



Charcoal

Part 3

2024



Part 3

Major players in the charcoal market and their profiles

Charcoal is one of the main renewable energy resources, which is why it is of constant interest and relevance to consumers, while it is a scalable, flexible and in many cases the only reliable source of energy.

A wide range of applications and less complex production are two key reasons for its high demand. The widespread use of charcoal in industry in South American countries such as Brazil and the barbecue tradition in North America and Europe are among the factors that determine its large share in this sector of the economy.

Charcoal is a multi-million dollar industry that brings profits to interested investors. For example, the UK consumes over 60,000 tons of charcoal annually, of which about 70% comes from the tropical forests of Africa. Other countries around the world also consume charcoal in large quantities.

The call for alternative energy sources has brought charcoal to the forefront of the world market. Large markets exist in the European Union, the USA and Asia.

Charcoal has a seasonal market, but the season differs from country to country. For example, in Belgium, the UK, Holland, France, Germany and Denmark, the sales season lasts from May to August, because this is their summer time. In countries like Kuwait, Israel and other Asian countries, orders are accepted from January to December.

However, there are several large importers in Europe that also form year-round orders: Big K Charcoal Limited and others.

Usually, charcoal is packaged according to the buyer's specification: in bulk in large-capacity open containers, in ready-made bags of 3, 5, 10 and 15 kg. Delivery is carried out through a forwarding company, and the terms of trade can be either a letter of credit or cash.





In particular, the current price (as of September 2024) for wholesale supply of charcoal is from 175 to 250 euros per ton (FOB Nigerian ports). Smaller capacity paper and cardboard packages are more expensive from 230 to 260 euros per ton also FOB Nigerian port.

1 ton contains 40 bags packed with 25 kg. A 40-foot container holds 840 bags and contains about 21 tons of charcoal.

For newcomers, it is easier to pack the product in bulk in containers as the capital investment is low.

It will cost between 450,000 and 700,000 Nigerian Naira (US\$275-\$427) to process and prepare for export a container (40 feet) containing about 21-23 tons of charcoal.

In the international market, prices range from \$430 to \$760 per ton of charcoal.

The charcoal market is expected to grow significantly due to increasing demand in food preparation, metal fabrication, construction, healthcare, industrial filtration and pharmaceutical applications. Advances in technology have led to more efficient and environmentally friendly methods of producing charcoal, making it more attractive to both consumers and industries, thus fueling the growth of the market.





Let's take a look at the major players in the charcoal market.

E&C Charcoal (Pty) Ltd

E&C Charcoal is Africa's largest producer and exporter of high-quality charcoal, briquettes and lump wood. E&C Charcoal, based in Pietermaritzburg, has been in business since 1930 and now employs 400 people and has a 40,000 square metre manufacturing facility located



120km from Africa's largest port, Durban. In 1998 the company became FSC certified. The FSC licence number is C002103. E&C's chain of custody is SGSCH-COC-000199.

From growing the wood used to make charcoal to processing, packaging and distribution, E&C is involved in all aspects of charcoal production for both the local and export markets.

Most of the production is sold through third parties - for example, as a major supplier to Woolworths and Spar.

Today the company produces about 20,000 tons of chunks and 12,000 tons of briquettes, with the vast majority exported to almost all European countries.

About 120,000 tons are exported to Germany per year, and the South African market is about 60-70,000 tons. Charcoal for barbecues is also exported to parts of the Middle East.

Initially, exports were carried out only for the leisure market, but over time they moved into industry. Charcoal is a raw material for air or water purification, so now the company also produces products for industry.

In 1988 and 1991, E&C Charcoal received the President's Award for Export Achievement, which further strengthened its reputation as a quality exporter.

Web: <https://www.charcoal.co.za/>

Aperam BioEnergia

Aperam BioEnergia, one of the largest charcoal producers in the world, located in the Jequitinhonha Valley, Minas Gerais, Brazil, a division of Aperam South America, the largest and only special steel producer in Latin America.



The company is a renewable energy division and produces and sells charcoal, genetic technology, industrial technology, seedlings and seeds from renewable eucalyptus forests.



Products

Charcoal of excellent industrial quality, obtained through an environmentally friendly process and produced from renewable eucalyptus forests in mechanized furnaces using the country's most advanced technology in the sector. It is used as a reducing agent and energy agent in the blast furnaces of Aperam South America in Timoteo.



Brazil is currently the world's largest producer of charcoal, which is consumed in the iron and alloy industries.

Recently, Brazil's largest zinc mining and smelting company, Nexa Resources SA, announced an agreement to purchase 10,000 tons of biofuel from its compatriot Aperam BioEnergia, a subsidiary of the Luxembourg steelmaker, with the aim of gradually replacing the use of fossil fuels in the production of zinc oxide at the Três Marias steel plant in the state of Minas Gerais (MG).

The company is also the first in Latin America to market carbon removal credits through the production and application of biochar in its forests.

The production of charcoal creates a by-product, bio-oil, which is extracted and processed through a series of innovation-driven adaptations that Aperam South America has developed and implemented in its processes.

Web: <https://www.aperam.com/sustainability/environment/bioenergia/>

<https://aperambioenergia.com.br/en/>

Jumbo Charcoal (Pty) Ltd

Jumbo Charcoal (Pty) Ltd is a charcoal packaging and exporting company based in central Namibia, founded in 1989 and has become the largest exporter of barbecue charcoal from Namibia to the Mediterranean, Central Europe and the United Kingdom.



Namibia is known as the 5th largest exporter of charcoal in the world and the United Kingdom imports most of this charcoal.



Products

JUMBO charcoal is made entirely from Namibian hardwoods such as Acacia Mellifera or Black Thorn. The wood is harvested and charred in round steel kilns to produce high-quality, long-burning charcoal.

Jumbo sources its raw materials from local farmers who produce sustainable charcoal in accordance with Forest Stewardship Council® (FSC) and Fairtrade standards.



The charcoal is produced locally and transported to Jumbo, where it is inspected, screened and sorted before being packed. Trucks then transport the bags of charcoal to the nearest port, Walvis Bay, from where it is shipped to its final destination.

During the off-season, the product is stored in warehouses in Walvis Bay and Okahandja.

Jumbo charcoal is FSC® certified and is subject to annual audits by independent external auditors. These audits focus on social, economic and environmental issues throughout the production chain. Jumbo is also required to undergo ethical audits by a number of large chain stores in the UK, registered with the Supplier Ethical Data Exchange (SEDEX).

Web: <https://www.jumbocharcoal.com/>

BRICAPAR S.A. Charcoal Briquettes

BRICAPAR S.A. Charcoal Briquettes is a Paraguayan company founded in 1997, engaged in the production, conditioning, packaging of charcoal and the production of charcoal briquettes for export, sawdust briquettes and biomass for the local market.

Particular attention is paid to the origin of the wood, social responsibility and environmental protection in accordance with the strictest international standards.





Products

The company uses the surplus from the wood processing industry to produce charcoal, and in the process of conditioning and packaging, fines are formed, the raw material for charcoal briquettes. The cargo is then consolidated into containers for export to the markets of Germany, Chile, Korea, Costa Rica, Spain, the USA, Greece, Guatemala, under our own brand and / or the brand of the end consumer. Holland, England, Israel, Italy, Kuwait, Panama, Turkey, Poland, Portugal, Puerto Rico, Uruguay, Honduras, Nicaragua and El Salvador.



Web: <https://bricapar.com/>

Duraflame

Duraflame is the US leader in fireplace log brands, offering a wide range of fireplace products including fireplace logs, charcoal and fire starters, and barbecue products.



Products



Hardwood charcoal for cooking, barbecue and grill fuel, fireplace firewood, etc.

Web: <https://www.duraflame.com/products/charcoal>



Etosha



Etosha is a leading South African manufacturer and supplier of premium quality charcoal from Namibia.



World class, low environmental impact products are exported worldwide.

Products

Namibian Intruder Bush Charcoal and Charcoal Briquettes, Fire Starters.

Web: <https://etoshabraai.co.za/product/etosha-charcoal/>

GRYFSKAND

GRYFSKAND is a leading manufacturer of charcoal and activated carbon in Europe, started its business with a factory in 1905 and today has three main areas: charcoal products, activated carbon filters and biofuels.



Gryfskand has four large factories for the production of charcoal and briquettes and one factory for the production of bags, which gives great flexibility to customers.

Production

Step 1 - Air drying: The wood is stored in open warehouses to reduce moisture content. Depending on quality, season and temperature, it can be stored for up to 6 months.

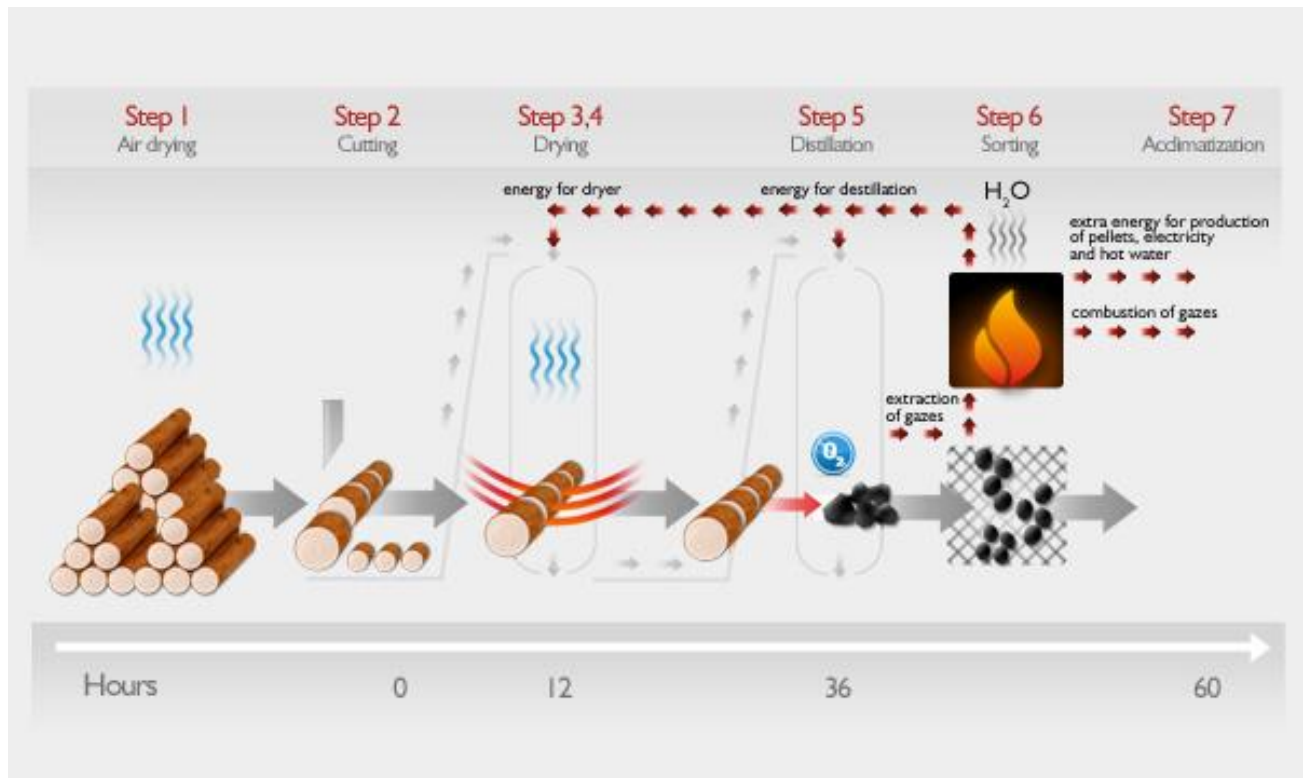
Step 2 - Cutting: The wood is cut into uniform pieces to create an optimal granulation.

Steps 3 and 4 - Drying: For fast and uniform distillation, Gryfskand uses excess energy to pre-dry the wood before distillation.

Step 5 - Distillation: Distillation is the most important step in the production process. In this step, the wood is carbonized and converted into charcoal.

Step 6 - Sorting: After distillation, the charcoal is sieved and inspected to meet our strict standards. The smaller dust is used to produce briquettes and activated carbon.

Step 7 - Acclimatization: After sorting, the charcoal is acclimatized for several days and the final product is stored in one of Gryfskand's warehouses across Europe.



Web: <http://gryfskand.pl/en/business-areas/charcoal-products/charcoal-products/>

Fire & Flavor

Fire & Flavor is a privately held foodservice company based in Georgia, USA.



As of 2007, the company had distribution in the United States and abroad through more than 8,000 retail stores and 4,000 restaurants.

In 2012, Fire & Flavor teamed up with John Wayne Enterprises to develop a line of barbecue products under the John Wayne Stock & Supply brand.

In 2020, Fire & Flavor announced a strategic relationship with the Green Bay, Wisconsin-based logistics and marketing company Englewood Marketing Group (EMG).

Products

Produces all-natural cooking products such as lump charcoal for grilling, brines, and dry seasonings.

Premium hardwood lump charcoal

is sold on the manufacturer's website for \$22.95-\$34.95/20 lbs.



Web: <https://www.fireandflavor.com/>



Fogo Charcoal

Fogo Charcoal is a family business from Slovenia for the European market.

FOGO

We purchase various types of Inga wood from El Salvador, where Inga trees are used specifically as shade trees for growing coffee trees, which make up the special aromatic blend of Fogo lump charcoal.

FOGO charcoal is produced in small batches, in handicraft brick kilns, as has been done for thousands of years.

Eucalyptus from Brazil and coconut shells with plant-based binders for environmentally friendly cooking are also used for the production of charcoal.

Products

Fogo All Natural Brazilian Eucalyptus Blend charcoal for €29.95. Fogo coconut briquettes are sold for €17.95, fogo premium (black bag) lump charcoal €14.95 – €47.95.

Web: <https://www.fogocharcoal.com>



Kingsford Products Company



Kingsford Products Company is the leading manufacturer of charcoal in the United States with

an 80% market share.

Products

Charcoal

Wood Pellets

Grill Charcoal and Accessories.

Web: <https://www.kingsford.com/>





MATSURI INTERNATIONAL CO. LTD



MATSURI INTERNATIONAL CO. LTD is a charcoal manufacturer and exporter in Bangkok, Thailand and

Japan.

Products

From premium hardwood lump charcoal for grilling to fine charcoal for industrial use.

Round/Stick shape. GRADE A1, A2, A3 and A4.



- MANGROVE CHARCOAL GRADE A1**
- 80% WHOLE ROUND
 - 20% CHUNK & SPLIT
 - CROSS SECTION 2,5cm ~ 8cm
 - LENGTH 17cm ~ 21cm
 - AVERAGE WEIGHT: 270g/unit

Highest quality, GRADE A, Charcoal suppliers and exporters, we supply premium quality Grade

A charcoal to Arab countries, Korea and Australia.

Packed in convenient bulk bags of 10, 15 and 20 kg.



- MANGROVE CHARCOAL GRADE B1**
- 100% CHUNK CUT
 - CROSS SECTION 8cm~11cm
 - LENGTH 17cm~21cm
 - AVERAGE WEIGHT : 500g/unit

B grade BBQ charcoal is widely exported to a number of countries including Japan, USA, UAE, Gulf countries, Israel and Greece.

They are available in bulk, retail bags or cartons, and are also available for bulk supply.

Web: <https://charcoalmarket.com/>



MAUROBERA

MAUROBERA is a manufacturer and wholesale distributor of charcoal and briquettes with headquarters in Montevideo, Uruguay and domestic production sites in the Dry Chaco region of South America



The white quebracho tree (lat. *Aspidosperma quebracho-blanco*), used for production, grows in one of the driest areas of the subtropical forests of South America, and this allows for year-round high-quality harvesting. The company also promotes various programs for planting white quebracho trees and other native species, which successfully contribute to the restoration of deforested areas.

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Products

BBQ charcoal 30-80 mm, 50-150 mm RESTAURANT charcoal 40-80 mm CHARCOAL FOR HOOKAH (without bark)

White charcoal QUEBRACHO leaves the factory completely cleaned of small particles, dust and small particles, because before packaging it undergoes careful sifting into fractions for barbecue (30-80 mm) and restaurant class (50-150 mm), which guarantees the highest quality of each bag of charcoal sent.

Properties:

Moisture: max. 7%
Fixed carbon: min. 76%
Ash: max. 15%





Complies with DIN EN 1860-2



Web: <https://www.maurobera.com/>

Mesjaya Abadi Sdn Bhd



Mesjaya Abadi Sdn Bhd is a Malaysian-Chinese leading manufacturer and exporter of charcoal in the Japanese market. The company exports all types of charcoal all over the world, mainly to countries such as Japan, USA, Middle East, India, etc.

Products

Binchotan (white coal), coconut briquetted charcoal, mangrove charcoal, coconut shell charcoal, wood pellets, sawdust charcoal.

Web:

<https://www.mesjaya.com/>





NAMCHAR

NAMCHAR is a company specialising in the production and packaging of Namibian charcoal and briquettes, but also offers a range of other products from South Africa. Current annual sales volume is 15,000 metric tons.



The Namchar factory is located on a 10 hectare farm outside Durbanville, Cape Town in the Western Cape. Raw materials are transported from Namibia over 2000 km to the factory (covered area +/- 4500 m²) where they are graded for different purposes and markets. Briquettes are produced on site. The different grades are then packed and distributed to retail markets through various distribution channels in Gauteng, KwaZulu-Natal, Free State, North West and Mpumalanga.

Products

High quality wood, briquettes, charcoal and fire starters, products are packed in bags of different weights.



Web: <https://namchar.co.za/>



NamCo



NamCo is a South African charcoal company based in Johannesburg.

Products

Hardwood charcoal of all sizes and shapes from 20/30/40/50++ and export quality briquettes in long square and round briquettes.

Packaging

Export charcoal in bulk 30kg or individually packed charcoal in 4kg, 5kg or 10kg or any other size.

Web: <http://namco.co.za/>



Paraguay Charcoal

Paraguay Charcoal is a manufacturer and exporter to Europe, the USA and Arab countries of white quebracho charcoal from Paraguay.



Products

Packages for grill and hookah of 3, 5, 10, 15 kg of white quebracho charcoal.



Web: <https://charcoalfromparaguay.com/>



Oxford Charcoal Company



Oxford Charcoal Company is the UK's largest producer of premium, clean BBQ charcoal. The company produces UK-grown, fast-lighting, restaurant-grade charcoal.



Products

Lumpwood British BBQ Charcoal 5kg - £22.95, Birch BBQ Charcoal 5kg - £28.95, Guinness Blend Charcoal - Oak & Sweet Chestnut 5kg - £34.95, Briquettes, Biochar & More.

Web: <https://www.oxfordcharcoal.co.uk/>



Cavron Global

Cavron Global is a manufacturer of high quality certified barbecue charcoal at its factory in Manado, Sulawesi, Indonesia.



Products



Pit Master



Professional



Premium



Regular

Coconut BBQ Charcoal Briquettes and Granulated Charcoal in Various Standard Bag and Box Sizes.



Cavron's clients include the largest BBQ brands in Europe, the Middle East, America and Australia, as well as many smaller BBQ brands, many of which are market leaders in their regions.

Web: <https://www.cavronglobal.com/>





Royal Oak Enterprises, LLC

Royal Oak is a leading American manufacturer and marketer of charcoal, grilling accessories, firewood, kindling, matches and toothpicks.



Products

Lump charcoal, charcoal briquettes and other wood products

Charcoal is made in the USA from environmentally friendly American hardwood.



Web: <https://www.royaloak.com>

Sagar Charcoal And Firewood Depot

Sagar Charcoal And Firewood Depot – Since 1876, a manufacturer of coal briquettes, activated carbon and charcoal from Hyderabad, Telangana, India.

Products

Coconut charcoal, washed activated carbon, granulated activated carbon, hookah charcoal briquettes, hardwood charcoal, etc.





Hardwood charcoal,

Min. order-1000 kg, packing 25-50 kg, gunny bag,
carbon content - 75-80%, ash 3-4%, volatile 20-
25%,

price-15 rupees/kg (0.18 USD)

Web: <https://www.sagarcharcoal.co.in/>



Timber Charcoal Company LLC

Timber Charcoal Company LLC is a USDA
certified high carbon biochar producer based
in Missouri, USA.

TIMBER CHARCOAL CO.

Products

Lump charcoal



Web: <https://timbercharcoal.com/>

Saint Louis Charcoal Company LLC



Saint Louis Charcoal Company LLC –
manufacturer from Missouri, USA

Products

First-class charcoal and other necessary accessories for
barbecue.

20 kg bag - \$39.95, 3 x 20 kg - \$114.99,

4 * 20 - \$139.96 with free shipping.

Web: <https://rockwoodcharcoal.com/>





Rancher Charcoal



Rancher Charcoal is an American manufacturer.

Products

Natural charcoal and briquetted, made of hardwood, 6, 8, 18 pound bags, country of origin - Paraguay.

Price - \$50 for 20 pounds Rancher Charcoal – американский производитель.

Web: <http://www.ranchercharcoal.com>



Bosveld Charcoal (Pty) Ltd.



Bosveld Charcoal (Pty) Ltd.

Largest supplier of charcoal, briquettes and braai accessories in South Africa.

Products

Namibian Hardwood Charcoal R49.99, wood, briquettes.

Web: <https://bosveldcharcoal.co.za/>



Parker Charcoal Company



Parker Charcoal Company is a family owned and operated charcoal manufacturer based in Tennessee, USA.

Products

Lump charcoal from local hardwoods.

Web: <https://parkercharcoal.com/>



The Good Charcoal Company



The Good Charcoal Company is an American company that produces and supplies charcoal from Namibia.



Products

Charcoal and briquettes made from hardwood (acacia) without additives or chemicals.

Charcoal is available in 27.5 lb (12.47 kg) and 8 lb (3.63 kg) weights, briquettes - in 15.4 lb (7 kg) and 8 lb (3.63 kg)

Web: <https://www.thegoodcharcoal.com/>



Big K Products UK Ltd

Big K Products UK Ltd is a UK based supplier of charcoal to restaurants and the general public. Big K owns and operates two UK warehousing and distribution sites: a 7.5 acre national sales, manufacturing and distribution warehouse in Norfolk, and a head office and retail site in London.



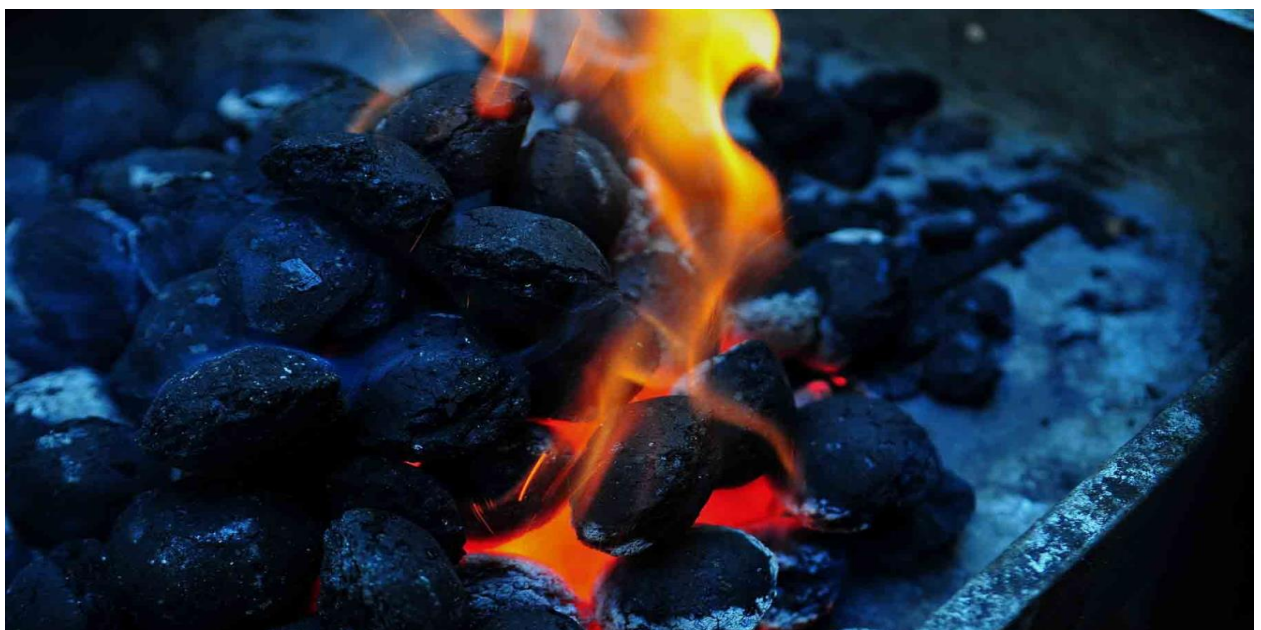
Products

Charcoal sustainably sourced from invasive bush in Namibia, wood briquettes, firewood.

The price of 12kg of FSC® certified restaurant grade charcoal (RCH12FSC) is £20.99.

The price of a pallet, half or quarter of this charcoal is £267.62 – £787.12.

Web: <https://bigkproducts.co.uk/>





APPENDIX

GEOGRAPHICAL COVERAGE

Africa: Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Comoros, Congo, Cote d'Ivoire, Democratic Republic of the Congo, Djibouti, Egypt, Equatorial Guinea, Eritrea, Ethiopia, Gabon, Ghana, Guinea, Guinea – Bissau, Kenya, Lesotho, Liberia, Libya, Madagascar, Malawi, Mali, Mauritania, Mauritius, Morocco, Mozambique, Namibia, Niger, Nigeria, Reunion, Rwanda, Sao Tome and Principe, Senegal, Seychelles, Sierra Leone, Somalia, South Africa, Sudan, Swazi-land, Togo, Tunisia, Uganda, United Republic of Tanzania, Western Sahara, Zambia, Zimbabwe.

Americas: Antigua and Barbuda, Argentina, Aruba, Bahamas, Barbados, Belize, Bermuda, Bolivia, Brazil, British Virgin Islands, Canada, Cayman Islands, Chile, Colombia, Costa Rica, Cuba, Dominica, Dominican Republic, Ecuador, El Salvador, Falklands Islands, French Guiana, Grenada, Guadeloupe, Guatemala, Guyana, Haiti, Honduras, Jamaica, Martinique, Mexico, Montserrat, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Saint Kitts and Nevis, Saint Lucia, Saint Pierre and Miquelon, Saint Vincent and the Grenadines, Suriname, Turks and Caicos Islands, United States of America, Uruguay, Venezuela.

Asia: Afghanistan, Bahrain, Bangladesh, Bhutan, Brunei Darussalam, Cambodia, China, China, Hong Kong SAR, China, Macao SAR, Democratic People's Republic of Korea, India, Indonesia, Iran (Islamic Republic of), Iraq, Israel, Japan, Jordan, Korea Democratic Republic, Kuwait, Lao People's Democratic Republic, Lebanon, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman, Pakistan, Philippines, Qatar, Saudi Arabia, Singapore, Sri Lanka, Syrian Arab Republic, Thailand, Turkey, United Arab Emirates, Viet Nam, Yemen.

Europe: Albania, Austria, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Gibraltar, Greece, Hungary, Iceland,

Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Montenegro, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Russian Federation, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, The Former Yugoslav Republic of Macedonia, Ukraine, United Kingdom.

Oceania: Australia, New Zealand





GLOSSARY

Bioenergy: Bioenergy is equal to sum of industrial waste, municipal waste, primary solid biofuels, biogas, bioethanol, biodiesel, other liquid biofuels and charcoal etc. **Geothermal:** Geothermal energy is the energy available as heat emitted from within the earth's crust, usually in the form of hot water or steam.

Municipal Waste: Municipal waste consists of products that are combusted directly to produce heat and/or power and comprises wastes produced by households, industry, hospitals and the tertiary sector that are collected by local authorities for incineration at specific installations. Municipal waste is split into renewable and non-renewable.

Industrial Waste: Industrial waste of non-renewable origin consists of solid and liquid products (e.g. tyres) combusted directly, usually in specialised plants, to produce heat and/or power. Renewable industrial waste is not included here, but with solid biofuels, biogases or liquid biofuels.

Solid Biofuels: Primary solid biofuels are defined as any plant matter used directly as fuel or converted into other forms before combustion. This covers a multitude of woody materials generated by industrial process or provided directly by forestry and agriculture (firewood, wood chips, bark, sawdust, shavings, chips, sulphite lye also known as black liquor, animal materials/wastes and other solid biofuels).

Biogases: Biogases are gases arising from the anaerobic fermentation of biomass and the gasification of solid biomass (including biomass in wastes). The biogases from anaerobic fermentation are composed principally of methane and carbon dioxide and comprise landfill gas, sewage sludge gas and other biogases from anaerobic fermentation.

Liquid Biofuels: Liquid biofuels is sum of Biogasoline, biodiesel and other liquid biofuels.

Wood Fuel: Roundwood that will be used as fuel for purposes such as cooking, heating or power production. It includes wood harvested from main stems, branches and other parts of trees (where these are harvested for fuel) and wood that will be used for the production of charcoal (e.g. in pit kilns and portable ovens), wood pellets and other agglomerates. The volume of roundwood used in charcoal production is estimated by using a factor of 6.0 to convert from the weight (mt) of charcoal produced to the solid volume (m³) of roundwood used in production. It also includes wood chips to be used for fuel that are made directly (i.e. in the forest) from roundwood. It excludes wood charcoal, pellets and other agglomerates. It is reported in cubic metres solid volume underbark (i.e. excluding bark)

Wood Pellets: Agglomerates produced either directly by compression or by the addition of a binder in a proportion not exceeding 3% by weight. Such pellets are cylindrical, with a diameter not exceeding 25 mm and a length not exceeding 100 mm. It is reported in metric tonnes.

Wood Charcoal: It covers the solid residue of the destructive distillation and pyrolysis of wood and other vegetal material. **Electricity Only:** Refers to plants which are designed to produce electricity only. If one or more units of the plant is a CHP unit (and the inputs and outputs cannot be distinguished on a unit basis) then the whole plant is designated as a CHP plant.



Heat Only: Refers to plants (including heat pumps and electric boilers) designed to produce heat only and who sell heat to a third party (e.g. residential, commercial or industrial consumers) under the provisions of a contract.

CHP: Refers to plants which are designed to produce both heat and electricity (sometimes referred to as co-generation power stations). If possible, fuel inputs and electricity/heat outputs are on a unit basis rather than on a plant basis.

