

Global Graphite Market: Analysis By Demand, By Supply, By Type (Synthetic and Natural), By Application (Refractories, Foundries, Batteries, Friction Products, and Others), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2028

May 2023



Global Graphite Market: Coverage

Executive Summary and Scope

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Global Market Analysis

Regional Market Analysis

Supply Market Analysis

Impact of COVID-19

Dynamics

Competitive Landscape

Company Profiling

Global Graphite Market: Coverage

Scope of the Report

Attributes	Details
Title	Global Graphite Market: Analysis By Demand, By Supply, By Type (Synthetic and Natural), By Application (Refractories, Foundries, Batteries, Friction Products, and Others), By Region Size and Trends with Impact of COVID-19 and Forecast up to 2028
Coverage	Global and Regional
Regional Coverage	Asia Pacific (China, India, Rest of Asia Pacific), North America (The US, Canada, Mexico), Europe (Germany, UK, Rest of Europe), Rest of World
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2023-2028
Competition in the Market	Fragmented
Key Players	GrafTech International Ltd., Syrah Resources, Graphite India Limited, Tokai Carbon Co., Ltd., Talga Group, Resonac (Showa Denko K.K), Triton Mineral Limited, Focus Graphite Inc., Nippon Carbon Co. Ltd., Northern Graphite Corporation, AMG Advanced Metallurgical Group N.V., Mason Graphite, SGL Carbon SE

Global Graphite Market

Executive Summary

Graphite is a crystalline form of carbon also known as black lead is found in metamorphous and igneous rocks. It is the most stable form of pure carbon under standard conditions. Graphite is very soft, has a low specific gravity, is relatively non-reactive, and has high electrical and thermal conductivity which makes it highly suitable for industrial purposes. The graphite market has historically been driven by industrial demand, but the strong increase and positive outlook for electric vehicle (EV) and battery demand has emerged as a key growth driver. The global graphite market was valued at US\$23.73 billion in 2022 and is anticipated to reach US\$37.68 billion by 2028.

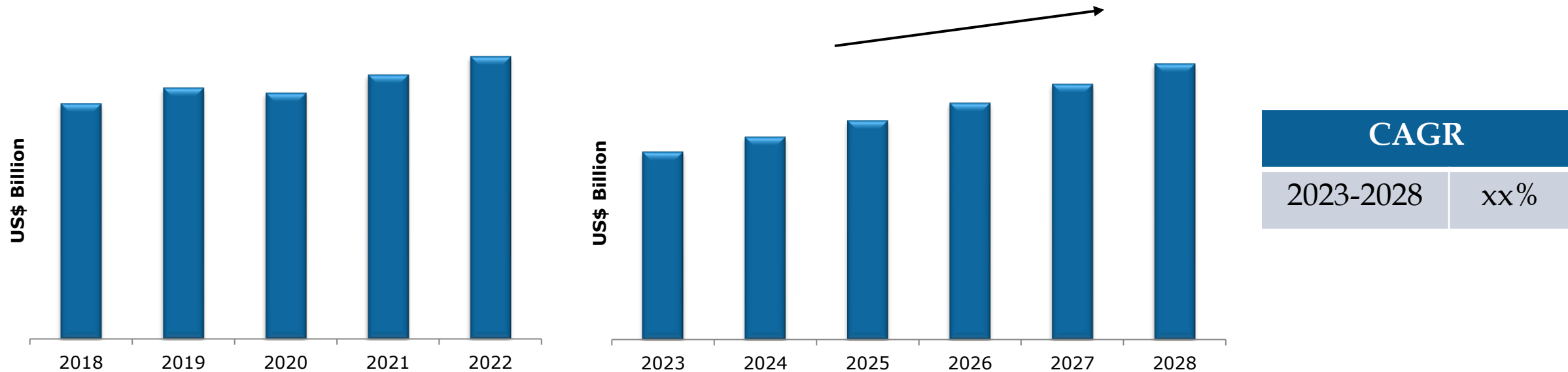
The global graphite market is segmented on the basis of type (Synthetic and Natural) and application (Refractories, Foundries, Batteries, Friction Products and Others). Synthetic graphite holds the majority of share while natural graphite is the fastest growing market, driven by rising demand of electric automobiles. Asia Pacific is dominating the market due to presence of large amount of natural resources in the region and also being a home to many emerging economies.

The COVID-19 significantly affected the market. The market became sluggish in pandemic due to supply chain disruption and labor shortages leading to closing of operations or decline of production of many graphite producing companies.

However, despite of adverse effects of COVID-19, the graphite market is anticipated to experience significant growth during the forecasted period of 2023-2038. The market is anticipated to be driven by factors like increasing demand for lithium-ion batteries, increasing demand for steel, growth of aero-space industry, increasing demand for carbon fibres and growth of emerging economies. However, factors like environmental concerns, challenges from alternative products and stringent qualification process can hamper the growth to some extent. Though, market would succeed due to various latest trends such as increasing demand for spherical graphite, growing demand for natural flake graphite, shift towards value added products, adoption of sustainable practices by companies, and growing interest in graphite mining investment due to its promising future.

Graphite Market: Global Analysis

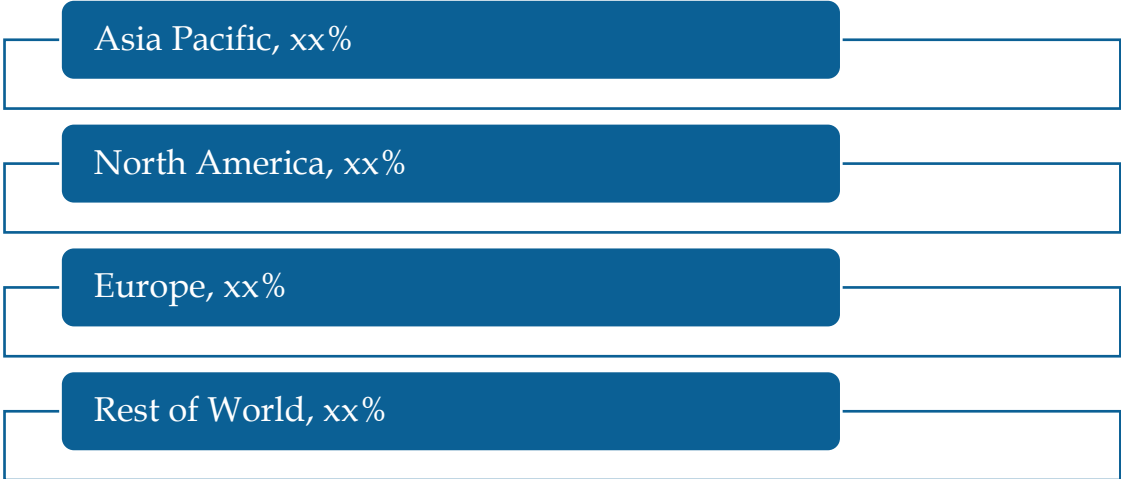
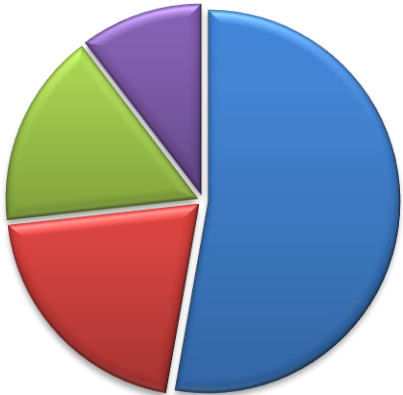
Global Graphite Market by Value



The global graphite market, valued at US\$... billion in 2022, increased as compared to US\$... billion in 2021. The global graphite market is anticipated to reach up to US\$... billion by 2028 from US\$... billion in 2023..

Graphite Market : Global Analysis

Global Graphite Market by Region; 2022



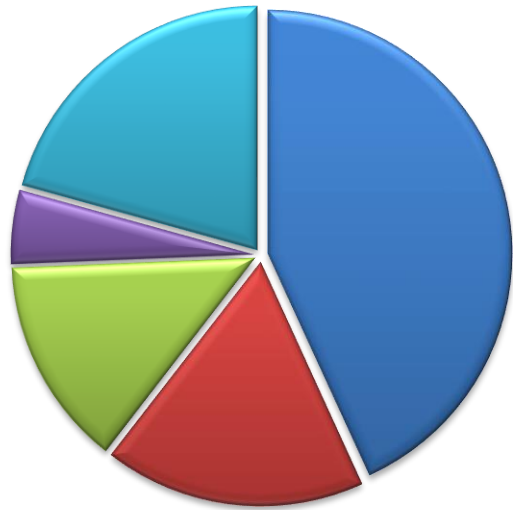
Global Graphite Market by Type ; 2022



Type	Share
Synthetic	xx%
Natural	xx%

Graphite Market : Global Analysis

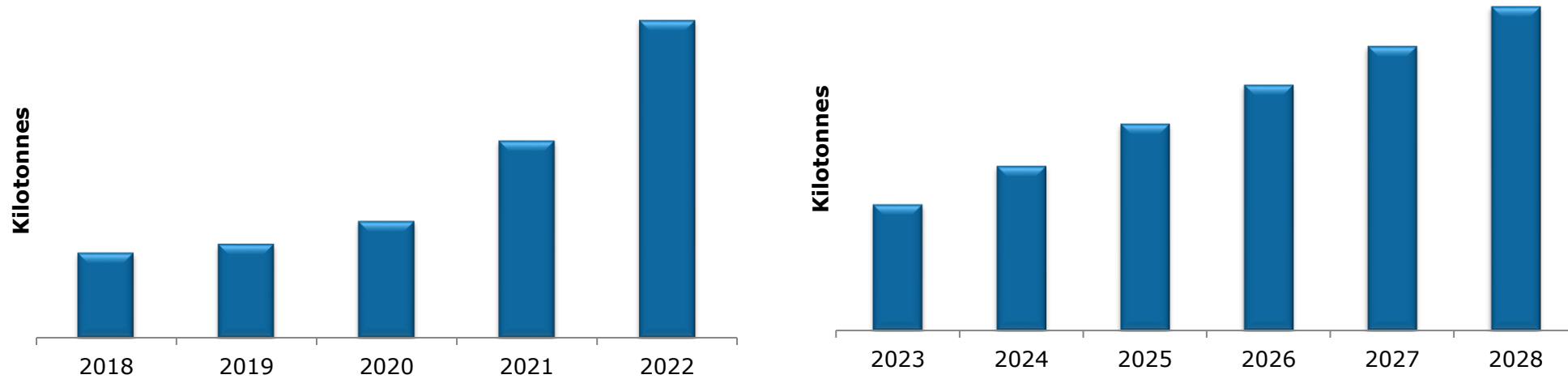
Global Graphite Market by Application; 2022



Application	Share
Refractories	xx%
Foundries	xx%
Batteries	xx%
Friction Products	xx%
Others	xx%

Global Graphite Market: Demand Analysis

Global Graphite Market by Demand

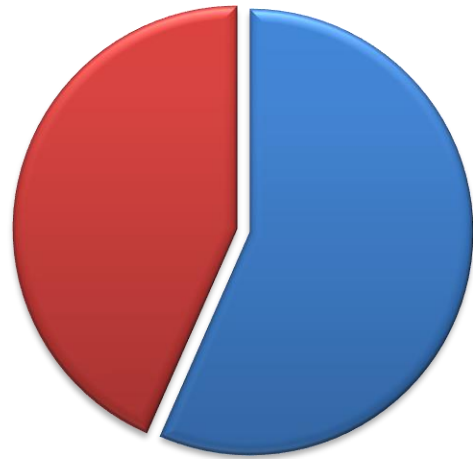


CAGR	
2018-2022	xx%
2023-2028	xx%

The global graphite market, by demand was ...Kilotonnes in 2022, increased as compared to ... Kilotonnes in 2021 at a CAGR of ...% from 2018 to 2022. The global graphite market demand is anticipated to reach up to ... Kilotonnes by 2028 from US\$... billion in 2023..

Global Graphite Market : Demand Analysis

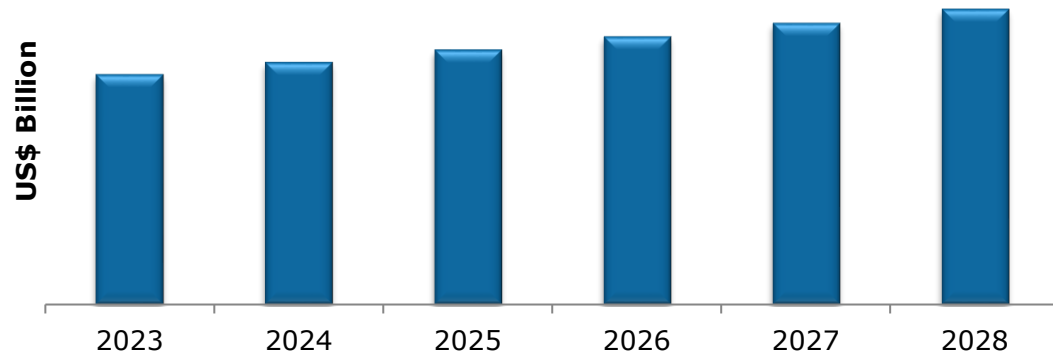
Global Graphite Market by Demand ; 2022



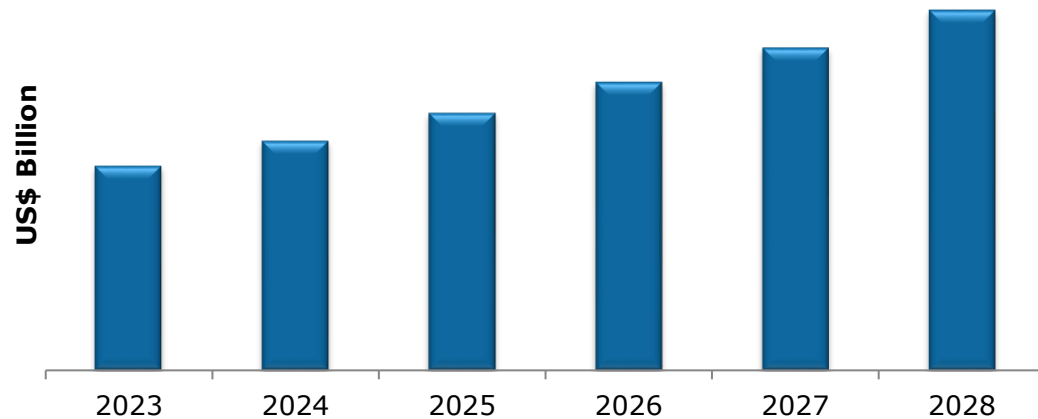
Demand	Share
Synthetic	xx%
Natural	xx%

Global Graphite Market : Type Analysis

Global Synthetic Graphite Market by Value



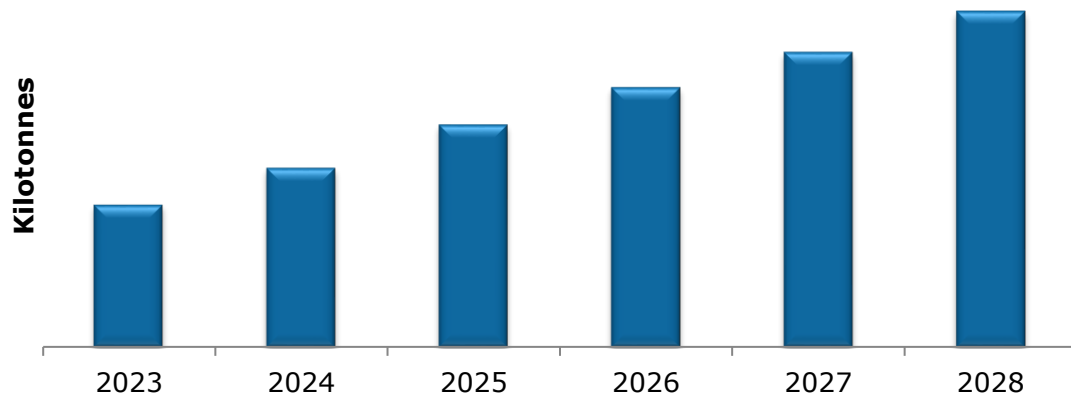
Global Natural Graphite Market by Value



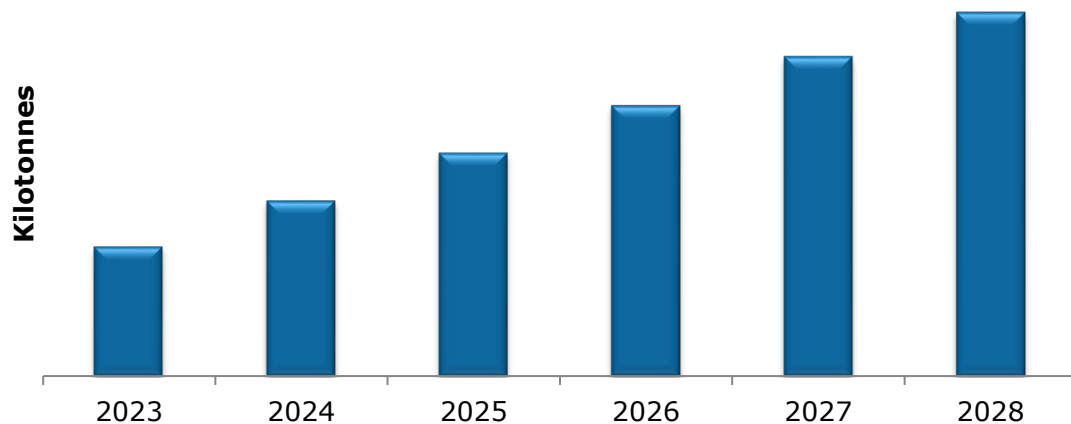
Type	CAGR	
	2018-2022	2023-2028
Synthetic	xx%	xx%
Natural	xx%	xx%

Global Graphite Market : Type Analysis

Global Synthetic Graphite Market by Demand



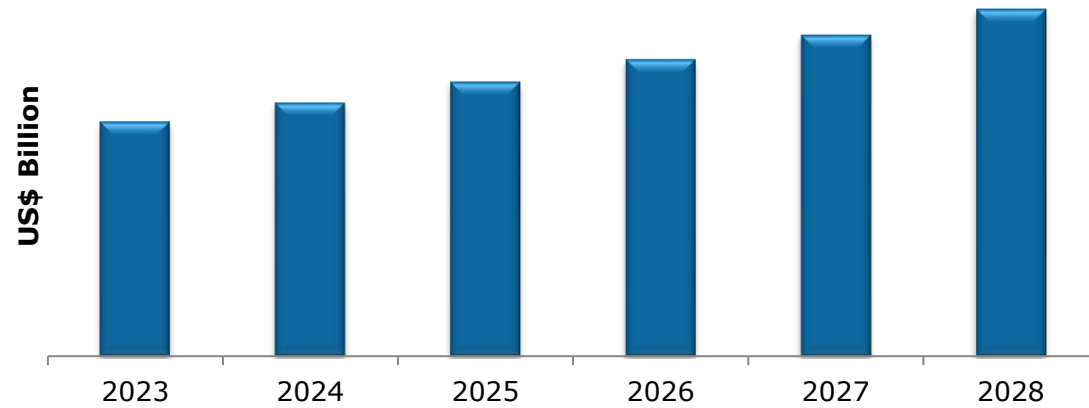
Global Natural Graphite Market by Demand



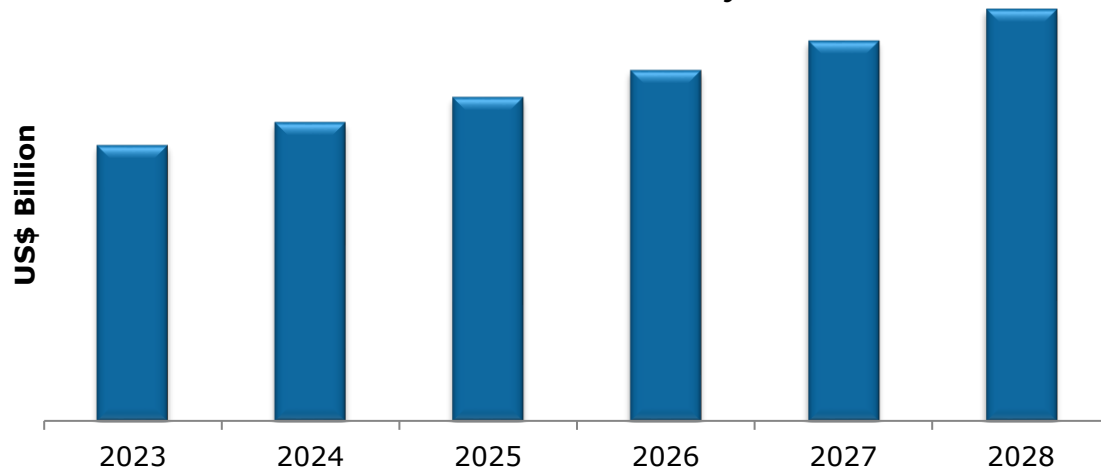
Type	CAGR	
	2018-2022	2023-2028
Synthetic	xx%	xx%
Natural	xx%	xx%

Global Graphite Market : Application Analysis

Global Refractories Market by Value



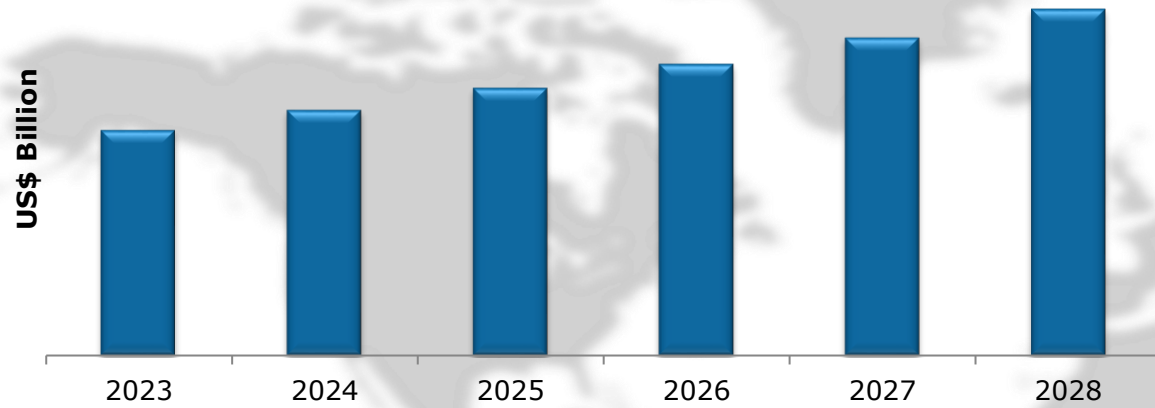
Global Batteries Market by Value



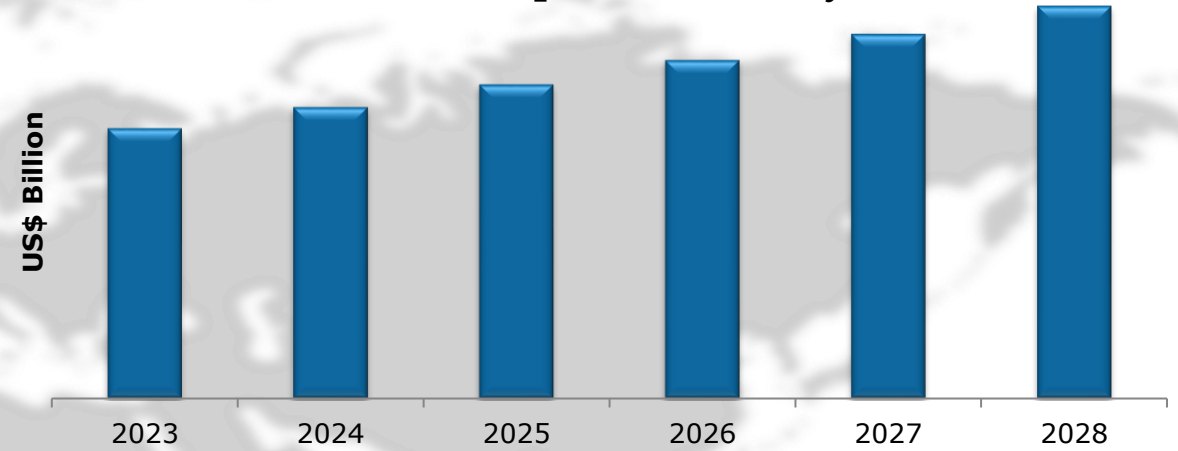
Application	CAGR	
	2018-2022	2023-2028
Refractories	xx%	xx%
Foundries	xx%	xx%
Batteries	xx%	xx%
Friction Products	xx%	xx%
Others	xx%	xx%

Global Graphite Market : Regional Analysis

Asia Pacific Graphite Market by Value



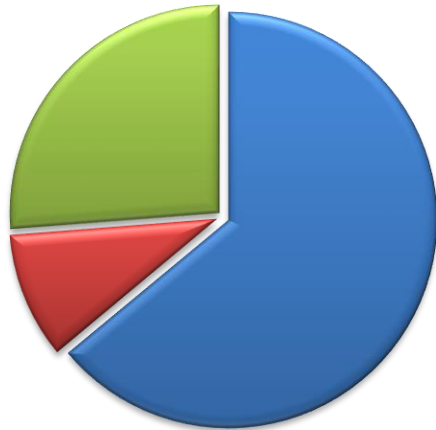
North America Graphite Market by Value



Region	CAGR	
	2018-2022	2023-2028
Asia Pacific	xx%	xx%
North America	xx%	xx%
Europe	xx%	xx%
Rest of World	xx%	xx%

Asia Pacific Graphite Market: An Analysis

Asia Pacific Graphite Market by Region; 2022



Region	Share (2022)	CAGR (2023-2028)
China	xx%	xx%
India	xx%	xx%
Rest of Asia Pacific	xx%	xx%

North America Graphite Market: An Analysis

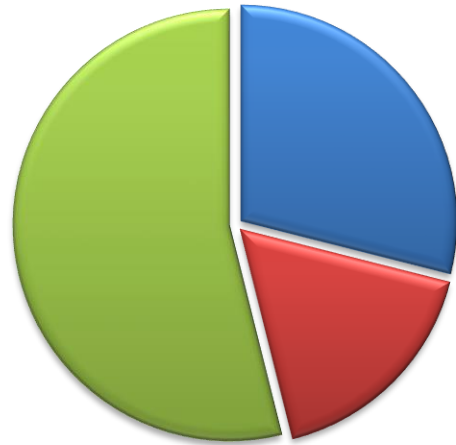
North America Graphite Market by Region; 2022



Region	Share (2022)	CAGR (2023-2028)
The US	xx%	xx%
Canada	xx%	xx%
Mexico	xx%	xx%

Europe Graphite Market: An Analysis

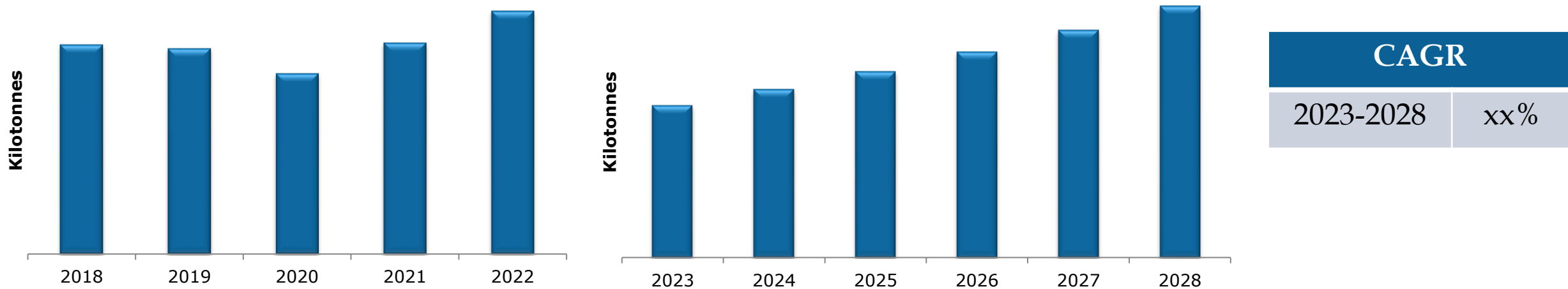
Europe Graphite Market by Region; 2022



Region	Share (2022)	CAGR (2023-2028)
Germany	xx%	xx%
UK	xx%	xx%
Rest of Europe	xx%	xx%

Global Natural Graphite Market: Supply Analysis

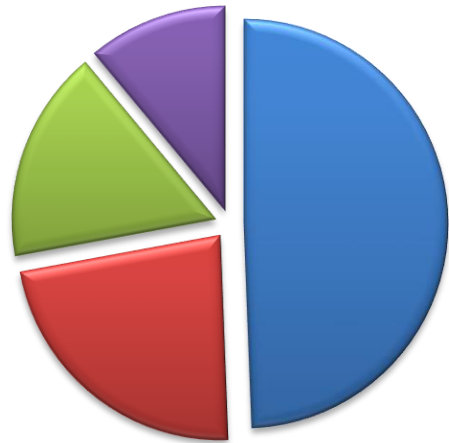
Global Graphite Market by Supply



The global graphite market, by supply was ...Kilotonnes in 2022, increased as compared to ... Kilotonnes in 2021. The global graphite market supply is anticipated to reach up to ... Kilotonnes by 2028 from US\$... billion in 2023..

Global Natural Graphite Market: Supply Analysis

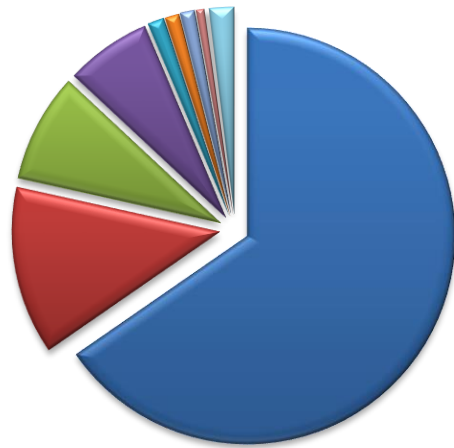
Global Natural Graphite Market Supply by Flake Size; 2022



Supply	Share (2022)
Fines (-100)	xx%
Medium (+100)	xx%
Large (+80)	xx%
Jumbo (+50)	xx%

Global Natural Graphite Market: Supply Analysis

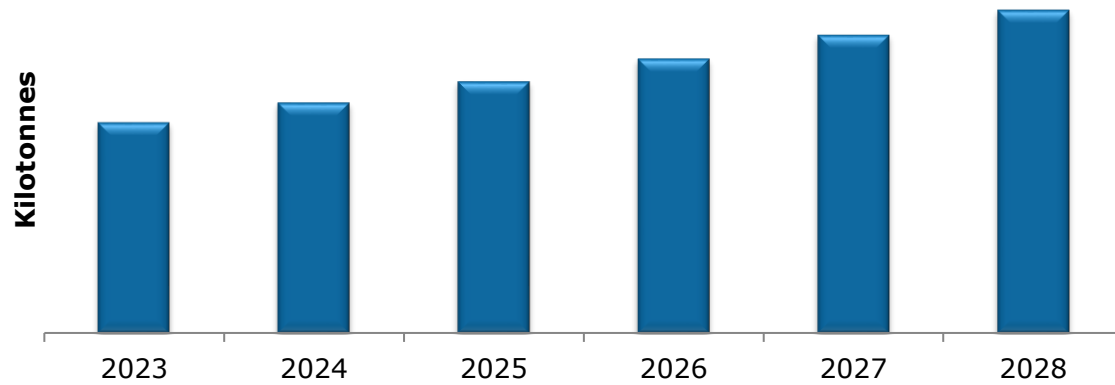
Global Natural Graphite Market Supply by Region; 2022



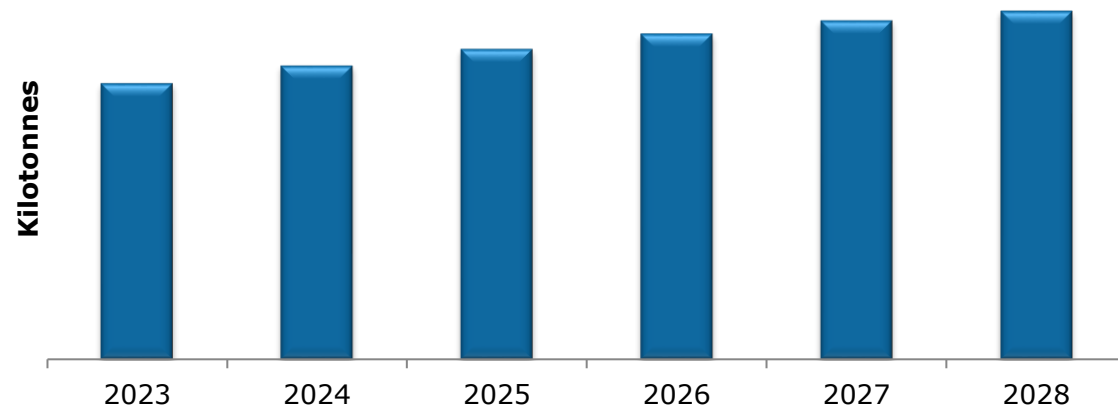
Region	Share (2022)
China	xx%
Mozambique	xx%
Madagascar	xx%
Brazil	xx%
South Korea	xx%
Canada	xx%
Russia	xx%
India	xx%
Ukraine	xx%
Germany	xx%
Others	xx%

Global Natural Graphite Market: Supply Analysis

Global Fines Natural Graphite Market by Supply



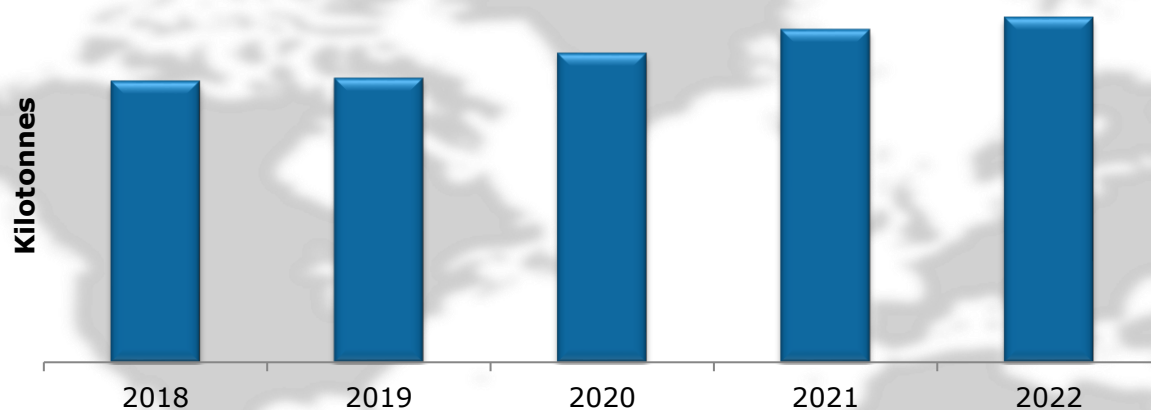
Global Medium Flakes Natural Graphite Market by Supply



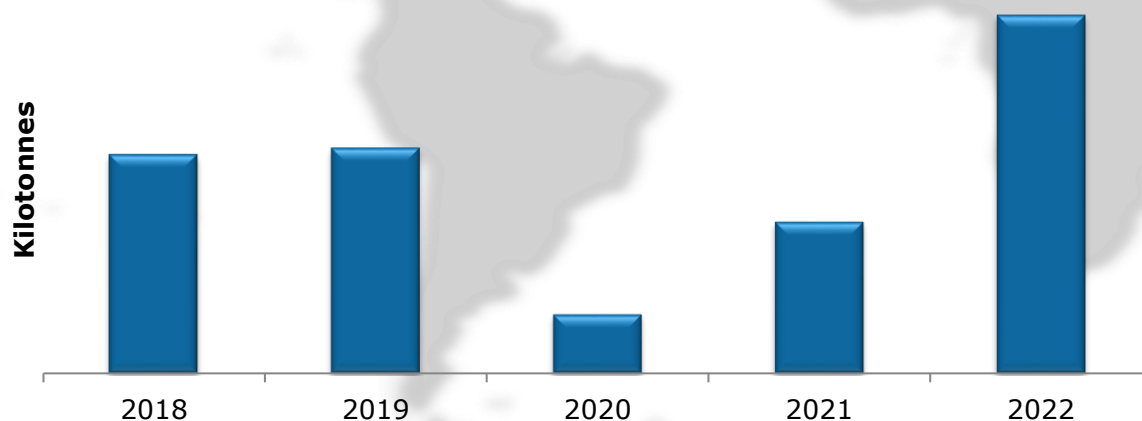
Supply	CAGR
	2023-2028
Fines (-100)	xx%
Medium (+100)	xx%
Large (+80)	xx%
Jumbo (+50)	xx%

Global Natural Graphite Market: Supply Analysis

China Natural Graphite Market Supply by Value

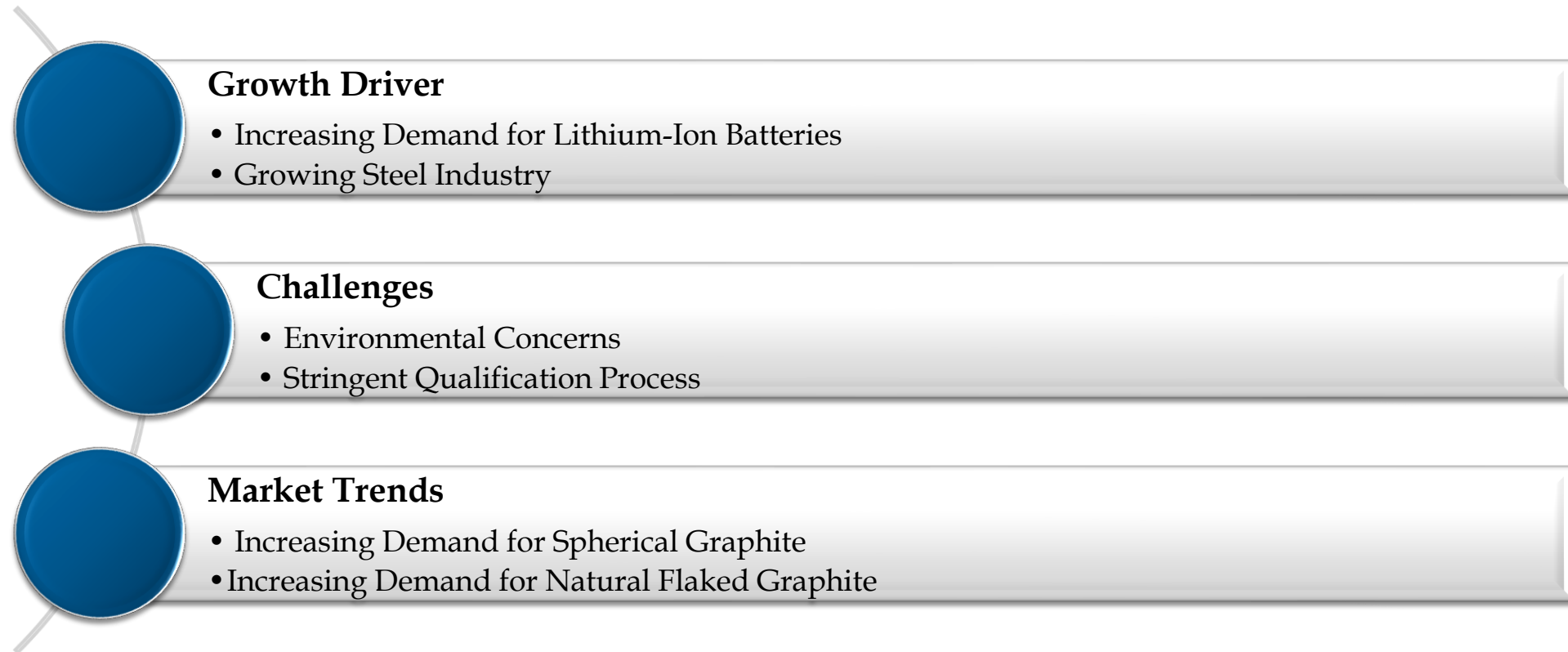


Mozambique Natural Graphite Market Supply by Value



Region	CAGR
	2018-2022
China	xx%
Mozambique	xx%
Madagascar	xx%
Brazil	xx%
South Korea	xx%
Canada	xx%
Russia	xx%
India	xx%
Ukraine	xx%
Germany	xx%
Others	xx%

Graphite Market: Dynamics



Graphite Market: Competitive Landscape

Players Profiled

- ❑ GrafTech International Inc.
- ❑ Syrah Resources
- ❑ Tokai Carbon Co., Ltd.
- ❑ Talga Group
- ❑ Resonac (Showa Denko K.K)
- ❑ AMG Advanced Metallurgical Group N.V.
- ❑ SGL Caron SE
- ❑ Graphite India Limited
- ❑ Nippon Carbon Co., Ltd.
- ❑ Triton Mineral Limited
- ❑ Focus Graphite Inc.
- ❑ Northern Graphite Corporation
- ❑ Mason Graphite

Syrah Resources, Renascor Resources and Talga Group Graphite Production; 2022-2027 (Kilotonnes)

