



**AFRICA
BIOMASS
COMPANY**

www.abc.co.za

Since 2004



Leading the transformation of the Biomass Industry.

Sustainable Biomass Solutions • Equipment • Contracting • Renewable Energy

MESSAGE FROM OUR CEO

To our Valued Stakeholders, Clients, and Partners,

At ABC, we believe that the future of our planet depends on how we manage its resources today. We have set our sights on a **"True North"** that guides every decision we make, namely:

"Leading the transformation of the biomass industry – The ABC Way"

Our mission is clear and unwavering: We revolutionise biomass through sustainable innovation, delivering high-value solutions with excellence and integrity. This isn't just a statement on a page; it is the heartbeat of our operation and the standard to which we hold ourselves every day.

To achieve this, we have built a comprehensive ecosystem of equipment, services, and expertise that serves every corner of the industry:

- **Global Partnerships & Local Innovation:** Through our trust in world-class brands like Bandit Industries and Serrat Mulchers, alongside our 100% locally built Badger and Meerkat equipment, we provide the tools to handle biomass at any scale—from industrial forestry to light commercial projects.
- **Specialised Contractor Services:** We don't just supply equipment; we lead from the front. Our Contractor Services bring decades of field experience to your projects, offering professional execution in clearing and processing biomass, where technical expertise is as vital as the machinery itself.
- **Biomass to Energy Strategy:** We are committed to a future-focused Biomass to Energy Strategy. By positioning ABC at the forefront of renewable energy solutions, we help our clients convert organic residues into sustainable, carbon-neutral energy.
- **Adding Value to Problematic Biomass:** Central to our mission is the aim to add value to unwanted or problematic biomass. Whether it is the reclamation of invasive species or the processing of industrial wood waste, we specialise in transforming environmental liabilities into high-value resources.

Our success is anchored in three strategic pillars: a Customer Experience focused on true partnership, a Solution-Driven Mindset powered by our smart and healthy staff, and a culture of Accountability that drives perpetual improvement.

As we look toward our future goals, we remain focused on our "Must-Win Battles"—meticulous Planning, fostering People with aligned attitudes and behaviours, and driving Performance through productivity and customer satisfaction. We are not just building a company; we are building the infrastructure for a sustainable bioeconomy.

At ABC, we take Ownership of our role in the industry. Backed by Integrity, Teamwork, and Excellence, we invite you to join us as we clear the path toward a more sustainable and productive future.

Thank you for being part of our journey.

Sincerely,



Willem van der Merwe
CEO, ABC

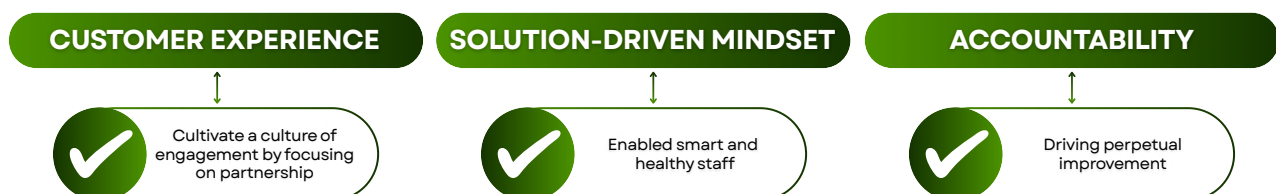
Visionary Leadership and Core Values

Founded in 2004 by **Willem van der Merwe**, ABC began as a small tree-felling enterprise. Recognising that biomass is routinely discarded, Van der Merwe pivoted the company to pioneer on-site biomass recycling. This strategic decision initiated exponential corporate growth from 2009 onward.

Everything we do is driven by "The ABC Way," a foundational framework that guides our growth and daily operations:



To support our expansion, executive leadership has identified three primary strategic anchors:



THE ABC ADVANTAGE



22+ Years of Industry Leadership

- *Proven expertise across the biomass value chain since 2004.*



Complete Biomass Solutions

- *Integrated contracting, engineering, equipment, bioenergy, training & support.*



Proudly South African

- *Locally designed and manufactured Badger equipment is built for African conditions.*



Circular Economy Experts

- *Turning biomass waste into renewable energy and valuable resources.*



Renewable Energy Focus

- *Helping industries transition towards cleaner, sustainable energy solutions.*



WE USE IT

Our equipment is field-tested daily in demanding contracting operations.



WE BUILD IT

Locally engineered solutions designed for African conditions.



WE SUPPORT IT

Comprehensive aftersales service, parts availability and technical expertise.

The global transition toward a circular bioeconomy has necessitated a paradigm shift from linear resource disposal to closed-loop systems that prioritise resource recovery. At the forefront of this transition in Southern Africa is Africa Biomass Company, an entity that has evolved from a specialised tree-felling operation into a diversified, vertically integrated biomass processing company over the past 22 years.

The Southern African Challenge



Water Scarcity

Agricultural water resources are under increasing pressure.



Invasive Alien Plants (IAP)

Alien vegetation consumes valuable groundwater while increasing wildfire risk.



Energy Instability

Growing demand for renewable energy is driving the need for sustainable biomass fuel.

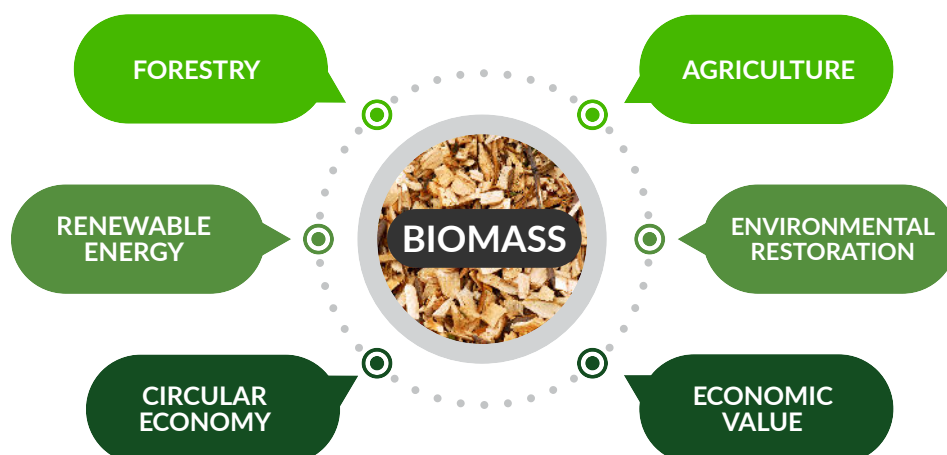


Organic Waste

Millions of tonnes of valuable biomass are still burned, buried, or left to decay.

Through our core divisions, ABC addresses these interrelated challenges. By transforming stranded biomass into high-value environmental and economic assets, we monetise waste to provide the industrial sector with renewable energy and actively drive ecological restoration.

Why Biomass Matters



CORE DIVISIONS



Contracting



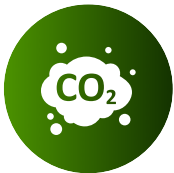
Energy



Equipment &
Engineering



Aftersales, Parts
& Maintenance



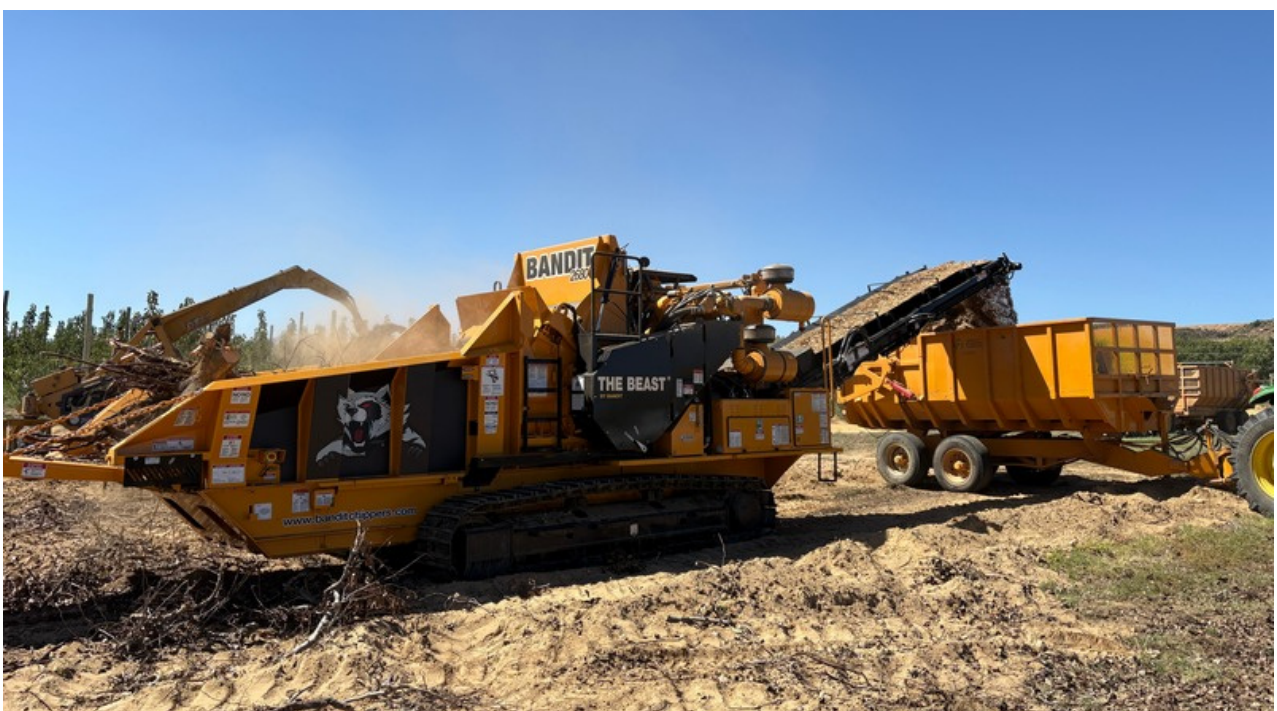
Carbon Project



Training



ABC Contracting is our specialised contracting and environmental service division. Leveraging a formidable fleet of heavy machinery, this division addresses the most physically demanding land management challenges in the agricultural, forestry, and municipal sectors.



Orchard, Vineyard, and Windbreak Recycling

- In the commercial fruit and nut sectors, farmers routinely replace portions of their production areas. Instead of the ecologically destructive practice of open-field burning, we utilise excavators and highly manoeuvrable 3-wheel loggers to extract trees and vines entirely. This material is fed into high-capacity horizontal grinders to produce finely shredded organic mulch directly on the farm. This eliminates burning, reduces transport costs, and returns vital organic matter to the soil, improving water retention by up to 30%.



Agricultural Mulching

- To further support regenerative agricultural practices, we offer specialised mulching services. Using precision tractor-mounted mulchers, we process pruning waste directly in the work rows. With side-discharge technology, organic material can be directed straight under the tree or vine canopy, building the soil microbiome exactly where the roots need it whilst naturally suppressing weeds.



Forestry Mulching for Fuel Load Reduction

- In the commercial timber sector, post-harvest residue presents a massive fire hazard and a logistical impediment to replanting. ABC utilises heavy-duty, tractor-mounted forestry mulchers to process this residue efficiently. By incorporating the debris back into the topsoil, we drastically reduce fire risks and accelerate the nutrient-cycling timeline for faster replanting.



Mulch Spreading in Orchards and Vineyards

- Creating mulch is only the first step. We provide precision mulch-spreading services utilising custom-built, patented spreaders towed by heavy-duty tractors. These spreaders allow for the rapid, mathematically even application of organic material across vast tracts, ensuring a consistent evaporation barrier that conserves critical water resources.



Site Clearing and Preparation

- For greenfield agricultural developments, commercial construction, and infrastructure expansion, land must be thoroughly cleared. We deploy excavators, whole-tree chippers and/or grinders, and earthmoving equipment to provide comprehensive site clearing. We ensure all extracted biomass is responsibly chipped or recycled rather than sent to landfills.

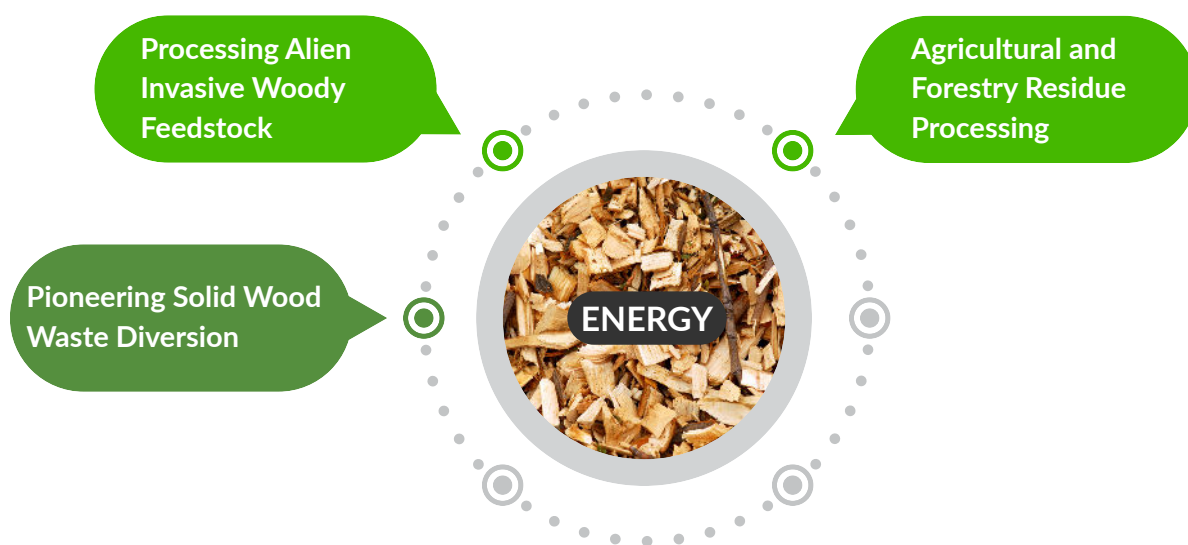


River Rehabilitation in Riparian Zones

- South Africa faces a severe ecological crisis driven by invasive alien plant (IAP) species, which consume billions of litres of groundwater and create massive fire risks. We lead large-scale river rehabilitation initiatives, to extract these invasive trees from sensitive riverbanks, rapidly restoring natural water flows.



ABC Energy is the vanguard of our transition toward renewable, carbon-neutral industrial energy solutions. Operating against a backdrop of national energy shortfalls and escalating carbon costs, this division processes, procures, and contracts to advanced biomass-to-energy clients.



Processing Alien Invasive Woody Feedstock

- A vital feedstock for ABC Energy is the massive volume of invasive alien plant (IAP) species derived from our clearing operations. By processing problematic woody species (such as Eucalyptus, Pine, Wattle and Port Jackson) into uniform, fuel-grade biomass fuel, we create a "double dividend": producing renewable energy while directly subsidising the eradication of severe threats to local biodiversity and water security.



Agricultural and Forestry Residue Processing

- Beyond invasive clearing, we actively process large volumes of agricultural and forestry residue before it is burned or left as a fire hazard. End-of-life orchard and vineyard removals and post-harvest timber waste are mechanically processed, chipped, grinded, and screened into precisely specified biomass fuel, converting agricultural disposal problems into highly valuable energy resources.



Pioneering Solid Wood Waste Diversion

- Since February 2025, ABC has led a highly impactful circular economy initiative, specialising in the large-scale diversion of solid wood waste from regional landfills.

ABC

The ABC Method

Solid wood waste undergoes a rigorous mechanical transformation, passing through heavy-duty grinders and specialised screening to ensure strict particle size consistency and impurity removal.



Application & Decarbonisation

We supply this premium biomass to regional industries at a favourable cost per Gigajoule (GJ), heavily incentivising green industrial adoption.

CO₂

Measurable Material Impact

From inception, we have diverted thousands of tons of solid wood waste from landfills. Preventing thousands of tons of CO₂ emissions (methane avoidance) and displaced fossil fuels, avoiding further thousands of tons of CO₂ emissions from coal.



Social Impact

This localised processing creates meaningful green employment, upskilling workers in specialised mechanical operations and ensuring a Just Energy Transition for the region.



ABC EQUIPMENT & ENGINEERING

ABC Equipment and Engineering represents the mechanical and engineering backbone of the company. Focused on the design, manufacture, importation, and sale of specialised biomass machinery, we curate a strategic portfolio of global and proprietary brands to ensure our clients have the optimal tool for any operational scale.



Bandit Industries: The Heavy-Industrial Anchor

ABC Equipment is the sole authorised dealer for Bandit Industries across the African continent. Globally recognised for manufacturing the most durable, highest-throughput wood chippers and horizontal grinders, our relationship with Bandit is a partnership forged in the field.



Unmatched Durability

- Built to withstand the rigours of daily, high-volume use, Bandit machinery guarantees a lower total cost of ownership and higher resale value.



Innovation with Purpose

- Features like the Slide Box Feed System are engineered specifically to maximise throughput and fuel efficiency.



A Shared Commitment to Support

- Buying Bandit through ABC secures a lifeline of technical expertise and parts availability. Crucially, we localise our units for the African environment, integrating up to 55% local content on some models and mating them with resilient Tier 3-standard engines.



Badger Biomass Equipment: Indigenous Engineering Excellence

Born out of the necessity for equipment explicitly engineered to thrive in our local conditions, the Badger Biomass Equipment range is our proprietary brand, engineered and manufactured 100% locally in South Africa.



100% Local Content

- Manufacturing entirely within our borders ensures every component withstands dense African hardwoods, completely bypassing global supply chain disruptions.



Decades of Practical Experience

- We have refined global engineering concepts to eliminate common failure points, "stress-testing" the equipment in our own contracting fleets before it reaches the market.



A Commitment to Local Industry

- Investing in Badger guarantees a level of direct technical insight and rapid manufacturing support that only a local producer can offer. The range includes 6- and 8-inch Wood Chippers, Compost turners, Spreaders, Billeter's, Pallet shredders and specialised Bio-shear excavator attachments.



Serrat Mulchers: Precision Land Management

For extreme vegetation clearing, land reclamation, and agricultural maintenance, ABC acts as the sole agent for Serrat Mulchers. Originating from Spain, these machines represent the pinnacle of European engineering in the mulching sector.



Precision Engineering & Build Quality

- The perfect balance between heavy structural weight and high-inertia rotors ensures stability and productivity on rocky, uneven, or steeply inclined terrain.



Versatility Across Applications

- Specialised hammer and tooth designs allow operators to seamlessly transition between light brush and heavy timber using tractors, excavators, or skid steers.



Efficiency That Drives Profitability

- Innovative rotor technology maximises "bite" while minimising drag, allowing for higher ground speeds and drastically reducing prime-mover fuel consumption.



Meerkat Biomass Equipment: Light Commercial Accessibility

Recognising that the circular bioeconomy encompasses actors of all sizes, we developed the Meerkat range. It is perfectly balanced for sole proprietors, independent garden services, and estate managers requiring professional-grade reliability without the industrial price tag.



Professional Performance

- Designed to work harder and longer than standard consumer units, giving smaller contractors a distinct competitive edge.



The Best of Both Worlds

- A hybrid approach combining high-quality, cost-effective imported components with rigorous local manufacturing, vetting, and support to ensure maximum value.



The ABC Legacy of Support

- Meerkat owners gain access to the exact same technical advice, parts availability, and service excellence that our largest industrial clients rely on.



Dezzi Earthmoving Equipment

To complete our comprehensive contracting ecosystem, ABC Equipment serves as the exclusive Western Cape dealer for Dezzi (Desmond Equipment). Dezzi is a highly respected South African manufacturer producing heavy earthmoving machinery purpose-built for local mining, forestry, and agricultural sectors, including Tractor-Loader-Backhoes (TLBs), Front-End Loaders, and articulated dump trucks.



On-Site Husqvarna Retail Shop at Head Office

To ensure comprehensive support for all levels of biomass management—from heavy industrial machinery down to the critical hand-held tools used by ground crews—ABC operates a fully stocked, on-site Husqvarna retail shop at our Worcester Head Office. As an authorised Husqvarna dealer, this dedicated retail space provides our clients, local contractors, and the public with direct access to professional-grade chainsaws, brush cutters, blowers, pole pruners, and vital personal protective equipment (PPE).

Having this premium equipment available on-site ensures our clients can seamlessly equip their manual labour teams with the most reliable, ergonomically designed tools on the market, perfectly complementing the heavy-processing machinery provided by our other equipment lines.



ABC AFTERSALES, PARTS & MAINTENANCE

In the heavy biomass processing industry, equipment downtime is the primary threat to profitability. To counter this, ABC operates a dedicated Aftersales, Parts, and Maintenance division, ensuring absolute commitment to mechanical uptime for both our internal contracting fleets and our external equipment clients.



Workshop and Rebuild Facilities

Our state-of-the-art workshop and rebuild facilities are headquartered in Worcester, operated by highly experienced, qualified technicians. Our comprehensive support capabilities include:



Massive Parts Inventory & Sales

- We maintain a dedicated Parts Department with an extensive physical inventory, ensuring critical replacement parts are immediately available and mitigating global supply chain risks.



Service, Repair, and Rebuild Workshop

- From routine maintenance to complete structural and mechanical rebuilds, our Worcester workshop is fully equipped to handle the most demanding technical requirements for machinery of any brand.



Mobile Field Services

- Our operations are supported by a dedicated fleet of mobile field service units, allowing us to execute major field repairs and routine servicing directly on-site, minimising transport logistics for our clients.



Specialised Hydraulic Services

- We offer dedicated hydraulic services in the Worcester area to keep complex heavy machinery operating at peak efficiency without delay.



SPECIALISED SUPPORT SERVICES

To further support our clients and industry partners, ABC provides expert advisory and educational services that elevate the standard of the broader biomass industry.



Regenerative Agriculture & Carbon Projects

- We actively promote and implement regenerative farming methods that minimise soil disturbance and maximise ecological restoration. We guide our agribusiness clients in unlocking the profound financial and environmental value of these practices, utilising our biomass processing expertise to help them navigate complex carbon frameworks and turn responsible land management into a measurable economic asset.



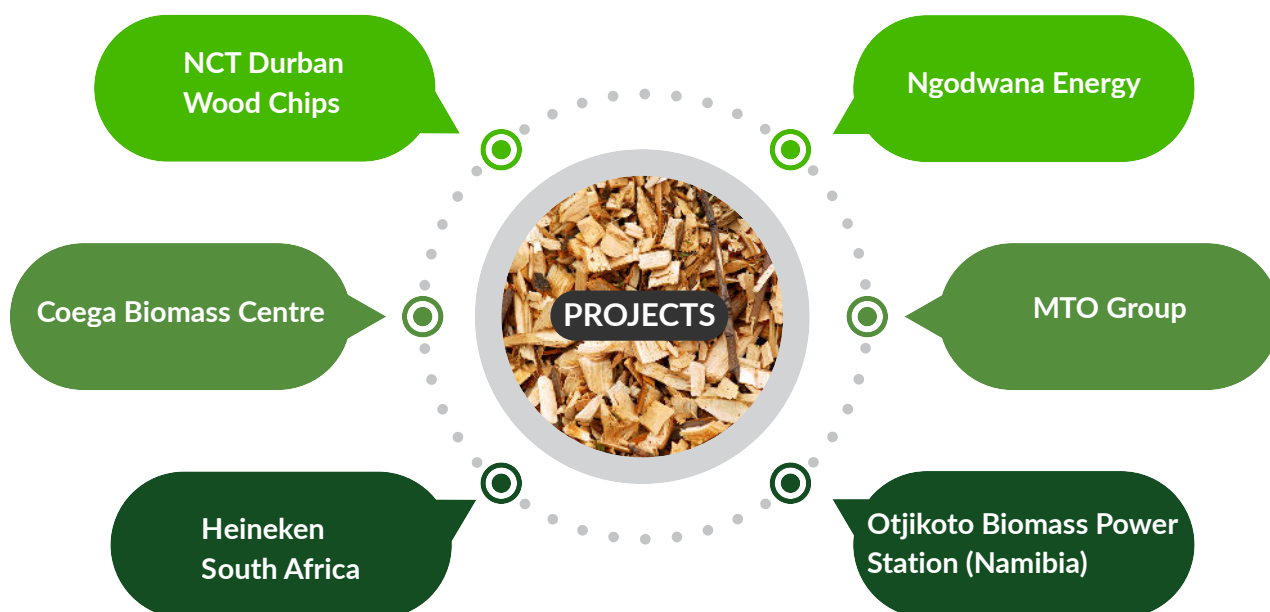
SETA-Accredited Training

- The rapid proliferation of heavy biomass machinery requires a highly skilled, safety-conscious operator base. ABC runs a fully SETA-accredited training facility that teaches operators to safely operate heavy machinery. This includes South African Qualifications Authority (SAQA) aligned modules on safe woodchipper operation, essential preventative maintenance (such as correctly setting up chipper knives and anvils), and professional chainsaw handling.



TRUSTED BY INDUSTRY LEADERS

ABC's capabilities are best demonstrated through our execution of complex, large-scale biomass and environmental management projects across Southern Africa. A selection of our key operational highlights includes:



Projects



NCT Durban Wood Chips - Rapid Industrial Crisis Response

- Following the devastating 2023 fire at the NCT facility in Richards Bay, ABC rapidly deployed a mobile processing fleet. Operating under extreme duress, our teams successfully processed **86,000 tons of fuel-spec woodchips in just 108 days**, ensuring continuity in the critical export supply chain while the permanent mill was rebuilt.



Ngodwana Energy

- We execute long-term contracts to process **60,000 tons** of fuel-spec woodchips **per annum** to meet massive regional energy demand.



Coega Biomass Centre

- ABC handles the comprehensive harvesting, processing, and transportation of **2,000 tons of alien invasive biomass per month**, converting an ecological threat into clean energy.



MTO Group

- We partner with MTO to convert post-harvesting forestry residue directly into high-value industrial boiler fuel, clearing compartments rapidly while generating a sustainable energy source.



Heineken South Africa

- ABC processes and delivers **6,900 tons of alien invasive, end-of-life agricultural, and commercial waste biomass** to serve as sustainable boiler fuel for Heineken's brewing operations, directly supporting their corporate decarbonisation targets.



Upcoming - 40 MW Otjikoto Biomass Power Station (Namibia)

- ABC has secured a critical role in this landmark N\$2.3 billion sovereign baseload power project. Working alongside Nexus Civils, our operations will harvest and process **50,000 tons of encroacher bush into boiler fuel per annum**, stabilising the Namibian national grid while restoring degraded rangelands.

CUSTOMER TESTIMONIALS

Trusted By Our Clients

At Africa Biomass Company, we measure our success by the long-term relationships we build and the value we create for our clients. For more than 22 years, we have partnered with organisations across the agricultural, forestry, industrial, and renewable energy sectors, delivering reliable solutions backed by technical expertise, innovation, and exceptional service. The testimonials below reflect the confidence our clients place in our people, our products, and our commitment to transforming biomass into sustainable value.



Exceptional personal service. Sourced equipment for me and delivered on time whilst continuously updating.

Jim Kotzé



Best in class of biomass and wood chipping. Friendly staff and very professional.

André



Purpose-driven, Dynamic, Teamwork, Compassion, Maximum contribution, Positive & Professional.

Emile Neethling



Great service, and they have great engineers and mechanics doing jobs of great quality.

FC Wiid

Our Commitment

We are committed to delivering innovative **biomass solutions** that help our clients operate more efficiently, sustainably, and responsibly. Every project we undertake is guided by our dedication to quality, safety, technical excellence, and long-term partnerships.

NOTES

CREATING **VALUE** FROM **BIOMASS**

STARTS WITH THE RIGHT PARTNER.



TALK TO US.

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SCAN



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