# We Do Bamboo

## Industrial Bamboo Raw Materials from Kenya

*Reliable supplier of chips, powder, slats, and treated poles.*


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Sustainable

Eco-Friendly

Renewable

Locally-Sourced

# About We Do Bamboo

We Do Bamboo is a vertically integrated supplier of industrial-grade bamboo raw materials serving global manufacturers in composites, engineered products, polymers, textiles, and bio-based industries. From our sourcing regions across Kenya to our processing facility in Nairobi, we operate a controlled, traceable supply chain that ensures consistent quality from farm to export. By working directly with smallholder farmers, we deliver stable supply volumes, transparent documentation, and certified processing standards.

**From Farmers to Factory**
Our sourcing model connects Kenyan bamboo farmers to modern industrial applications. Bamboo is harvested, graded, dried, milled, or split according to strict protocols, ensuring moisture control, particle consistency, and dimensional accuracy across every batch. Each shipment is supported by batch testing and a Certificate of Analysis.

**Sustainability at Scale**
Bamboo grows rapidly, restores degraded land, and sequesters carbon at high rates. By converting this regenerative resource into high-value raw materials, we help industries reduce reliance on timber and fossil-based inputs while supporting rural livelihoods in Kenya.



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# Why Kenya for Natural Fibres

**Premium Species**
Kenya’s climate supports high-quality bamboo species such as Bambusa vulgaris, and Dendrocalamus asper, valued for their long fibres, low lignin content, and strong performance in industrial applications.

**Established Farmer Network**
We source from a reliable network of trained smallholder farmers across multiple Kenyan counties, ensuring consistent supply volumes and predictable year-round harvest cycles.

**Rapid, Regenerative Resource**
Bamboo matures in 3–5 years, regenerates without replanting, restores degraded land, and sequesters high levels of carbon, making Kenya ideal for climate-positive fibre production.

**Strategic East African Hub**
Kenya offers efficient logistics and a modern port infrastructure, providing global industries with a dependable hub for large-scale natural fibre supply.



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# Our Raw Materials Portfolio

We process bamboo into four standardised product formats, each engineered for industrial applications. From fine powders to slats, our materials are produced under controlled moisture and sizing protocols to ensure consistent performance.

**Bamboo Chips**

Uniform, kiln-dried chips for engineered boards, composites, pulp production, and biomass applications. Consistent particle sizing and moisture control.

**Bamboo Powder**

Finely milled powder in controlled mesh sizes for bioplastics, fillers, adhesives, textiles, and specialty manufacturing. Export-ready packaging.

**Bamboo Slats**

Cleaned, graded slats with dimensional consistency for laminated products, panels, furniture manufacturing, and fibre extraction processes.

**Bamboo Poles**

Treated, export-ready poles across multiple species for construction, interior applications, and engineered product manufacturing.



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# Bamboo Chips

**Technical Specification & Industrial Applications**

## Product Features

- Processing: Mechanically chipped, kiln-dried, and screened for uniform particle distribution and consistent batch quality.
- Moisture Content: Maintained below 12% through controlled drying protocols.
- Quality Assurance: Full traceability with batch testing and a Certificate of Analysis for every shipment.
- Packaging: Supplied in 1-tonne bulk bags for efficient transport and handling.
- Supply Volumes: Available from pilot quantities to multi-container monthly orders.

## Industrial Applications

- Engineered wood products & composite boards
- Pulp & paper manufacturing
- Bio-composite materials
- Bioplastics compounding
- Biomass energy production



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# Bamboo Powder

## Technical Specification & Industrial Applications

### Industrial Applications

- Bamboo composites
- Bioplastic & natural fillers
- Adhesives and resin systems
- Textile fibre processing
- Specialty paper manufacturing
- Biomass pellet production

### Technical Specifications

- **Particle Size:** Precision milled to customer specifications.
- **Mesh Range**: Available in 40, 60, 80, 100, and 120 mesh grades.
- **Moisture Content**: Strictly controlled below 8%.
- **Consistency**: Uniform particle distribution within each mesh grade.

### Packaging & Logistics

- **Standard Packaging:** 400 kg jumbo bags for bulk handling.
- **Pallet Configuration:** Optimised for container loading and stable stacking.
- **Export Ready:** Fumigation certified with full export documentation.
- **Quality Control:** Batch testing and Certificate of Analysis provided.



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# Bamboo Slats

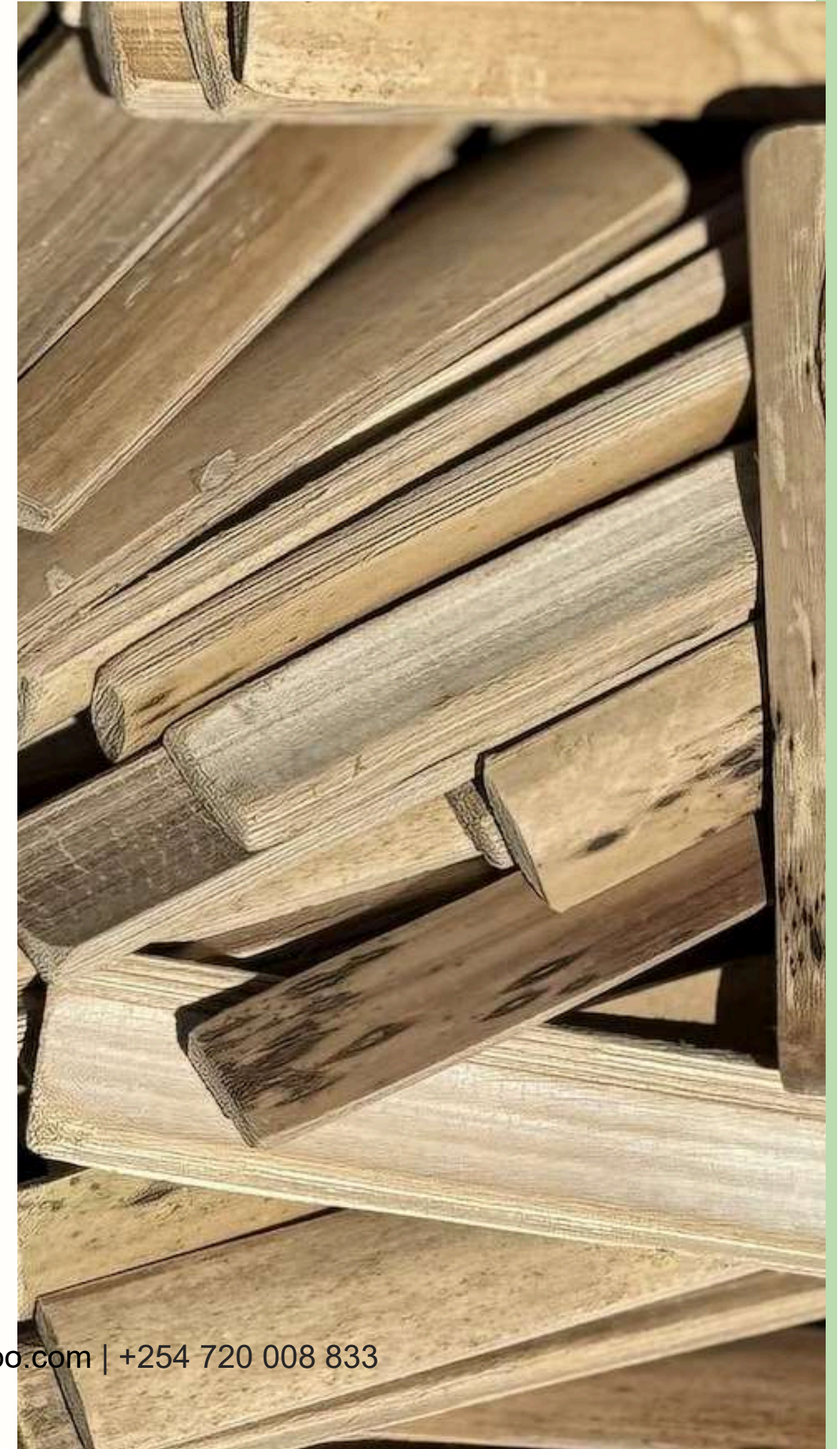
**Technical Specification & Industrial Applications**

## Product Specifications

- **Processing:** Cleaned, split, graded, and inspected for dimensional consistency.
- **Length Range:** 200 mm to 2,400 mm.
- **Width Range:** 10 mm to 40 mm.
- **Thickness Range:** 3 mm to 10 mm.
- **Moisture Control:** Kiln-dried to optimal levels for processing and storage stability.
- **Traceability:** Sourced from verified farmer networks with full documentation.

## Industrial Applications

- Laminated bamboo panel manufacturing
- Furniture components and interior fittings
- Natural fibre extraction for textile and composites
- Architectural millwork and decorative applications





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# Bamboo Poles

**Industrial-Grade Structural Materials**

### Premium Species

Bambusa vulgaris, Dendrocalamus asper, and D. giganteus, selected for strength, straightness, and suitability for engineered applications.

### Treatment & Quality

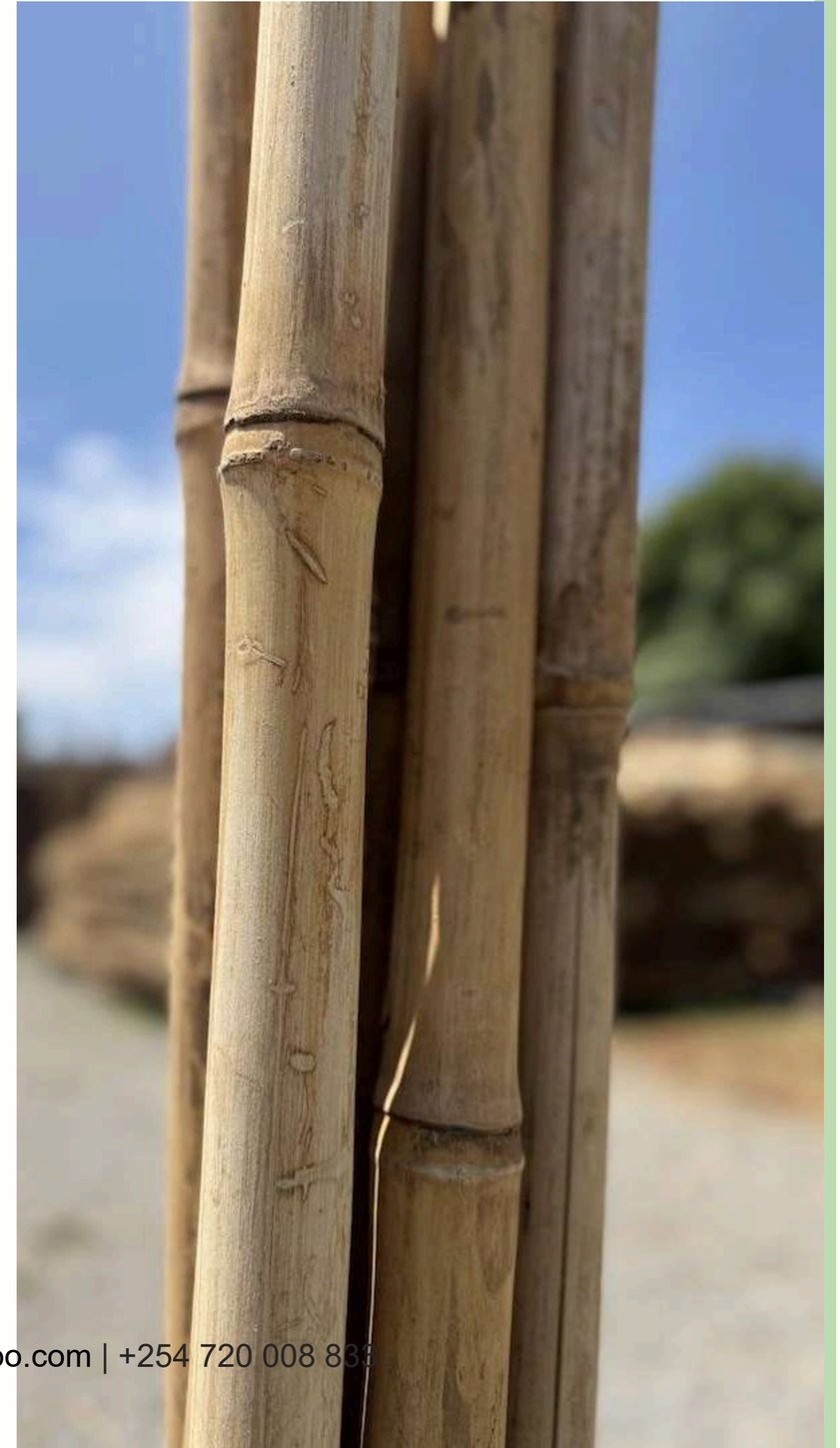
Professionally treated for durability and pest resistance. Each pole is graded for consistency, straightness, and dimensional accuracy to meet international export standards.

### Applications

Construction frameworks, interior design elements, decorative architectural features, and feedstock for engineered bamboo product manufacturing.

### Portfolio Integration

Our poles complement our chips, powder, and slats portfolio, offering clients a complete raw material solution from fibre-based inputs to structural components.





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# Industry Applications Matrix

Our bamboo raw materials serve diverse industrial sectors. This matrix demonstrates the versatility of our product range across manufacturing applications.

| Industry Sector |  Chips |  Powder |  Slats |  Poles | Key Benefits |
|---|---|---|---|---|---|
| Composites & Engineered Materials | ✓ | ✓ | ✓ | ✓ | High tensile strength, low density |
| Bioplastics & Polymer Compounding | ✓ | ✓ | | | Natural reinforcement, sustainable filler |
| Laminated Bamboo Manufacturing | | | ✓ | ✓ | Dimensional stability, workability |
| Pulp & Paper Production | ✓ | ✓ | | | Long fibres, low lignin content |
| Natural Fibre Extraction | | | ✓ | ✓ | High cellulose yield |
| Automotive & Marine Composites | ✓ | ✓ | | | Lightweight, high performance |
| Bioenergy & Biomass | ✓ | ✓ | | | High calorific value, renewability |
| Textile Fibre Processing | | ✓ | | | Soft fibre, moisture wicking |
| Construction & Interiors | | | ✓ | ✓ | Aesthetic appeal, structural capacity |



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# Why Choose We Do Bamboo

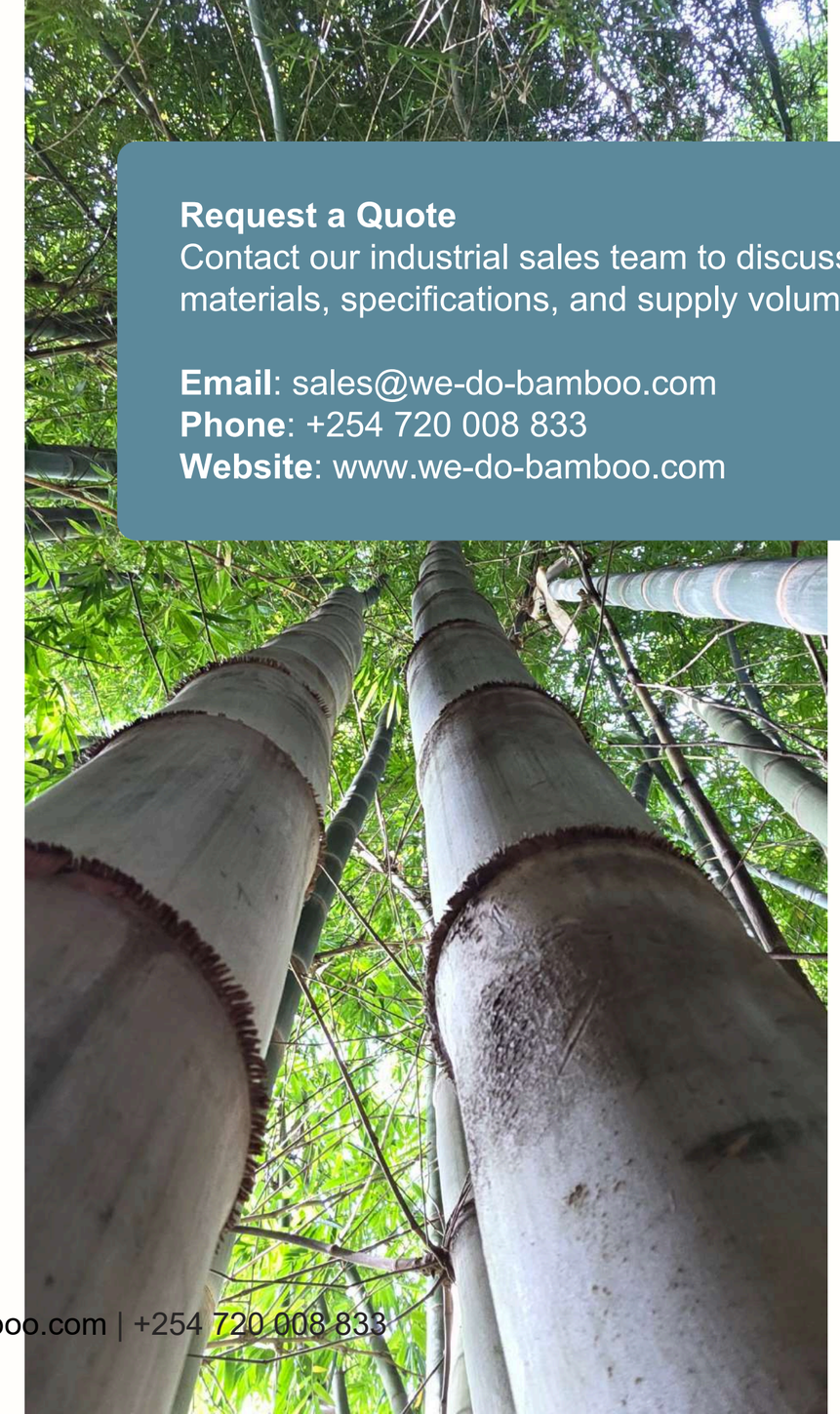
**Technical Excellence**
Controlled drying, precision milling, and systematic screening ensure consistent moisture levels and particle sizes.

**Quality Documentation**
Each shipment includes full batch documentation and a Certificate of Analysis to support traceability and compliance.

**Scale & Reliability**
Large-scale supply capability supported by trained farmer networks and modern processing infrastructure.

**Full Traceability**
Chain-of-custody control from verified farmers through processing to export, strengthening your sustainability credentials.

**Carbon Benefits**
Sourced from a regenerative crop that sequesters carbon and supports climate-positive manufacturing.



**Request a Quote**
Contact our industrial sales team to discuss materials, specifications, and supply volumes.

**Email**: sales@we-do-bamboo.com
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