

COMPANY PROFILE



**Activated
Carbon
Indonesia**



**Activated
Carbon
Indonesia**



**100%
Indonesia
Origin**

**100%
Indonesia
Coconut-Based
Material**

**100%
Indonesia
Premium Quality
Standard**



Content

01
Who We Are and
What We Do

02
Our Integrated
Capabilities

03
Global Distribution
Network

04
ABR Group
in Numbers

05
Indonesia Activated
Carbon Products

06
Ethics and
Compliance



Who We Are and What We Do

Alam Bumi Resources Group (PT. Alam Bumi Sumberdaya), part of Straits Group International Resources Pte. Ltd. in Singapore, operates within an integrated supply network specializing in coconut-based industrial and consumer products.

We manage a structured sourcing, processing, and distribution network across Indonesia, ensuring consistent supply, controlled quality, and scalable delivery.

Our portfolio covers a wide range of coconut-derived products, serving diverse industries across both domestic and international markets.



Our Integrated Capabilities



Our operations are structured across a fully integrated value chain:

1. Raw Material Sourcing

Direct sourcing of coconut-based raw materials from key producing regions across Indonesia, ensuring consistency and availability.

2. Supply Network Integration

Coordination with verified suppliers and processing partners to maintain scalable and stable supply capacity.

3. Primary Processing

Initial processing including drying, extraction, carbonization, fiber separation, and other product-specific treatments.

4. Product Processing & Standardization

Refining, grading, sizing, and customization according to international specifications and buyer requirements.

5. Quality Control System

Continuous monitoring, laboratory testing, and batch validation to ensure product consistency and compliance.

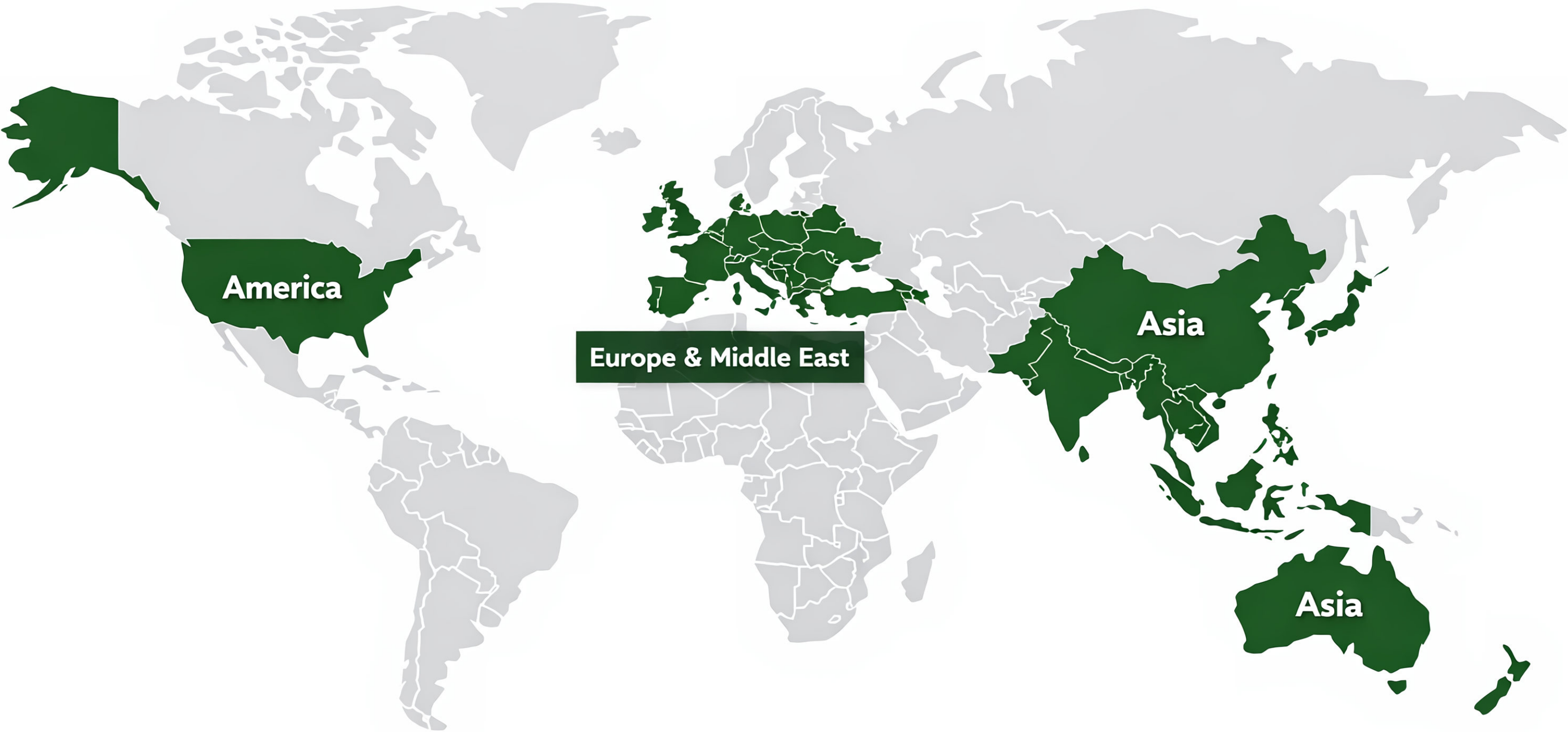
6. Packaging & Export Handling

Handling of bulk and retail packaging, container loading, and export documentation in accordance with international standards

7. Global Distribution Network

Efficient distribution to both domestic and international markets, supported by a well-coordinated logistics system and reliable delivery network.

A Global Distribution Network reaching over 30 countries, across all continents Coverage across Asia, Middle East, Europe, and America



ABR Group in Numbers



Supply Capacity
50.000+ mt



*Active Suppliers
& Farmers*
150+



Employees
1.000+



*Global Distribution
Countries*
30+



Export Shipment
2.000+



Indonesia Activated Carbon Products



Granular Activated Carbon
(GAC)



Powdered Activated Carbon
(PAC)



Pelletized Activated
Carbon



Gold Recovery Carbon
(CIP/CIL Grade)



Water Treatment
Carbon



Air & Gas Purification
Carbon



Food Grade Activated
Carbon



Industrial Grade Activated
Carbon





Granular Activated Carbon (GAC)

Granular Activated Carbon (GAC) derived from coconut shell is a premium carbon material produced through controlled carbonization and steam activation processes. Compared to other raw materials, coconut-based activated carbon offers superior mechanical strength, well-developed microporous structure, and high adsorption efficiency. This product is specifically engineered to meet demanding industrial requirements, ensuring consistent performance in filtration, purification, and recovery applications across various sectors.

Characteristics

- Adsorption Capacity:** High (Iodine Value up to 1000+ mg/g)
- Hardness:** High mechanical strength with low attrition
- Porosity:** Well-developed microporous structure for optimal adsorption
- Purity:** Low ash content for enhanced performance
- Performance:** Stable and consistent across industrial applications

Specification

- Mesh Size:** 4x8 / 6x12 / 8x30 / Customized
- Moisture:** Max 5%
- Ash Content:** Low (<5%)
- Iodine Number:** 800 - 1100 mg/g
- Packaging :** 25kg bag / Jumbo bag / Custom

Description Scheme

- Raw Material :** Coconut Shell (Indonesia origin)
- Processing Method:** Carbonization & Steam Activation Application: Water treatment, mining, air purification
- Production Area:** Indonesia
- Quality Control:** Lab tested & batch controlled
- Usage Type:** Industrial & commercial application
- Export Standard:** International specification compliance

Powdered Activated Carbon (PAC)

Powdered Activated Carbon (PAC) derived from coconut shell is a fine carbon material produced through controlled carbonization and steam activation. With its high surface area and fast adsorption performance, PAC is widely used for liquid purification, decolorization, odor removal, and various industrial treatment processes. It is designed to deliver efficient and reliable performance for commercial and industrial applications.

Characteristics

Adsorption Capacity: High and efficient for rapid treatment
Particle Size: Fine powder for fast contact and dispersion
Porosity: Microporous structure for effective adsorption
Purity: Low ash content for stable performance
Performance: Consistent and reliable in purification applications

Spesification

Mesh Size : 100 / 200 / 325 / Customized
Moisture : Max 5%
Ash Content : Low (<5%)
Iodine Number : 800 – 1100 mg/g
Packaging : 25kg bag / Jumbo bag / Custom

Description Scheme

Raw Material : Coconut Shell (Indonesia origin)
Processing Method : Carbonization & Steam Activation
Application : Water treatment, food processing, chemical purification
Production Area : Indonesia
Quality Control : Lab tested & batch controlled
Usage Type : Industrial & commercial application
Export Standard : International specification compliance





Pelletized Activated Carbon

Pelletized Activated Carbon derived from coconut shell is a high-density carbon material produced through controlled carbonization, steam activation, and pellet forming processes. Designed for gas-phase and air purification applications, this product offers excellent mechanical strength, low pressure drop, and long service life, ensuring stable and efficient performance in industrial systems.

Characteristics

- Adsorption Capacity:** High efficiency for gas and vapor adsorption
- Hardness:** Superior mechanical strength with minimal dust formation
- Shape:** Uniform cylindrical pellets for optimal airflow
- Porosity:** Microporous structure for effective adsorption
- Performance:** Long-lasting and stable in continuous operation

Spesification

- Pellet Diameter :** 3 mm / 4 mm / Customized
- Moisture :** Max 5%
- Ash Content :** Low (<5%)
- Iodine Number :** 800 – 1100 mg/g
- Packaging :** 25 kg bag / Jumbo bag / Custom

Description Scheme

- Raw Material :** Coconut Shell (Indonesia origin)
- Processing Method :** Carbonization, Steam Activation & Pelletizing
- Application :** Air purification, gas treatment, industrial filtration
- Production Area :** Indonesia
- Quality Control :** Lab tested & batch controlled
- Usage Type :** Industrial & commercial application
- Export Standard :** International specification compliance

Gold Recovery Carbon (CIP/CIL Grade)

Gold Recovery Carbon (CIP/CIL Grade) derived from coconut shell is a high-performance activated carbon specifically engineered for gold adsorption in mining operations. Produced through controlled carbonization and steam activation, this carbon offers exceptional hardness, optimized pore structure, and high adsorption capacity, ensuring efficient gold recovery and minimal carbon loss in CIP and CIL processes.

Characteristics

- Adsorption Capacity:** High gold adsorption efficiency (high iodine value)
- Hardness:** Excellent mechanical strength with low attrition loss
- Porosity:** Optimized microporous structure for gold adsorption
- Purity:** Low ash content for enhanced recovery performance
- Performance:** Stable and consistent in CIP/CIL operations

Spesification

- Mesh Size :** 6x12 / 8x16 / Customized
- Moisture :** Max 5%
- Ash Content :** Low (<5%)
- Iodine Number :** 900 – 1100 mg/g
- Packaging :** 25 kg bag / Jumbo bag / Custom

Description Scheme

- Raw Material :** Coconut Shell (Indonesia origin)
- Processing Method :** Carbonization & Steam Activation
- Application :** Gold recovery (CIP/CIL), mining industry
- Production Area :** Indonesia
- Quality Control :** Lab tested & batch controlled
- Usage Type :** Industrial & mining application
- Export Standard :** International specification compliance



Water Treatment Carbon

Water Treatment Carbon derived from coconut shell is a high-performance activated carbon designed for efficient removal of impurities in water treatment systems. Produced through controlled carbonization and steam activation, this carbon features a well-developed microporous structure, ensuring excellent adsorption of chlorine, organic compounds, and contaminants, delivering clean and safe water across industrial and commercial applications.

Characteristics

- Adsorption Capacity:** High efficiency for removing chlorine, odor, and organic impurities
- Hardness:** Strong mechanical durability with low attrition
- Porosity:** Well-developed microporous structure for optimal filtration
- Purity:** Low ash content for enhanced water quality
- Performance:** Stable and consistent in continuous filtration systems

Spesification

- Mesh Size :** 8x30 / 12x40 / Customized
- Moisture :** Max 5%
- Ash Content :** Low (<5%)
- Iodine Number :** 800 – 1100 mg/g
- Packaging :** 25 kg bag / Jumbo bag / Custom

Description Scheme

- Raw Material :** Coconut Shell (Indonesia origin)
- Processing Method :** Carbonization & Steam Activation
- Application :** Water filtration, wastewater treatment, drinking water purification
- Production Area :** Indonesia
- Quality Control :** Lab tested & batch controlled
- Usage Type :** Industrial & commercial application
- Export Standard :** International specification compliance





Air & Gas Purification Carbon

Air & Gas Purification Carbon derived from coconut shell is a high-performance activated carbon specifically designed for gas-phase and air purification systems. Produced through controlled carbonization and steam activation, it features a highly developed microporous structure, enabling effective removal of odors, VOCs, and harmful gases, ensuring clean and safe air in industrial and commercial environments.

Characteristics

- Adsorption Capacity:** High efficiency for VOCs, odors, and harmful gases
- Hardness:** Strong mechanical durability with low dust formation
- Porosity:** Optimized microporous structure for gas-phase adsorption
- Purity:** Low ash content for stable performance
- Performance:** Consistent and reliable in continuous air filtration systems

Spesification

- Mesh Size :** 4x8 / 4x10 / 6x12 / Customized
- Moisture :** Max 5%
- Ash Content :** Low (<5%)
- Iodine Number :** 900 – 1100 mg/g
- Packaging :** 25 kg bag / Jumbo bag / Custom

Description Scheme

- Raw Material :** Coconut Shell (Indonesia origin)
- Processing Method :** Carbonization & Steam Activation
- Application :** Air purification, gas treatment, odor control
- Production Area :** Indonesia
- Quality Control :** Lab tested & batch controlled
- Usage Type :** Industrial & commercial application
- Export Standard :** International specification compliance



Food Grade Activated Carbon

Food Grade Activated Carbon derived from coconut shell is a high-purity carbon material specifically designed for food and beverage processing applications. Produced through controlled carbonization and steam activation, it ensures effective removal of color, odor, and impurities while maintaining safety and compliance with food-grade standards, delivering consistent and reliable performance in sensitive processing environments.

Characteristics

- Adsorption Capacity:** High efficiency for decolorization and purification
- Purity:** High purity with very low ash and contaminants
- Porosity:** Well-developed microporous structure for optimal adsorption
- Safety:** Suitable for food and beverage processing applications
- Performance:** Stable and consistent in industrial food processing

Spesification

- Mesh Size :** Powder / 100 / 200 / Customized
- Moisture :** Max 5%
- Ash Content :** Low (<5%)
- Iodine Number :** 800 – 1100 mg/g
- Packaging :** 25 kg bag / Jumbo bag / Custom

Description Scheme

- Raw Material :** Coconut Shell (Indonesia origin)
- Processing Method :** Carbonization & Steam Activation
- Application :** Food processing, beverage purification, decolorization
- Production Area :** Indonesia
- Quality Control :** Lab tested & batch controlled
- Usage Type :** Food & industrial application
- Export Standard :** Food-grade & international specification compliance



Industrial Grade Activated Carbon

Industrial Grade Activated Carbon derived from coconut shell is a versatile carbon material designed for a wide range of industrial purification and filtration applications. Produced through controlled carbonization and steam activation, it offers strong mechanical durability, well-developed porosity, and reliable adsorption performance, ensuring consistent efficiency across various industrial processes.

Characteristics

- Adsorption Capacity:** High efficiency for industrial contaminants removal
- Hardness:** Strong mechanical strength with low attrition
- Porosity:** Well-developed microporous structure for optimal adsorption
- Purity:** Low ash content for stable and reliable performance
- Performance:** Consistent across diverse industrial applications

Spesification

- Mesh Size :** 4x8 / 6x12 / 8x30 / Customized
- Moisture :** Max 5%
- Ash Content :** Low (<5%)
- Iodine Number :** 800 – 1100 mg/g
- Packaging :** 25 kg bag / Jumbo bag / Custom

Description Scheme

- Raw Material :** Coconut Shell (Indonesia origin)
- Processing Method :** Carbonization & Steam Activation
- Application :** Industrial filtration, chemical processing, air & water treatment
- Production Area :** Indonesia
- Quality Control :** Lab tested & batch controlled
- Usage Type :** Industrial & commercial application
- Export Standard :** International specification compliance

Ethics & Compliance

How We Maintain High Standards?

Alam Bumi Resources is committed to conducting its operations in an ethical, legal, environmentally responsible, and socially sustainable manner. Our business is built upon an integrated supply network across Indonesia, ensuring responsible sourcing, controlled processing, and reliable distribution. We continuously strengthen our governance framework to align with international standards and long-term sustainability principles.

01

Supplier Code of Conduct

We require all suppliers and partners to operate in accordance with ethical, legal, and responsible business practices.

Our Supplier Code of Conduct outlines expectations covering

- Ethical sourcing and procurement
- Compliance with labor and human rights standards
- Environmental responsibility in operations
- Transparency and accountability in business conduct

We work closely with our partners to ensure these standards are consistently upheld across the supply chain.

02

Responsible Sourcing Commitment

We are committed to maintaining a supply chain free from unethical practices, including forced labor, child labor, and unsafe working conditions.

Our sourcing approach emphasizes:

- Responsible supplier selection and evaluation
- Ongoing monitoring of supplier practices
- Alignment with international labor and human rights standards

We aim to ensure that all materials are sourced responsibly and sustainably.

03

Environmental & Social Responsibility

We are dedicated to minimizing environmental impact while supporting sustainable industry practices.

Our commitments include:

- Promoting the use of renewable coconut-based resources
- Supporting local supplier communities and economic development
- Reducing environmental footprint through efficient processing
- Ensuring compliance with applicable environmental regulations

We continuously integrate sustainability considerations into our operational and business strategies.

Be Part of Our Global Network

We guarantee the best quality at the most competitive prices.

Request our free samples now!





Thank You

Indonesia

PT. Alam Bumi Sumberdaya

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