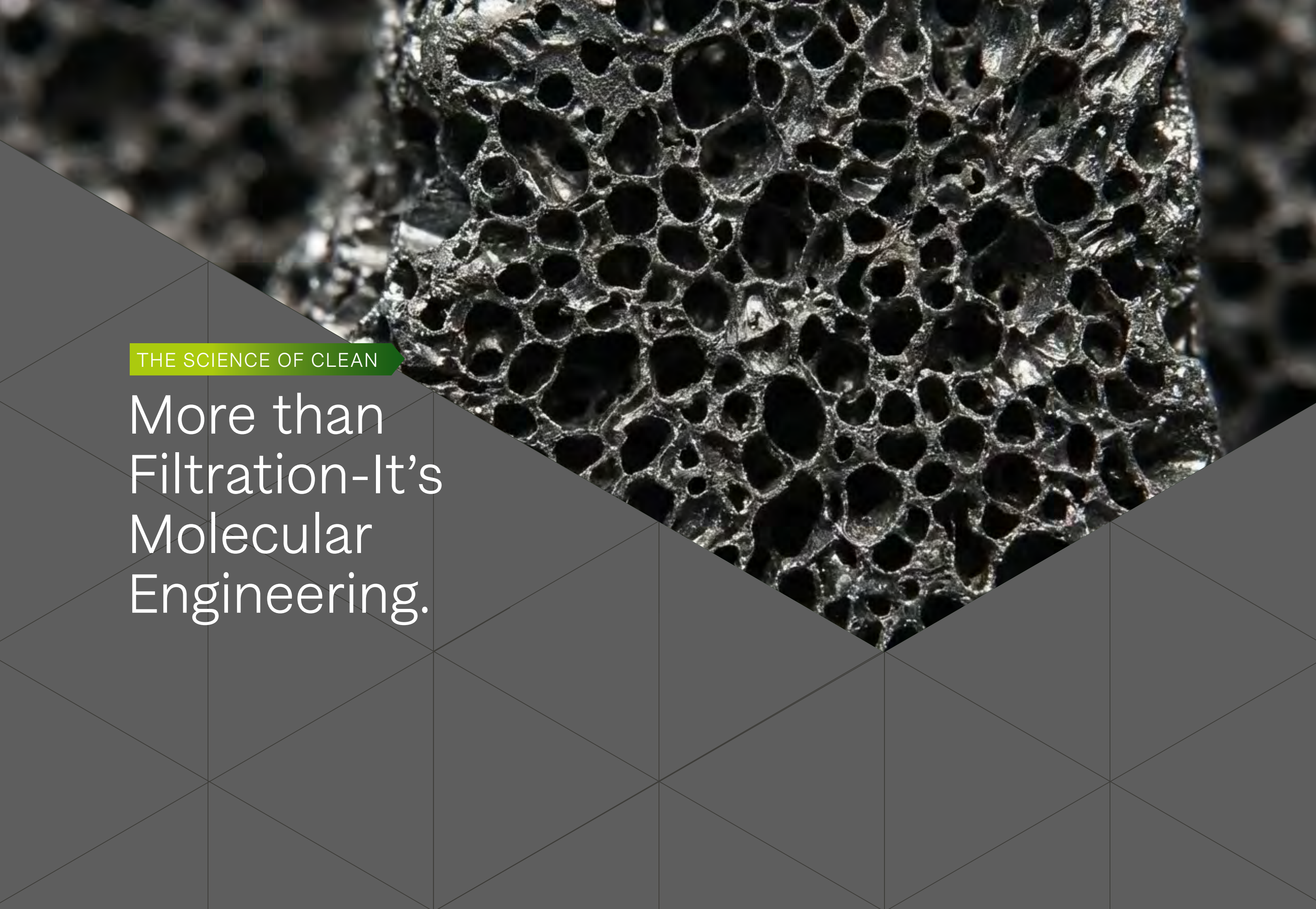
30+ technicians and chemists running up to 30 tests per day during peak seasons.



Global Supply Chain

20 Channel partners and 4 strategic warehouses in 3 Continents



A close-up, high-magnification photograph of a dark, porous material, likely activated carbon or a similar filtration medium. The surface is covered in a dense network of irregular, interconnected pores and channels, creating a complex, honeycomb-like texture. The lighting highlights the rough, granular edges of the pores, while the interiors are deep shadows. The background is blurred, showing more of the same material.

THE SCIENCE OF CLEAN

More than
Filtration-It's
Molecular
Engineering.



WHAT WE MAKE POSSIBLE

Carbon That Works Harder, So the Planet Doesn't Have To.

Our products aren't defined only by iodine numbers or adsorption rates, they're defined by performance over time. Water purification. Air remediation. Gold recovery. Food-grade safety. Each application demands precision. We answer with grades tailored to match.

In granular, powdered, and pellet forms - we don't sell SKUs, we solve problems.



GoldMAX™

Optimized Activated Carbon for Maximum Recovery.



AquaMAX™

Activated Carbon for Drinking Water and Wastewater Treatment



AeroMAX™

Activated Carbon for Air & Gas Purification



FoodMAX™

Activated Carbon for Food, Beverage & Edible Oil Purification



PharMAX™

Activated Carbon for Pharmaceutical & Fine Chemical Applications



EnergiMAX™

Activated Carbon for Supercapacitor and Battery Applications



Granular Activated Carbon



Fine Activated Carbon



Powdered Activated Carbon



Washed Activated Carbon



Custom Activated Carbon



BUILT TO PARTNER

Precision
Support.
Global Scale.
Enduring
Trust.

WHOM WE WORK WITH

Solutions Start with Listening.

Our products do not just arise out of opportunity, but a deeper sense of purpose and collaboration. Questions are more important than answers, we question and listen and articulate with our clients and their needs. Our teams engage early, with engineers, chemists, and procurement heads, to map use cases, test samples, and fine-tune specs.

With global deliverability and deep regional understanding, we combine the scale of an industrial supplier with the attentiveness of a research lab. We solve problems.

Collaborative Engagement Model

We deeply collaborate with your process engineers and chemists for an online co-development and to understand the use case for custom development.



Pilot & Iterate

Based on your feedback, we dispatch a Pilot Pack (20 kg sample) for your on-site trials. Our technical team can assist you with by conducting performance tests, tracking breakthrough curves, and logging performance data.



Data-Driven Refinement

Purity Score Analysis: We adjust pore structure, ash content, or impregnation levels, then run another trial-iterating until we hit your exact performance band ($\pm 3\%$).



Global & Regional Footprint

20+ Countries Served: Operating in Asia, Africa, Europe, and North America.

Regional Warehouses & Partners: Strategic warehouses in Dubai, Rotterdam, and Singapore



"In filtration or recovery, we don't push product. We refine fit. CarbonMax's collaborative approach turned what we thought was a commodity purchase into a strategic partnership."

- Mahesh, Managing Director



WHAT DRIVES US

Built on
Purpose.
Driven by
Stewardship.



WHY IT MATTERS

Every granule carries a promise.

To clean water. To breathable air. To smarter mining. To rural income. To scientific integrity. This is not a commodity business. It's a clarity business. Each ton we produce is backed by data: emission savings, water reusability, and rural income generating Circular Feedstock & Emission Reductions. We envision a world where industry doesn't just clean up after itself—but leaves behind something better.

CarbonMax is committed to the circular economy, and we aim to lead by example. We invest in renewable energy integration, support rural communities, and operate with environmental transparency.

Net Zero

Energy Efficiency:
Our waste-heat recovery system powers 100% of our steam activation, cutting process CO₂ by 30% (vs. conventional plants).



Green Energy

Net-Zero Roadmap by 2030:
We aim to source 30% of our power from by FY 2026, achieving a 50% overall emissions reduction by 2028 on.



Zero Liquid Discharge

Closed-loop
"Zero Liquid Discharge" system recycles 80% of processing water, meeting or exceeding local environmental regulations.



Community & Social Impact

200+ Smallholder Partners:
We guarantee fair trade pricing, micro-financing support, and agricultural training, raising farmers' incomes by an average of 15% year over year.



Smart Label

Data-Driven Transparency:
100% raw material traceability "Smart Label" on each batch.





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