

Global Structural Health Monitoring Market

Global Structural Health Monitoring Market Size, Share, and COVID-19 Impact Analysis, By Technology (Wired and Wireless), By End Use (Civil Infrastructure, Aerospace and Defence, Mining , Energy and Others), By Offering (Software & Services and Hardware), By Hardware Type (Data Acquisition Systems (DAS) & Communication Systems , Sensors and Others) and By Region (North America, Europe, Asia-Pacific, Latin America, Middle East, and Africa), Analysis and Forecast 2021 - 2030

Report Summary:

This detailed business research report, focused on the **Structural Health Monitoring** business, fundamentally describes the concepts bifurcated by Technology, End Use, Offering and Hardware Type in terms of Value (USD Billion) and key players, and stakeholders in the **Structural Health Monitoring** Market comprehensively. Assessment of the current and historical **Structural Health Monitoring** business situation (2019-2021) is indicated, conflated with competitive landscape and consumer patterns, **Structural Health Monitoring** benefits and drawbacks, industry trends, and statistical predictions (2022-2030).

Regional **Structural Health Monitoring** industry characteristics and macroeconomic policies, industrial policies have also been included. From raw materials to downstream buyers of this **Structural Health Monitoring** industry will be analyzed statistically; the features of product distribution and sales channel will be presented as well.

- ◆ Main manufacturers/suppliers/vendors of **Structural Health Monitoring** Worldwide, with company and product introduction, position in the **Structural Health Monitoring** market
- ◆ Market status and development trends of Structural Health Monitoring by Technology , End Use, Offering and Hardware Type among others are bifurcated and evaluated analytically
- ◆ Gross margin status of **Structural Health Monitoring** and marketing status
- ◆ **Structural Health Monitoring** business growth drivers, restraints, opportunities, and challenges

This professional and validated report study supports to establish a 360-degree perspective of industrial developments, trends, and characteristics of the **Structural Health Monitoring** Market which vividly aids to address all the business issues comprehensively.

By Region

North America

U.S.
Canada

Europe

Germany
France
U.K.
Italy
Spain
Rest of Europe

Asia Pacific

China
Japan
India
South Korea
South-East Asia
Rest of Asia Pacific

Latin America

Brazil
Mexico
Rest of Latin America

The Middle-East and Africa

GCC Countries
South Africa
Rest of Middle-East Africa



Global Structural Health Monitoring Market Value (USD Billion) and- Growth Rate (%), By Region

REGION	2019	2022	2030
North America	xx	xx	xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Europe	xx	xx	xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Asia Pacific	xx	xx	xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Latin America	xx	xx	xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
The Middle-East and Africa	xx	xx	xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Total	xx	xx	xx

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

By Technology

- *Wired*
- *Wireless*

Global Structural Health Monitoring Market Value (USD Billion) and Growth Rate (%), By Technology

Service	2019	2022	2030
Wired	xx	xx	Xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Wireless	xx	xx	Xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

By End Use

- *Civil Infrastructure*
- *Mining*
- *Wireless*
- *Energy and Others*

Global Structural Health Monitoring Market Value (USD Billion) and Growth Rate (%), By End Use

Verticals	2019	2022	2030
Civil Infrastructure	xx	xx	Xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Aerospace and Defence	xx	xx	Xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Mining	xx	xx	Xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Energy and Others	xx	xx	xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Others	xx	xx	xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

By Offering

- Software & Services
- Hardware

Global Structural Health Monitoring Market Value (USD Billion) and Growth Rate (%), By Offering

Verticals	2019	2022	2030
Software & Services	xx	xx	Xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Hardware	xx	xx	Xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%

By Hardware Type

- Data Acquisition Systems (DAS) & Communication Systems
- Sensors
- Others

Global Structural Health Monitoring Market Value (USD Billion) and Growth Rate (%), By Hardware Type

Verticals	2019	2022	2030
Data Acquisition Systems (DAS) & Communication Systems	xx	xx	Xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Sensors	xx	xx	Xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%
Others	xx	xx	xx
Growth Rate	(2019-2021): xx%		(2022-2030): xx%

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

Key Players (sourced from an extensive pool of all the operating players across the globe)

- *Acellent Technologies*
- *Inc.*
- *Sixense*
- *Nova Ventures Group Corp.*
- *Structural Monitoring System Plc.*
- *Digitexx Data Systems*
- *Inc.*
- *SGS S.A.*
- *Campbell Scientific*
- *Inc.*
- *COWI A/S*
- *GEOKON*
- *Geocomp Corporation*
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CHAPTER 1 Executive Summary

The global Structural Health Monitoring Market is projected to reach Value (USD Billion) by 2030, from Value (USD Billion) in 2021 and is anticipated to register a CAGR of xx % between 2022 and 2030.

1.1 Introduction of Structural Health Monitoring

1.1.1 Global Structural Health Monitoring Market, 2022 & 2030 Value (USD Billion)

TABLE 1 Global Structural Health Monitoring Market, 2022 & 2030 Value (USD Billion)

Parameter	2022	2030
Global Structural Health Monitoring Market Value (USD Billion)	Xx	xx
CAGR % (2022-2030)	xx%	
Global Structural Health Monitoring Market	Xx	
CAGR % (2022-2030)	xx%	
Largest Market Segment, by Technology (USD Million)	XX Segment: xx	XX Segment: xx
Largest Market Segment, by End Use (USD Million)	XX Segment: xx	XX Segment: xx
Key Growth Market Segment, by region CAGR % (2022-2030)	XX Segment – xx%	

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

1.2 COVID-19 Impacts on Structural Health Monitoring Market Industry

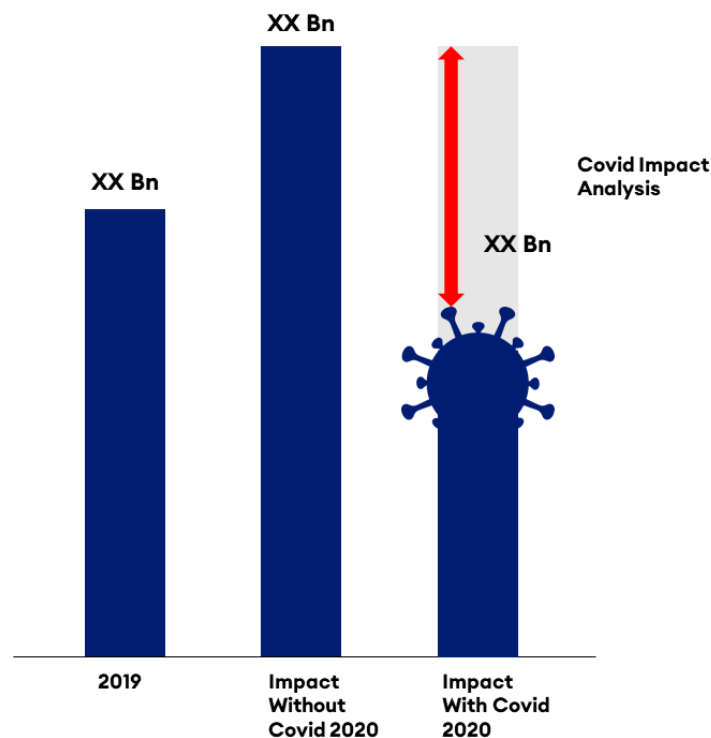
This updated and latest version of the report would be considering the impact of COVID-19 on Structural Health Monitoring Market across the globe as well as on different regions and individual countries. The effects of COVID-19 pandemic will be analyzed on the overall industry including both the demand side and supply side perspectives. The effects of the pandemic would be studied and analyzed for short-term, mid-term, and long-term scenarios. This would assist to formulate business strategies for the period during pandemic as well as post-pandemic period for all stakeholders involved in Structural Health Monitoring Market industry including suppliers, manufacturers, vendors, distributors, and end-users.

1.2.1 COVID-19 Short-Term Impact & Business Strategies

1.2.2 COVID-19 Mid-Term Impact & Business Strategies

1.2.3 COVID-19 Long-Term Impact & Business Strategies

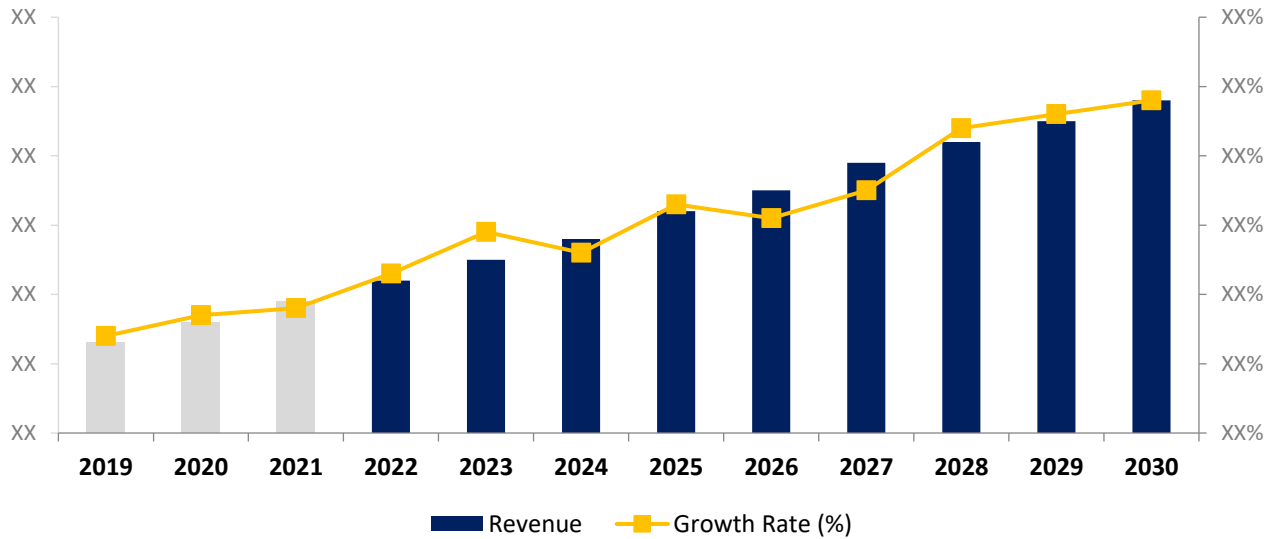
FIGURE 1 COVID -19 IMPACT ANALYSIS



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

1.3 Global Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

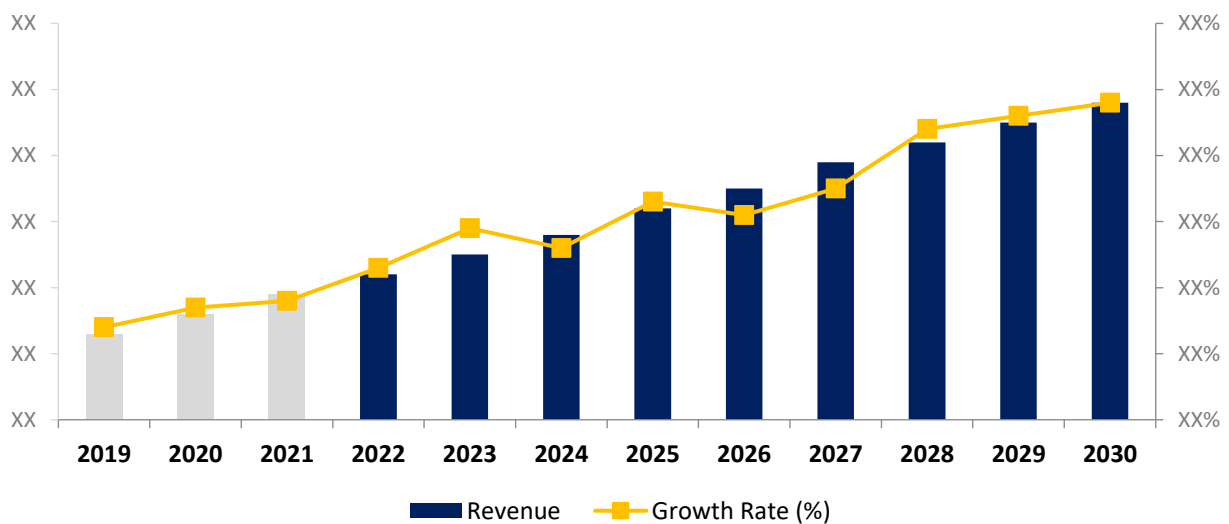
FIGURE 2 Global Structural Health Monitoring Market, 2019-2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

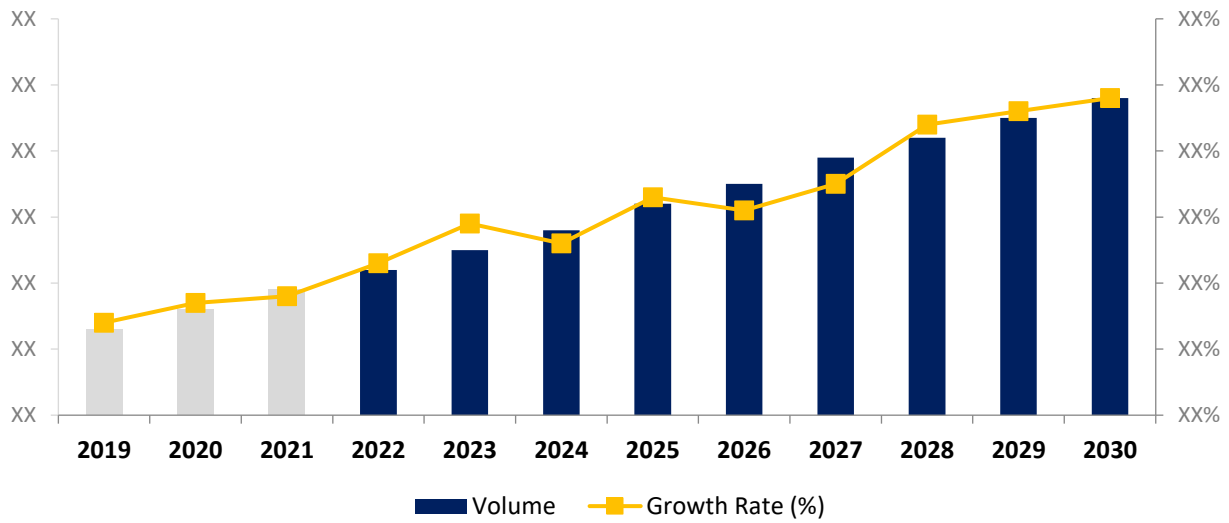
1.4 Global Structural Health Monitoring Market Absolute Revenue Opportunity, 2019-2030 Value (USD Billion)

FIGURE 3 Global Structural Health Monitoring Market Absolute Revenue Opportunity, 2019-2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

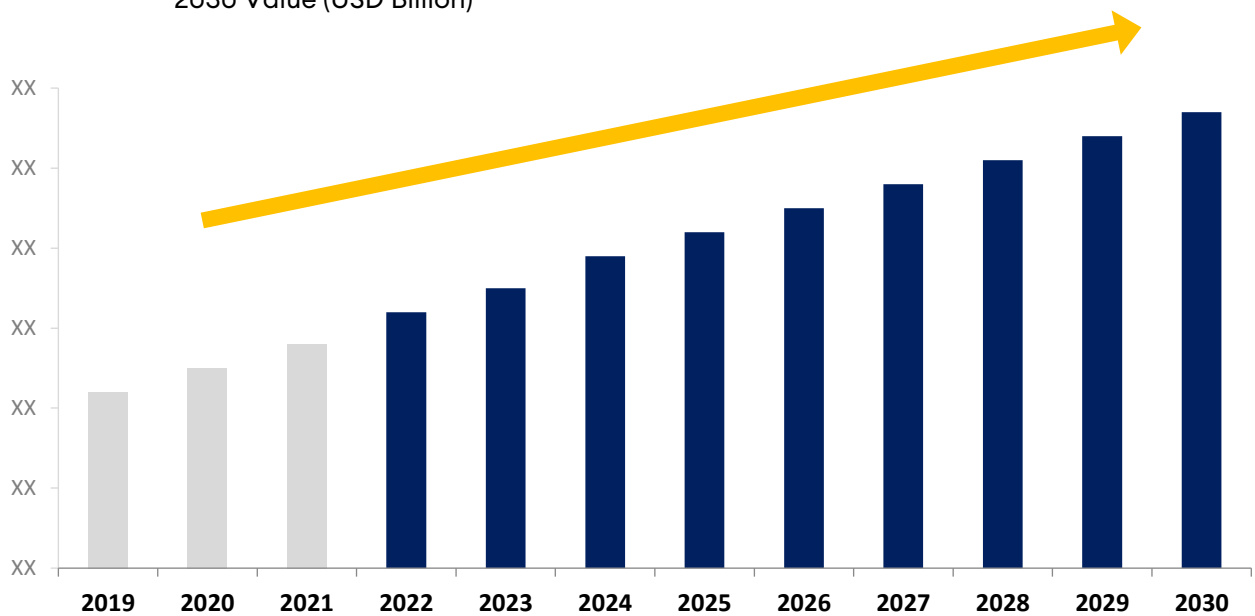
FIGURE 4 Global Structural Health Monitoring Market Absolute Volume Opportunity, 2019-2030



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

1.5 Global Structural Health Monitoring Market Incremental Revenue Opportunity, 2019-2030 Value (USD Billion)

FIGURE 5 Global Structural Health Monitoring Market Incremental Revenue Opportunity, 2019-2030 Value (USD Billion)



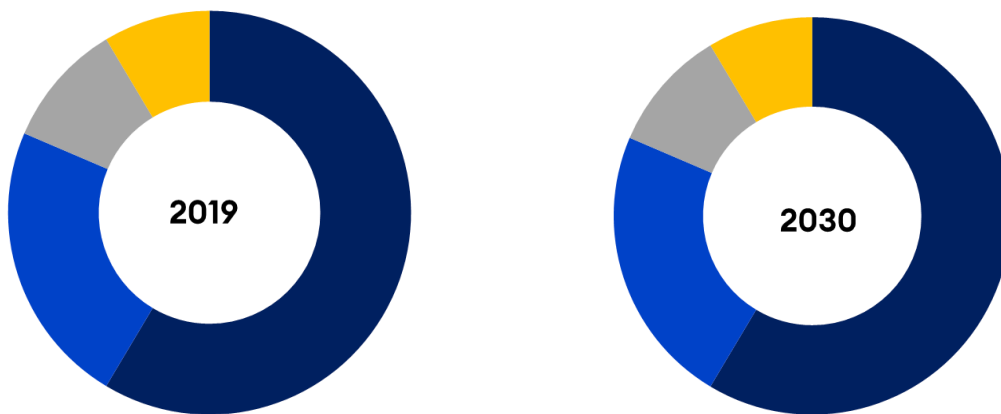
Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

CHAPTER 2 Structural Health Monitoring Market – Technology Analysis

2.1 Global Structural Health Monitoring Market –Technology Overview

2.2 Global Structural Health Monitoring Market Share, by Technology, 2019 & 2030 Value (USD Billion)

FIGURE 6 Global Structural Health Monitoring Market Share, by Technology, 2019 & 2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

Note: Charts & Figures only for Illustration purpose

TABLE 2 Global Technology Market, by Technology, 2019-2030 Value (USD Billion)

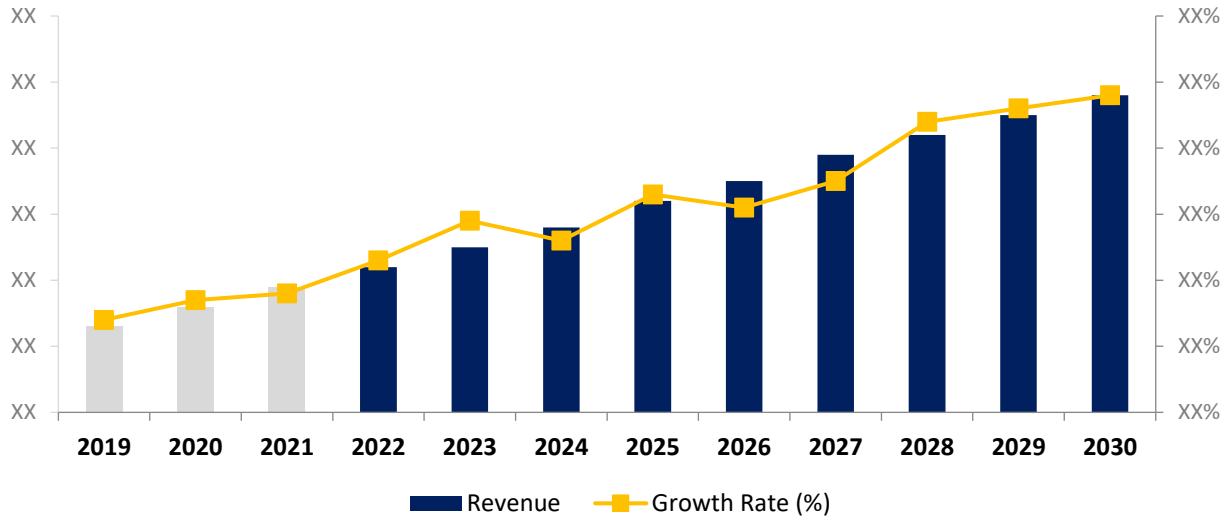
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Wired													
Wireless													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

2.3 Wired

2.3.1 Global Structural Health Monitoring Market by Wired, 2019-2030 Value (USD Billion)

FIGURE 7 Global Structural Health Monitoring Market by Wired, 2019-2030



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

****The deliverable report copy post purchase will include qualitative information along with historical, current & future trends, graphs, figures, and tables as well as recent developments/advances in each segment as represented above***

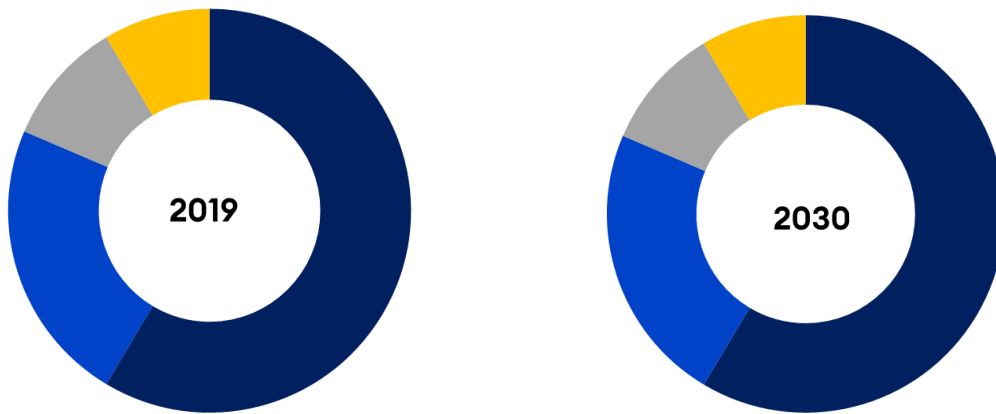
2.4 Wireless

CHAPTER 3 Structural Health Monitoring Market – End Use Analysis

3.1 Global Structural Health Monitoring Market – End Use Overview

3.2 Global Structural Health Monitoring Market Share, by End Use, 2019 & 2030 Value (USD Billion)

FIGURE 8 Global Structural Health Monitoring Market Share, by End Use, 2019 & 2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

Note: Charts & Figures only for Illustration purpose

Table 1 Global Structural Health Monitoring Market, by End Use, 2019-2030 Value (USD Billion)

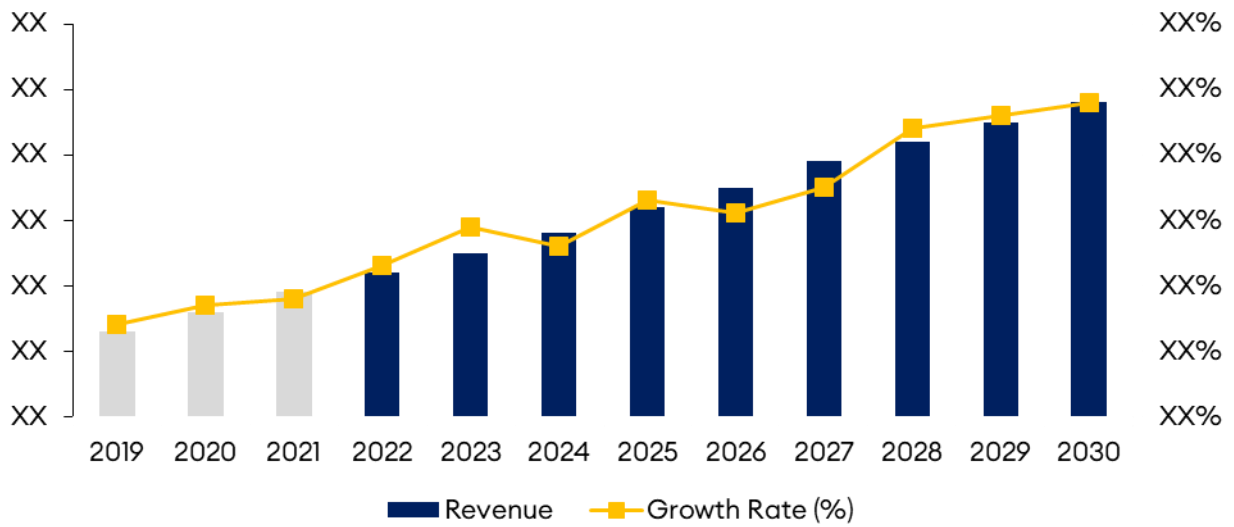
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Civil Infrastructure													
Aerospace and Defence													
Mining													
Energy and Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

3.3 Civil Infrastructure

3.3.1 Global Structural Health Monitoring Market for Civil Infrastructure, 2019 - 2030 Value (USD Billion)

FIGURE 9 Global Structural Health Monitoring Market for Civil Infrastructure, 2019 - 2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

****The deliverable report copy post purchase will include qualitative information along with historical, current & future trends, graphs, figures, and tables as well as recent developments/advances in each segment as represented above***

3.4 Aerospace and Defence

3.5 Mining

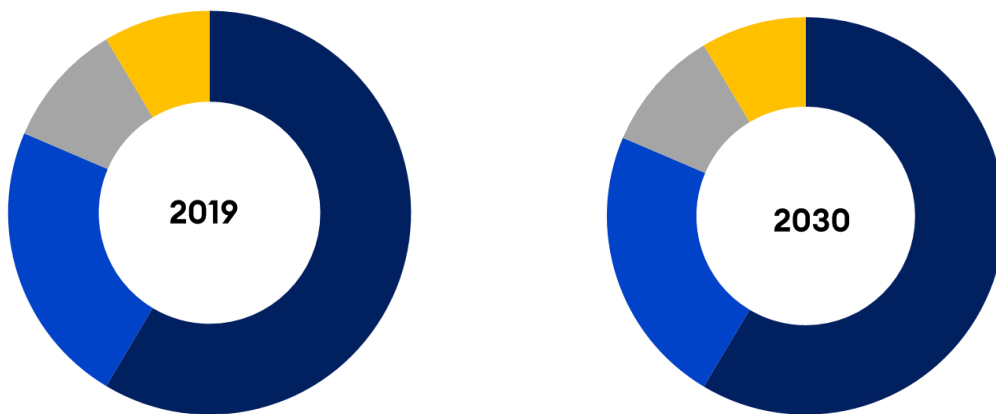
3.6 Energy and Others

CHAPTER 4 Structural Health Monitoring Market – Offering Analysis

4.1 Global Structural Health Monitoring Market – Offering Overview

Global Structural Health Monitoring Market Share, by Offering, 2019 & 2030 Value (USD Billion)

FIGURE 10 Global Structural Health Monitoring Market Share, by Offering, 2019 & 2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

Note: Charts & Figures only for illustration purpose

Table 2 Global Structural Health Monitoring Market, by Offering, 2019-2030 Value (USD Billion)

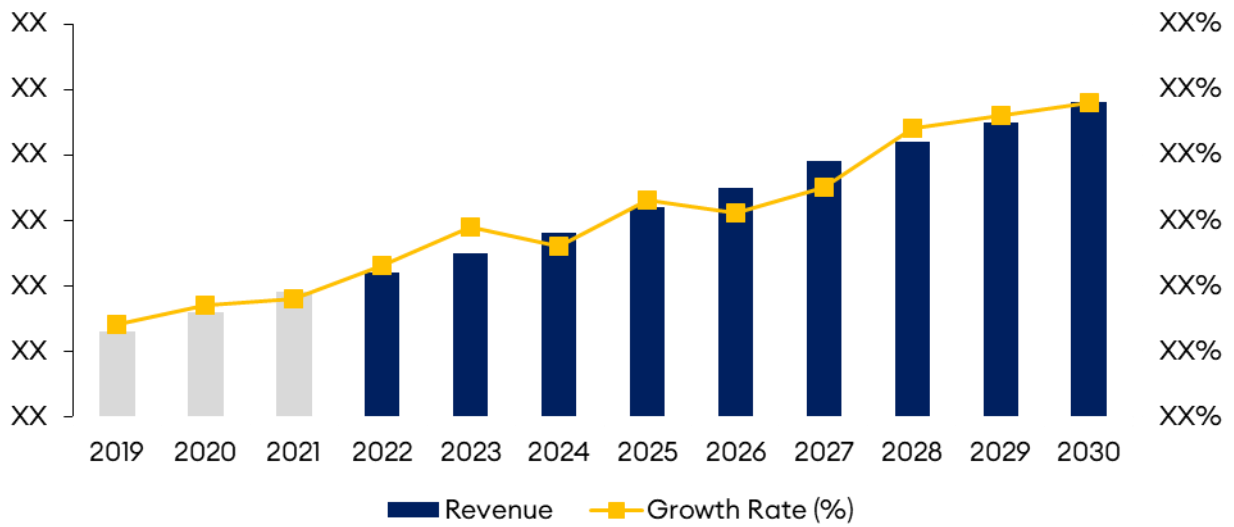
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Software & Services													
Hardware													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

4.1.1 Software & Services

4.1.2 Global Structural Health Monitoring Market for Software & Services, 2019 - 2030 Value (USD Billion)

FIGURE 11 Global Structural Health Monitoring Market for Software & Services, 2019 - 2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

****The deliverable report copy post purchase will include qualitative information along with historical, current & future trends, graphs, figures, and tables as well as recent developments/advances in each segment as represented above***

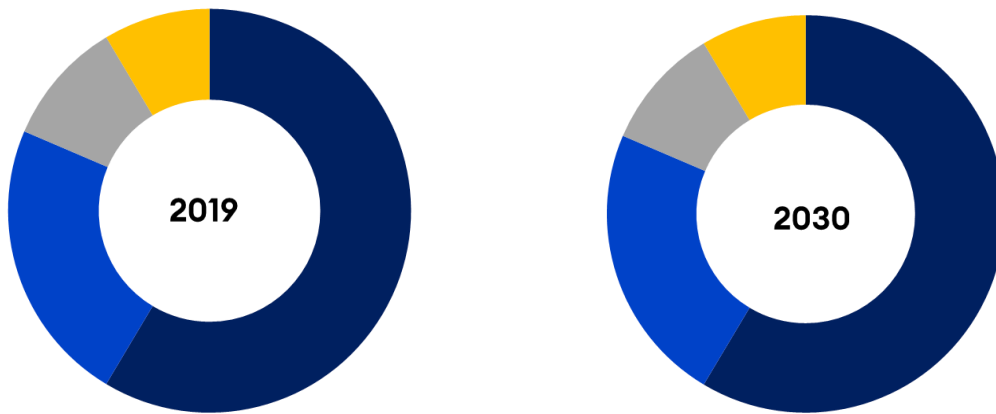
4.2 Hardware

CHAPTER 5 Structural Health Monitoring Market – Hardware Type Analysis

5.1 Global Structural Health Monitoring Market – Hardware Type Overview

Global Structural Health Monitoring Market Share, by Hardware Type, 2019 & 2030 Value (USD Billion)

FIGURE 12 Global Structural Health Monitoring Market Share, by Hardware Type, 2019 & 2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

Note: Charts & Figures only for Illustration purpose

Table 3 Global Structural Health Monitoring Market, by Hardware Type, 2019-2030 Value (USD Billion)

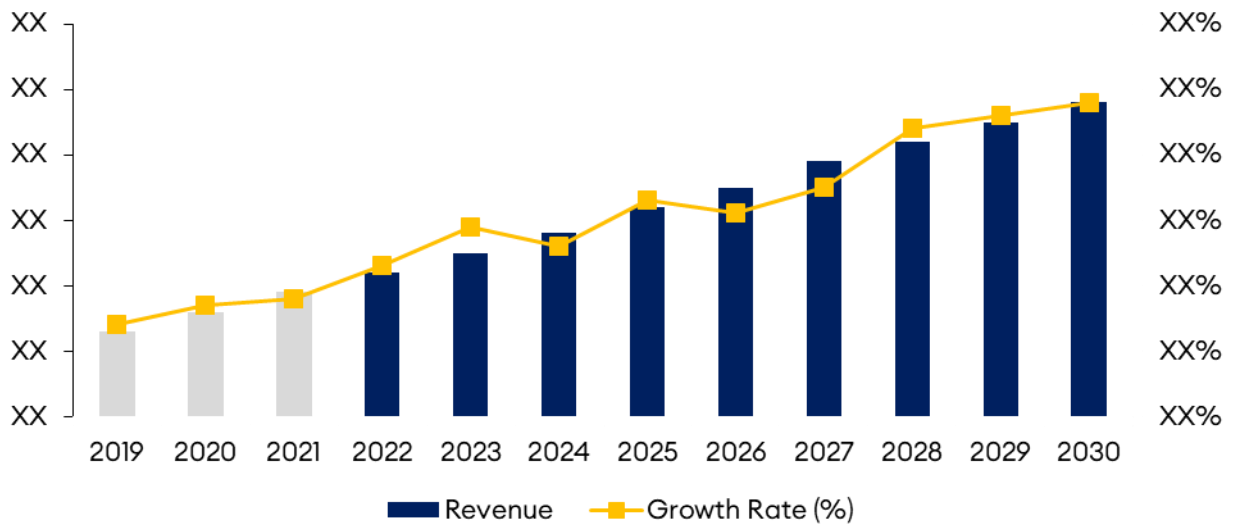
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Data Acquisition Systems (DAS) & Communication Systems													
Sensors													
Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

5.1.1 Data Acquisition Systems (DAS) & Communication Systems

5.1.2 Global Structural Health Monitoring Market for Data Acquisition Systems (DAS) & Communication Systems, 2019 - 2030 Value (USD Billion)

FIGURE 13 Global Structural Health Monitoring Market for Data Acquisition Systems (DAS) & Communication Systems , 2019 - 2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

****The deliverable report copy post purchase will include qualitative information along with historical, current & future trends, graphs, figures, and tables as well as recent developments/advances in each segment as represented above***

5.2 Sensors

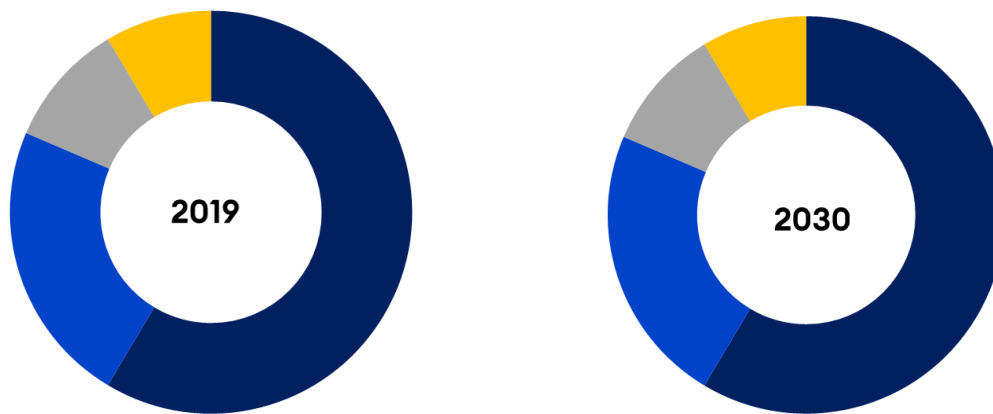
5.3 Others

CHAPTER 6 Structural Health Monitoring Market – Regional Analysis

6.1 Global Structural Health Monitoring Market Regional Overview

6.2 Global Structural Health Monitoring Market Share, by Region, 2019 & 2030 Value (USD Billion)

TABLE 3 Global Structural Health Monitoring Market Share, by Region, 2019 & 2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

Note: Charts & Figures only for Illustration purpose

TABLE 4 Global Structural Health Monitoring Market, by Region, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
North America													
Europe													
APAC													
South America													
MEA													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.3 North America

In North America markets, business owners have become more cautious in their views on potential scenarios for COVID-19 recovery. One thing that will certainly improve expectations in every country is news of a safe and broadly available vaccine. In North America, the United States is most affected by the epidemic. The U.S. has crossed more than 6 million cases and Canada has witnessed a total 1.2 million cases. In North America, the United States is most affected by the epidemic.

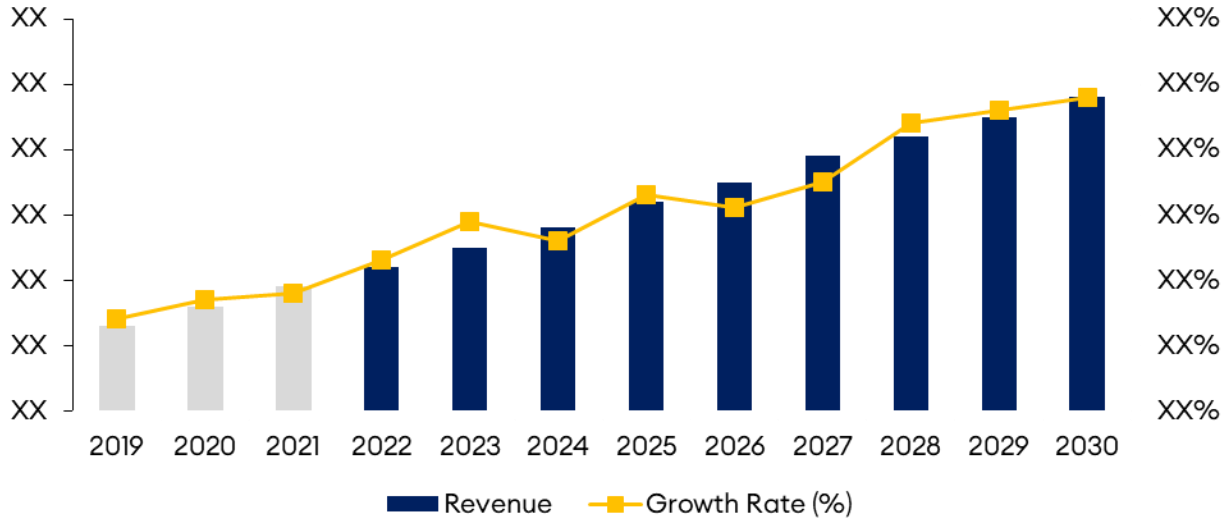
U.S. PMI increased to 53.6 in August from 50.9 in July. It is observed that the reopening of clients and resumption of business has driven the new orders and propelled the business growth. Many firms recorded the first rise in foreign client demand since December 2019. However, the rate of input cost is rising since the start of January 2019. Manufacturers have passed these costs to their customers by an increase in terms of pricing.

Canada Manufacturing PMI increased to 52.9 in July 2020 from 47.8 in June. Output has risen at the fastest rate and new orders have risen for the first time since February in the midst of a sales rebound as consumers returned to work and transactions have resumed. Jobs first increased in five months though export revenues continued to decline as demand remained low overseas. On the market front, higher transport and raw materials costs and evidence of supplier surcharges related to COVID-19 raised input prices while output price inflation slowed slightly. Finally, manufacturers remained positive, with expectations still moderated after June due to the possibility of a second wave of infections, in the midst of worries about the global economic outlook.

***market specific analysis will be provided in the final deliverable*

6.3.1 North America Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 14 North America Structural Health Monitoring Market, 2019-2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.3.1.1 North America Structural Health Monitoring Market, by Country, 2019-2030 Value (USD Billion) &

TABLE 5 North America Structural Health Monitoring Market, by Country, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
U.S.													
Canada													
Mexico													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.3.2 North America Structural Health Monitoring Market, by Technology, 2019-2030

6.3.2.1 North America Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

TABLE 6 North America Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Wired													
Wireless													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.3.3 North America Structural Health Monitoring Market, by End Use, 2019-2030

6.3.3.1 North America Structural Health Monitoring Market, by End Use, 2019-2030 Value (USD Billion)

TABLE 7 North America Structural Health Monitoring Market, by End Use, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Civil Infrastructure													
Aerospace and Defence													
Mining													
Energy and Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.3.4 North America Structural Health Monitoring Market, by Offering, 2019-2030

6.3.4.1 North America Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

TABLE 8 North America Structural Health Monitoring Market, by Offering, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Software & Services													
Hardware													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.3.5 North America Structural Health Monitoring Market, by Hardware Type, 2019-2030

6.3.5.1 North America Structural Health Monitoring Market, by Hardware Type, 2019-2030 Value (USD Billion)

TABLE 9 North America Structural Health Monitoring Market, by Hardware Type, 2019-2030 Value (USD Billion)

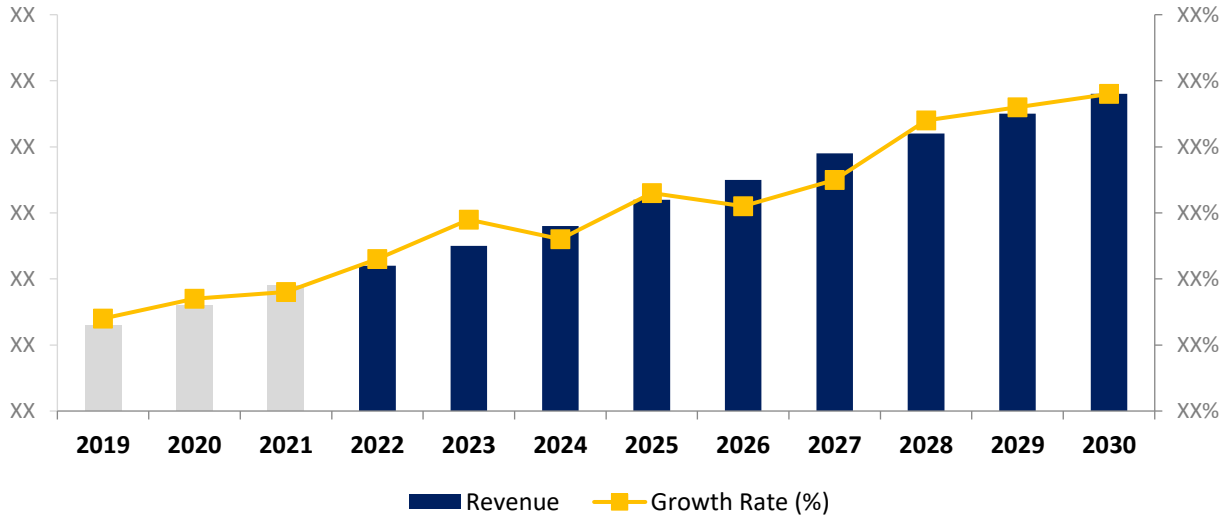
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Data Acquisition Systems (DAS) & Communication Systems													
Sensors													
Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.3.6 U.S.-

6.3.6.1 U.S. Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

TABLE 10 U.S. Structural Health Monitoring Market, 2019-2030 Value (USD Billion)



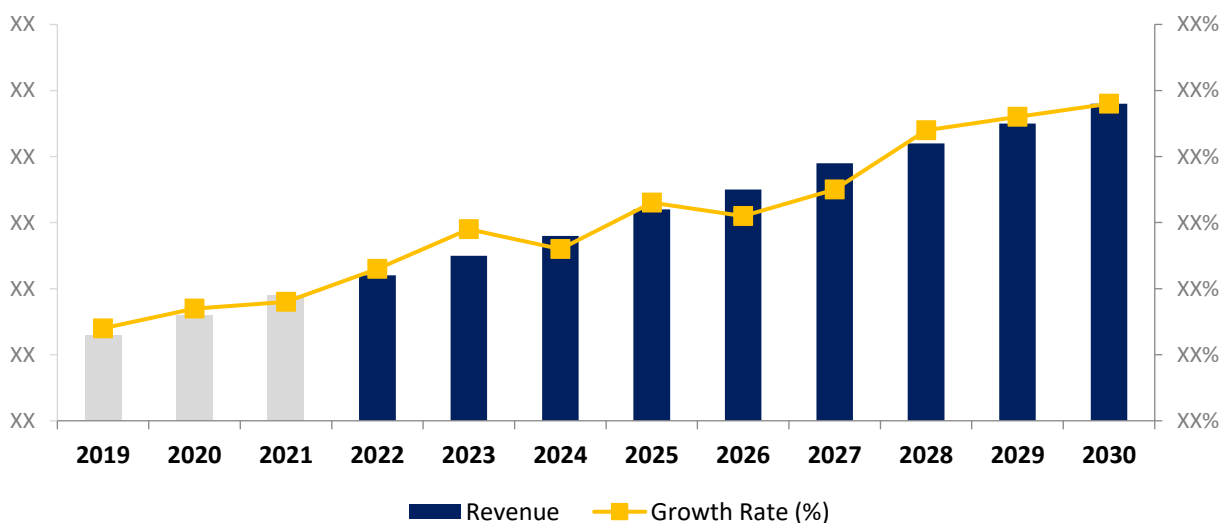
Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

***The deliverable report copy post purchase will include qualitative information along with historical, current & future trends, graphs, figures, and tables as well as recent developments/advances in each region, country, and segment as represented above**

6.3.7 Canada

6.3.7.1 Canada Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 15 Canada Structural Health Monitoring Market, 2019-2030 Value (USD Billion)



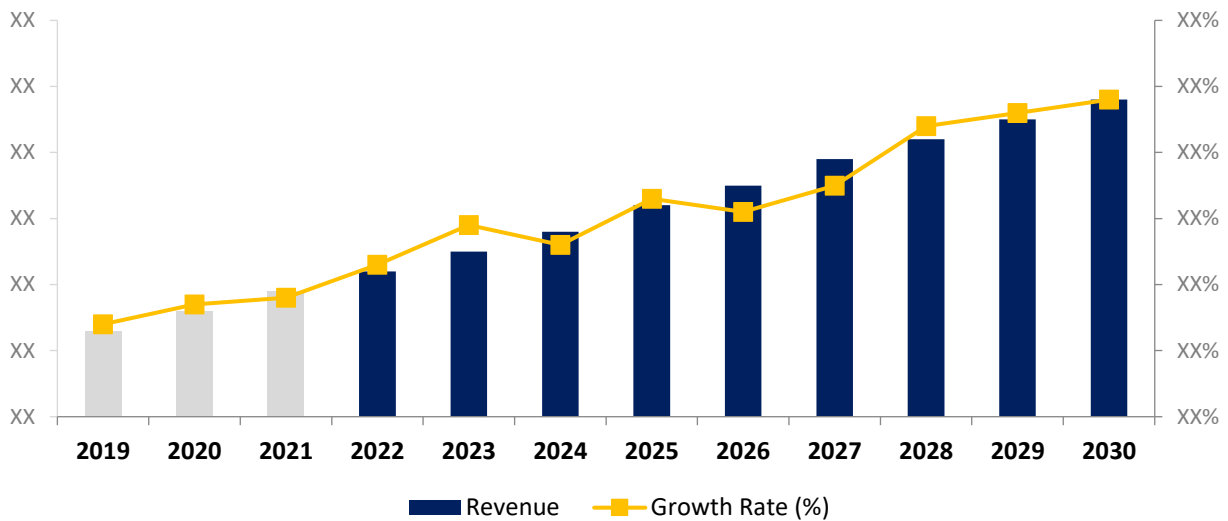
Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

**The deliverable report copy post purchase will include qualitative information along with historical, current & future trends, graphs, figures, and tables as well as recent developments/advances in each region, country, and segment as represented above*

6.4 Europe

6.4.1 Europe Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 16 Europe Structural Health Monitoring Market, 2019-2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.4.1.1 Europe Structural Health Monitoring Market, by Country, 2019-2030 Value (USD Billion) &

TABLE 11 Europe Structural Health Monitoring Market, by Country, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Germany													
France													
UK													
Italy													
Spain													
Rest of Europe													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.4.2 Europe Structural Health Monitoring Market, by Technology, 2019-2030

6.4.2.1 Europe Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

TABLE 12 Europe Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Wired													
Wireless													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.4.3 Europe Structural Health Monitoring Market, by End Use, 2019-2030

6.4.3.1 Europe Structural Health Monitoring Market, by End Use, 2019-2030 Value (USD Billion)

TABLE 13 Europe Structural Health Monitoring Market, by End Use, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Civil Infrastructure													
Aerospace and Defence													
Mining													
Energy and Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.4.4 Europe Structural Health Monitoring Market, by Offering, 2019-2030

6.4.4.1 Europe Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

TABLE 14 Europe Structural Health Monitoring Market, by Offering, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Software & Services													
Hardware													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.4.5 Europe Structural Health Monitoring Market, by Hardware Type, 2019-2030

6.4.5.1 Europe Structural Health Monitoring Market, by Hardware Type, 2019-2030 Value (USD Billion)

TABLE 15 Europe Structural Health Monitoring Market, by Hardware Type, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Data Acquisition Systems (DAS) & Communication Systems													
Sensors													
Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.4.6 Germany

6.4.6.1 Germany Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 17 Germany Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.4.7 France

6.4.7.1 France Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 18 France Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.4.8 UK

6.4.8.1 UK «Structural Health Monitoring» Market, 2019-2030 Value (USD Billion)

FIGURE 19 UK Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.4.9 Italy

6.4.9.1 Italy Structural Health Monitoring Market, 2019-2030 (USD Million)

FIGURE 20 Italy Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.4.10 Spain

6.4.10.1 Spain Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 21 Spain Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.4.11 Rest of Europe

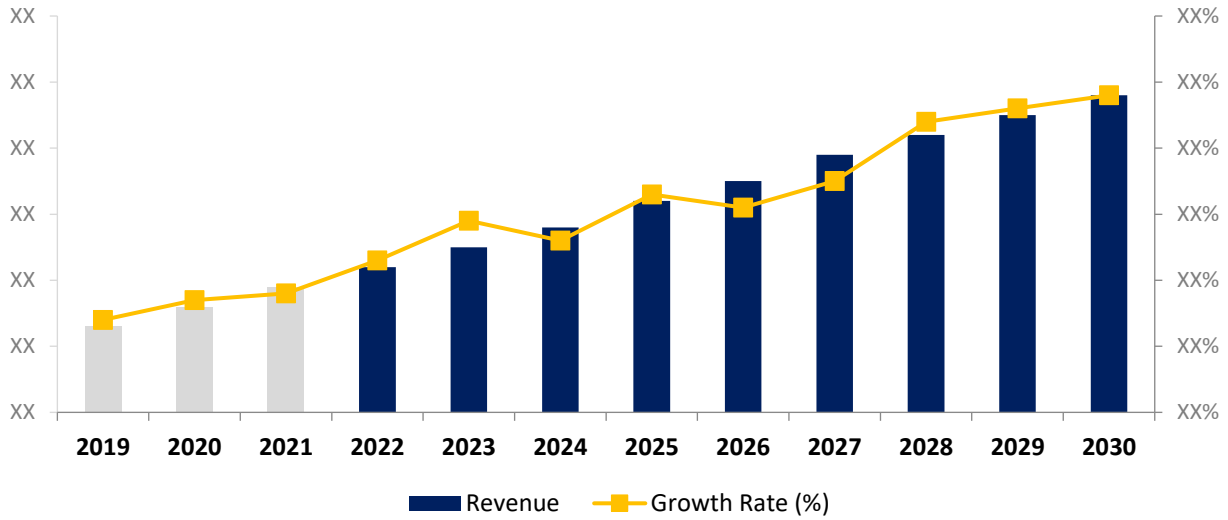
6.4.11.1 Rest of Europe Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 22 Rest of Europe «Structural Health Monitoring» Market, 2019-2030 Value (USD Billion)

6.5 APAC

6.5.1 APAC Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 23 APAC Structural Health Monitoring Market, 2019-2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.5.1.1 APAC Structural Health Monitoring Market, by Country, 2019-2030 Value (USD Billion) &

TABLE 16 APAC Structural Health Monitoring Market, by Country, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
China													
Japan													
India													
South Korea													
Australia													
Rest of APAC													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.5.2 APAC Structural Health Monitoring Market, by Technology, 2019-2030

6.5.2.1 APAC Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

TABLE 17 APAC Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Wired													
Wireless													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.5.3 APAC Structural Health Monitoring Market, by End Use, 2019-2030

6.5.3.1 APAC Structural Health Monitoring Market, by End Use, 2019-2030 Value (USD Billion)

TABLE 18 APAC Structural Health Monitoring Market, by End Use, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Civil Infrastructure													
Aerospace and Defence													
Mining													
Energy and Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.5.4 APAC Structural Health Monitoring Market, by Offering, 2019-2030

6.5.4.1 APAC Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

TABLE 19 APAC Structural Health Monitoring Market, by Offering, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Software & Services													
Hardware													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.5.5 APAC Structural Health Monitoring Market, by Hardware Type, 2019-2030

6.5.5.1 APAC Structural Health Monitoring Market, by Hardware Type, 2019-2030 Value (USD Billion)

TABLE 20 APAC Structural Health Monitoring Market, by Hardware Type, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Data Acquisition Systems (DAS) & Communication Systems													
Sensors													
Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.5.6 China

6.5.6.1 China Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 24 China Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.5.7 Japan

6.5.7.1 Japan Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 25 Japan Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.5.8 India

6.5.8.1 India Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 26 India Structural Health Monitoring Market, 2019-2030

6.5.9 South Korea

6.5.9.1 South Korea Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 27 South Korea Structural Health Monitoring Market, 2019-2030

6.5.10 Australia

6.5.10.1 Australia Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 28 Australia Structural Health Monitoring Market, 2019-2030

6.5.11 Rest of APAC

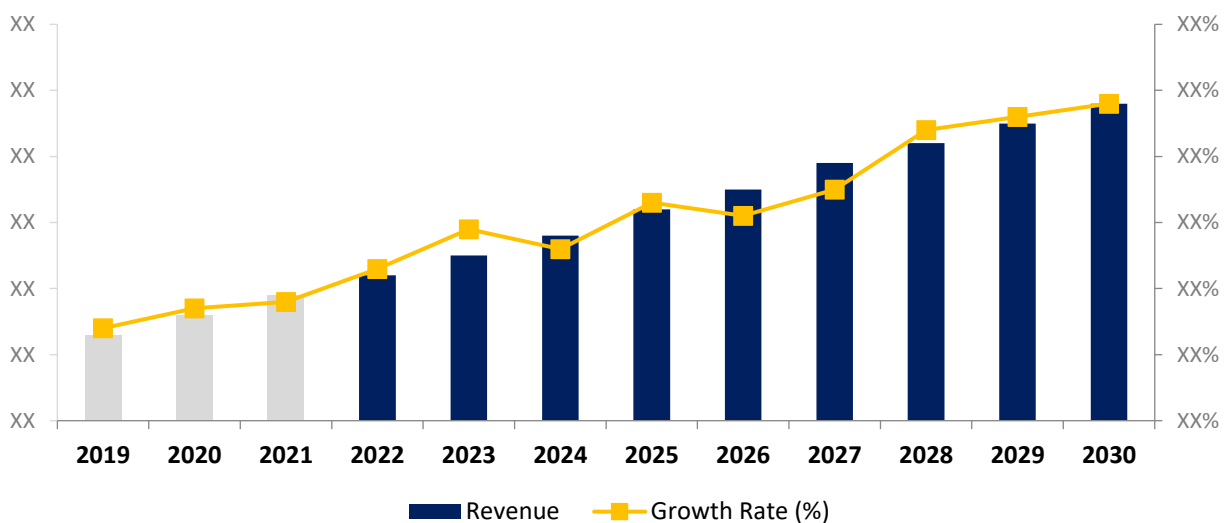
6.5.11.1 Rest of APAC Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 29 Rest of APAC Structural Health Monitoring Market, 2019-2030

6.6 South America

6.6.1 South America Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 30 South America Structural Health Monitoring Market, 2019-2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.6.1.1 South America Structural Health Monitoring Market, by Country, 2019-2030 Value (USD Billion)

TABLE 21 South America Structural Health Monitoring Market, by Country, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Brazil													
Argentina													
Rest of South America													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.6.2 South America Structural Health Monitoring Market, by Technology, 2019-2030

6.6.2.1 South America Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

TABLE 22 South America Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)\

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Wired													
Wireless													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.6.3 South America Structural Health Monitoring Market, by End Use, 2019-2030

6.6.3.1 SOUTH AMERICA Structural Health Monitoring Market, by End Use, 2019-2030 Value (USD Billion)

TABLE 23 South America Structural Health Monitoring Market, by End Use, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Civil Infrastructure													
Aerospace and Defence													
Mining													
Energy and Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.6.4 South America Structural Health Monitoring Market, by Offering, 2019-2030

6.6.4.1 South America Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

TABLE 24 South America Structural Health Monitoring Market, by Offering, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Software & Services													
Hardware													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.6.5 South America Structural Health Monitoring Market, by Hardware Type, 2019-2030

6.6.5.1 South America Structural Health Monitoring Market, by Hardware Type, 2019-2030 Value (USD Billion)

TABLE 25 South America Structural Health Monitoring Market, by Hardware Type, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Data Acquisition Systems (DAS) & Communication Systems													
Sensors													
Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.6.6 Brazil

6.6.6.1 Brazil Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 31 Brazil Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.6.7 Argentina

6.6.7.1 Argentina Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 32 Argentina Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.6.8 Rest of South America

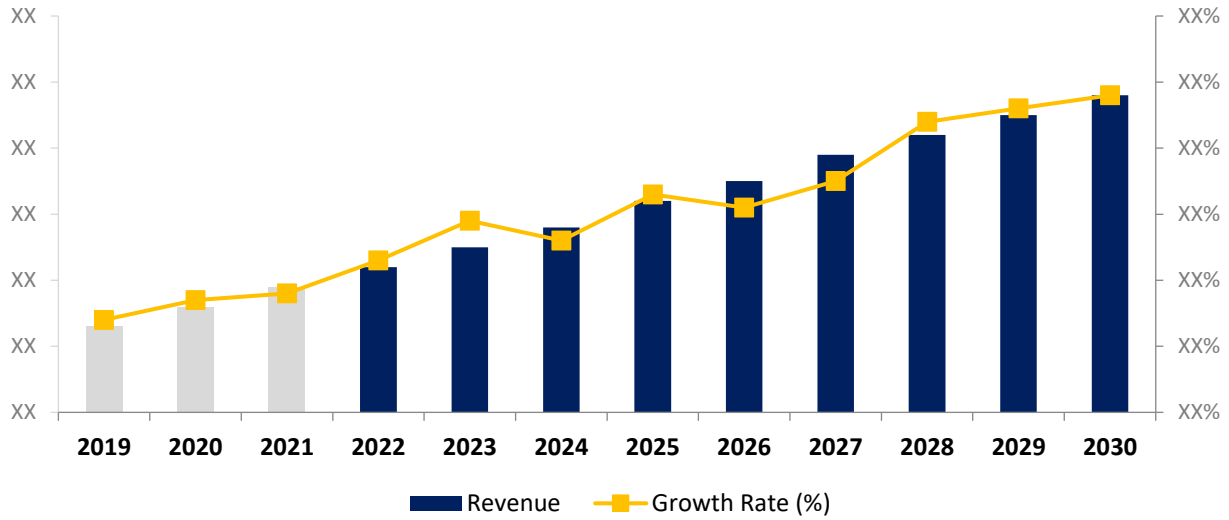
6.6.8.1 Rest of South America Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 33 Rest of South America Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.7 MEA

6.7.1 MEA Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 34 MEA Structural Health Monitoring Market, 2019-2030 Value (USD Billion)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.7.1.1 MEA Structural Health Monitoring Market, by Country, 2019-2030 Value (USD Billion) &

TABLE 26 MEA Structural Health Monitoring Market, by Country, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
GCC Countries													
South Africa													
Rest of MEA													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.7.2 MEA Structural Health Monitoring Market, by Technology, 2019-2030

6.7.2.1 MEA Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

TABLE 27 MEA Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Wired													
Wireless													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.7.3 MEA Structural Health Monitoring Market, by End Use, 2019-2030

6.7.3.1 MEA Structural Health Monitoring Market, by End Use, 2019-2030 Value (USD Billion)

TABLE 28 MEA Structural Health Monitoring Market, by End Use, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Civil Infrastructure													
Aerospace and Defence													
Mining													
Energy and Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.7.4 MEA Structural Health Monitoring Market, by Offering, 2019-2030

6.7.4.1 MEA Structural Health Monitoring Market, by Technology, 2019-2030 Value (USD Billion)

TABLE 29 MEA Structural Health Monitoring Market, by Offering, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Software & Services													
Hardware													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.7.5 MEA Structural Health Monitoring Market, by Hardware Type, 2019-2030

6.7.5.1 MEA Structural Health Monitoring Market, by Hardware Type, 2019-2030 Value (USD Billion)

TABLE 30 MEA Structural Health Monitoring Market, by Hardware Type, 2019-2030 Value (USD Billion)

	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	CAGR (2022-2030)
Data Acquisition Systems (DAS) & Communication Systems													
Sensors													
Others													
Total													

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

6.7.6 GCC Countries

6.7.6.1 GCC Countries Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

FIGURE 35 GCC Countries Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.7.7 South Africa

6.7.7.1 South Africa Structural Health Monitoring Market, 2019-2030 Value (USD Billion) &

FIGURE 36 South Africa Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

6.7.8 Rest of MEA

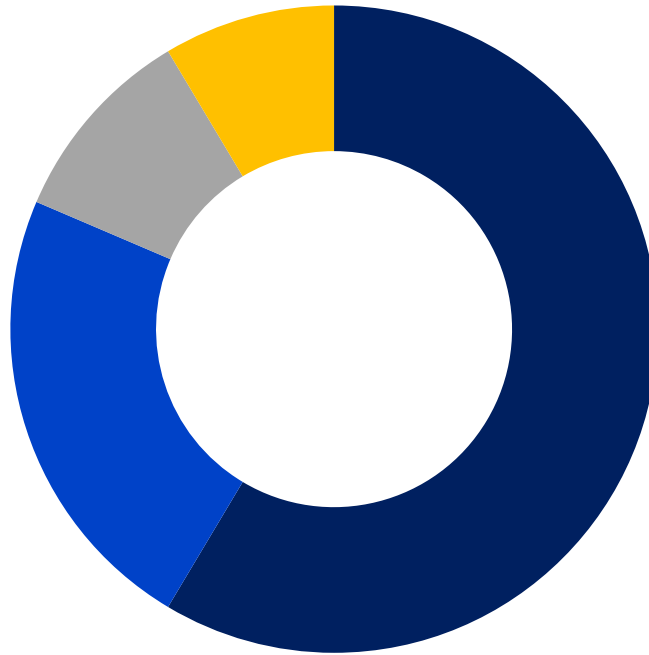
6.7.8.1 Rest of MEA Structural Health Monitoring Market, 2019-2030 Value (USD Billion) &

FIGURE 37 Rest of MEA Structural Health Monitoring Market, 2019-2030 Value (USD Billion)

CHAPTER 7 Structural Health Monitoring Market – Competitive Landscape

7.1 Competitor Market Share – Revenue

FIGURE 38 Competitor Market Share – Revenue



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

Note: Chart only for illustration purpose

TABLE 31 Global Structural Health Monitoring Market - Company Revenue Analysis, 2019-2021 (USD Million)

	2019	2020	2021	2022
Acellent Technologies	--	--	--	--
Inc.	--	--	--	--
Sixense	--	--	--	--
Nova Ventures Group Corp.	--	--	--	--
Structural Monitoring System Plc.	--	--	--	--
Digitexx Data Systems	--	--	--	--
Inc.	--	--	--	--
SGS S.A.	--	--	--	--
Campbell Scientific	--	--	--	--
Inc.	--	--	--	--
COWI A/S	--	--	--	--
GEOKON	--	--	--	--
Geocomp Corporation	--	--	--	--
Total	--	--	--	--

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

TABLE 32 Global Structural Health Monitoring Market - Company Revenue Share Analysis, 2019-2021
(%)

	2019	2020	2021	2022
Acellent Technologies	--	--	--	--
Inc.	--	--	--	--
Sixense	--	--	--	--
Nova Ventures Group Corp.	--	--	--	--
Structural Monitoring System Plc.	--	--	--	--
Digitexx Data Systems	--	--	--	--
Inc.	--	--	--	--
SGS S.A.	--	--	--	--
Campbell Scientific	--	--	--	--
Inc.	--	--	--	--
COWI A/S	--	--	--	--
GEOKON	--	--	--	--
Geocomp Corporation	--	--	--	--
Total	--	--	--	--

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

7.2 Market Concentration Rate Analysis, Top 3 and Top 5 Players

7.3 Strategic Developments

7.3.1 Acquisitions and Mergers

TABLE 33 Acquisitions and Mergers

Date	Company	Development
April 2019		
March 2019		
January 2019		
July 2020		
January 2020		
May 2020		

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

7.3.2 New Products

Date	Company	Product
March 2019		
June 2019		
September 2020		
July 2020		

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

7.3.3 Research & Development Activities

Date	Company	Product
January 2019		
April 2019		
August 2020		
October 2020		

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

CHAPTER 8 Company Profiles

8.1 Acellent Technologies

8.1.1 Company Overview

Sr. No.	ITEM	DESCRIPTION
1	Company Name	Acellent Technologies
2	Website	XXXXXXXXXX
3	Established	XXX
4	Headquarters	XXXXXXXXXX
5	Key Products	1) Structural Health Monitoring 2) XXXXXXXXXXXX
6	Company Profile	XXXXXXXX XXXXXXXXXXXX
7	Key Regions of Sales	XXXXXXX
8	Key Competitors	1) XXXX 2) XXXXXXXX 3) XXXX

8.1.2 Product/Service Portfolio

PRODUCT/SERVICE TYPE	FEATURES / DESCRIPTION	APPLICATION
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----
-----	-----	-----

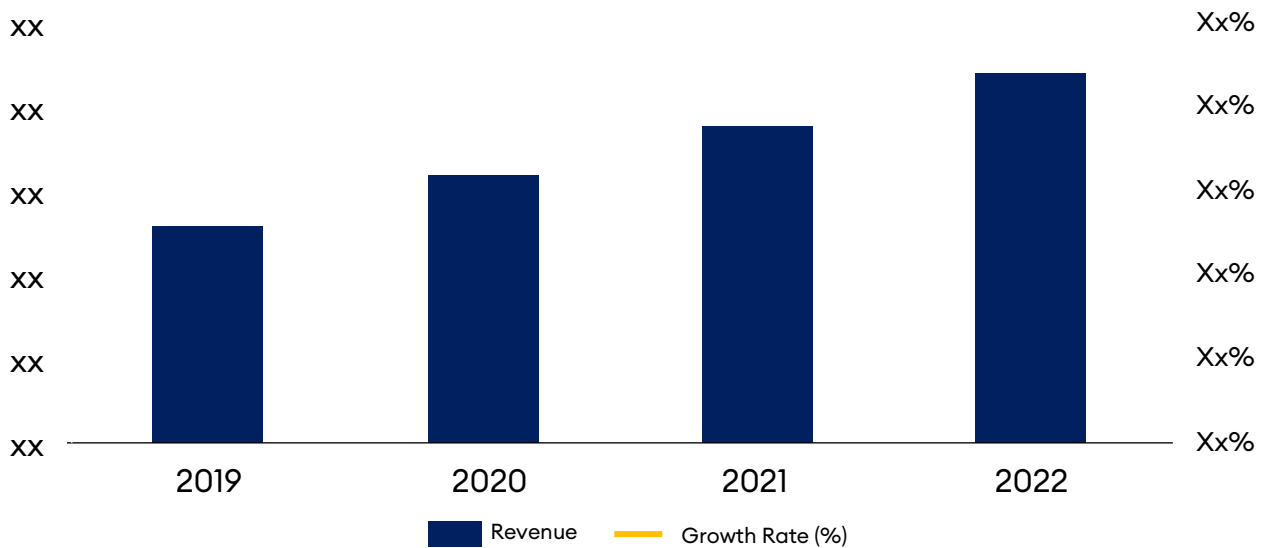
8.1.3 Acellent Technologies Sales, Revenue, Price, and Gross Margin

PARAMETER	2019	2020	2021	2022
Revenue (USD Million)				
Prices				
Gross Margin				

Source: Annual Reports, Primary Interviews, Surveys, Secondary Research, Spherical Insights, 2022

8.1.4 Acellent Technologies Revenue and Growth Rate

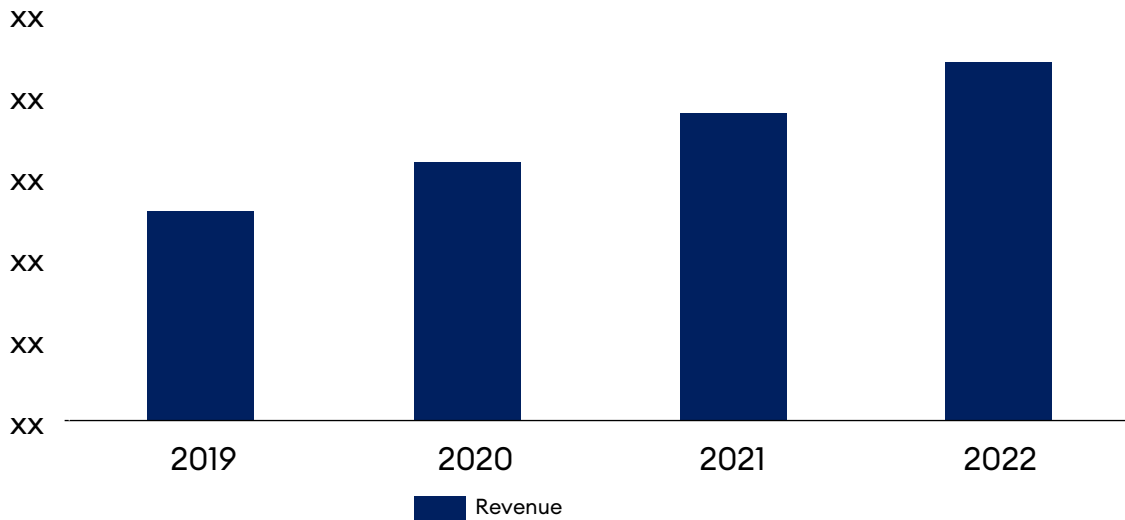
FIGURE 39 Acellent Technologies. Revenue and Growth Rate



Source: Annual Reports, Primary Interviews, Surveys, Secondary Research, Spherical Insights, 2022

8.1.5 Acellent Technologies Market Share

FIGURE 40 Acellent Technologies Market Share



Source: Annual Reports, Primary Interviews, Surveys, Secondary Research, Spherical Insights, 2022

8.1.6 Recent Initiatives, Funding/VC Activities, and Technological Innovations

- 8.2 Inc.
- 8.3 Sixense
- 8.4 Nova Ventures Group Corp.
- 8.5 Structural Monitoring System Plc.
- 8.6 Digitexx Data Systems
- 8.7 Inc.
- 8.8 SGS S.A.
- 8.9 Campbell Scientific
- 8.10 Inc.
- 8.11 COWI A/S
- 8.12 GEOKON
- 8.13 Geocomp Corporation

CHAPTER 9 Structural Health Monitoring Market – Industry Analysis

9.1 Introduction and Taxonomy

9.2 Structural Health Monitoring Market – Key Trends

FIGURE 41 Market Dynamics



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

9.2.1 Market Drivers

TABLE 34 Market Drivers – Impact Analysis

MARKET DRIVERS	2019-2020	2020-2021	2022-2030
Market Driver 1	Low	High	Medium
-----	---	---	---
-----	---	---	---
-----	---	---	---

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

- *Market Driver 1:*

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9.2.2 Market Restraints

TABLE 35 Market Restraints

MARKET RESTRAINTS	2019-2020	2020-2021	2022-2030
-----	---	---	---
-----	---	---	---
-----	---	---	---
-----	---	---	---

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

9.2.3 Market Opportunities

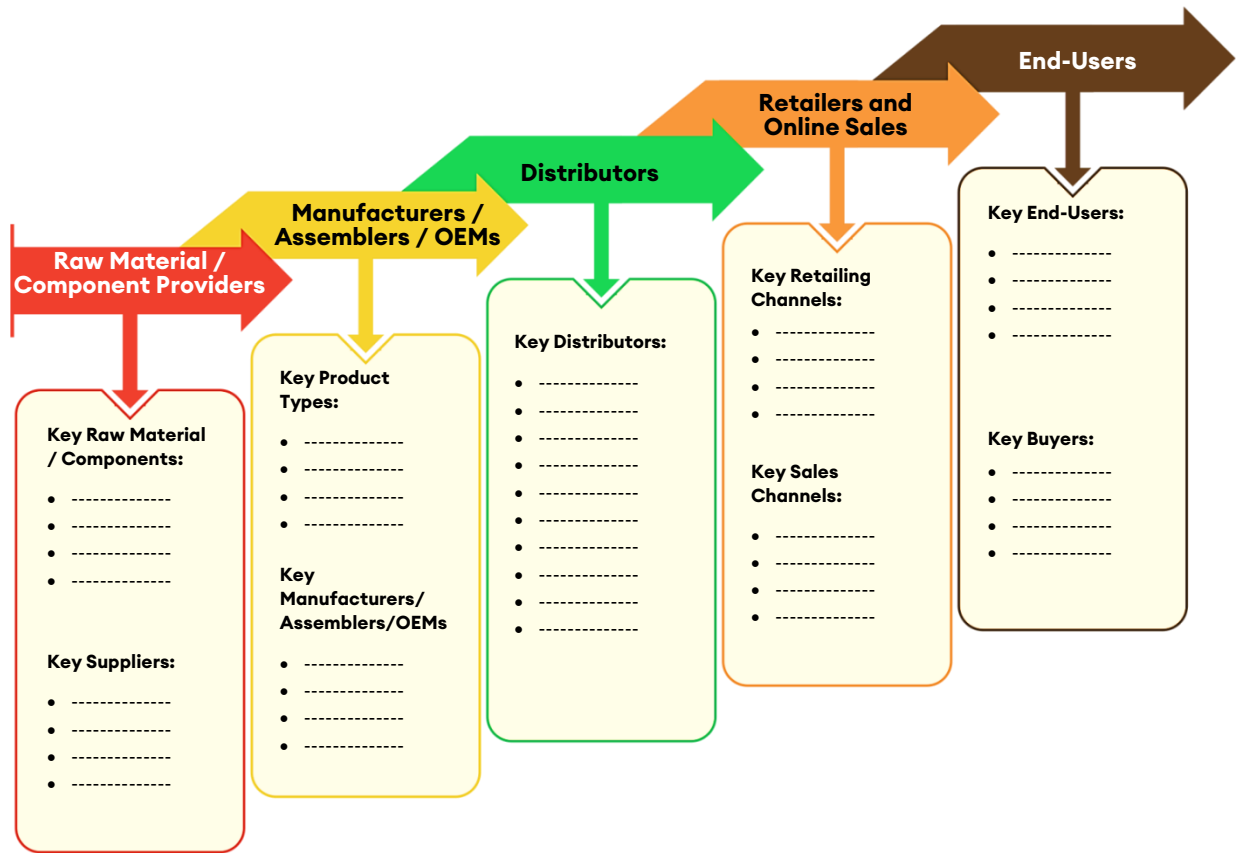
TABLE 36 Market Opportunities

MARKET OPPORTUNITIES	2019-2020	2020-2021	2022-2030
-----	---	---	---
-----	---	---	---
-----	---	---	---
-----	---	---	---

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

9.3 Value Chain Analysis

FIGURE 42 Global Structural Health Monitoring – Value Chain Analysis



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

◆ **Raw Materials / Component Suppliers:**

[This section contains blurred text, likely representing a list of key suppliers and raw materials.]

9.4 Key Mandates and Regulations

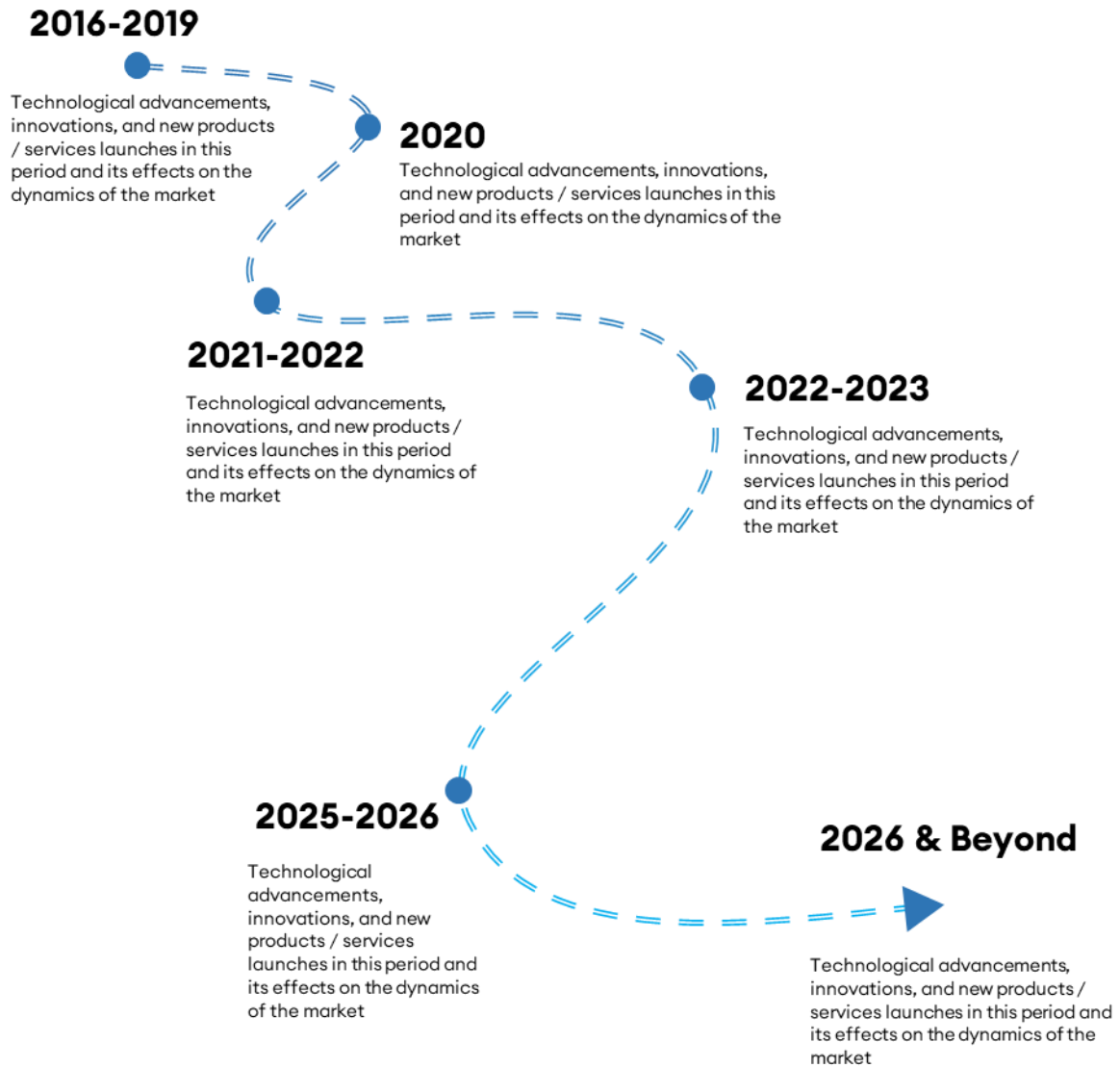
FIGURE 43 Key Mandates and Regulations



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

9.5 Technology Roadmap and Timeline

FIGURE 44 Technology Roadmap and Timeline



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

9.6 SWOT Analysis

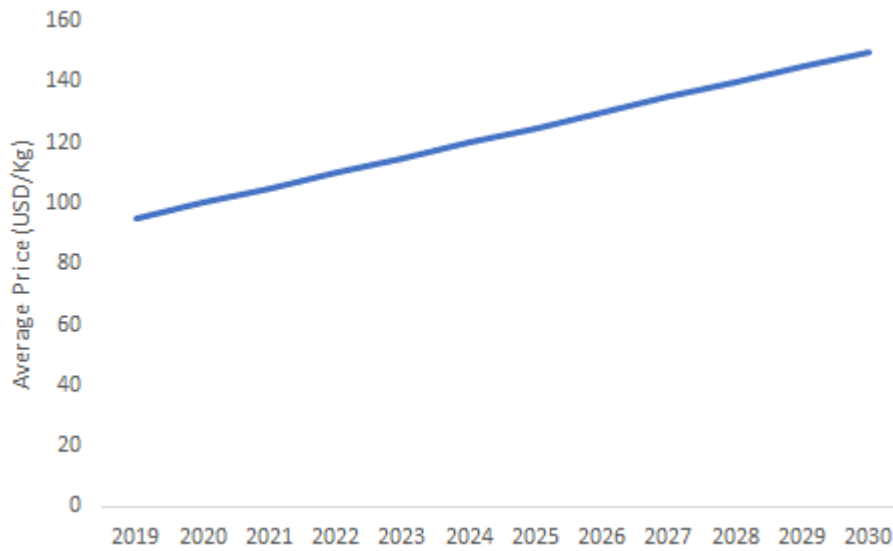
FIGURE 45 SWOT Analysis



Source: Annual Reports, Primary Interviews, Surveys, Secondary Research, Spherical Insights, 2022

9.7 Pricing Analysis

FIGURE 46 Pricing Analysis (USD/Kg) (2019-2030)



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

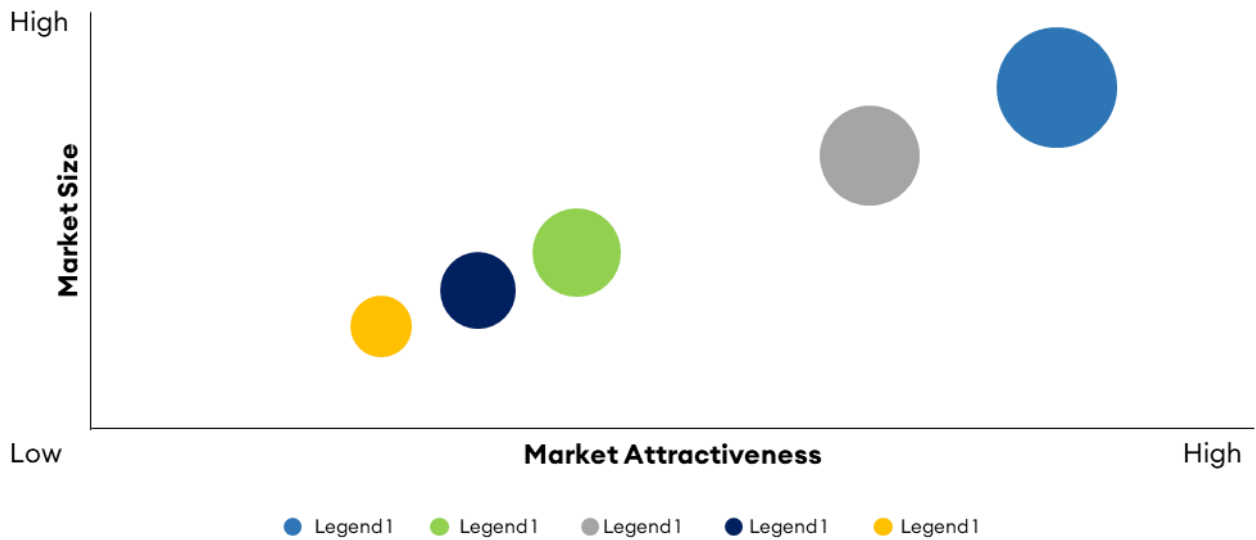
9.7.1 Average Selling Price (USD /)

Type	Price Range
Manufacturer-Wholesalers	-----
Manufacturer-Resellers	-----
Manufacturer-Consumer	-----
Wholesaler-Resellers	-----
Resellers-Consumers	-----

9.8 Structural Health Monitoring Market – Attractiveness Analysis

9.8.1 By Technology

FIGURE 47 Market Attractiveness Analysis – By Technology

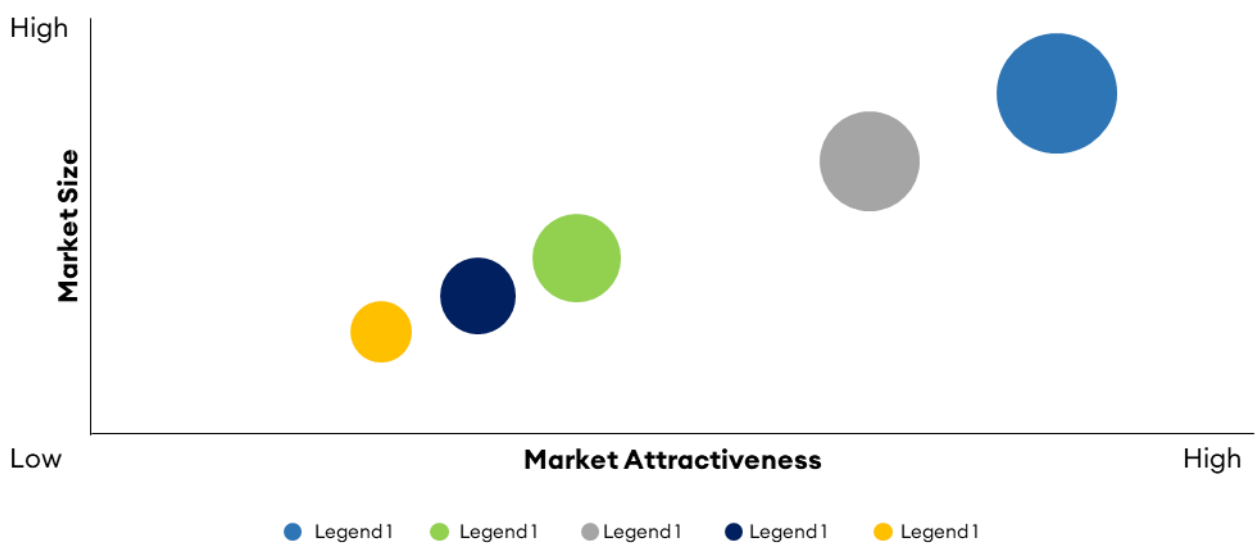


Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

Note: Charts & Figures only for Illustration purpose

9.8.2 By Region

FIGURE 48 Market Attractiveness Analysis – By Region



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

CHAPTER 10 Raw Material Analysis

10.1 Structural Health Monitoring Market Key Raw Material Analysis

10.1.1 Key Raw Materials

TABLE 37 Production Base and Market Concentration Rate of Raw Material

Raw Materials	Production Base	Market Concentration Rate
Raw Material 1	China, Russia, Canada, United Arab South Africa, India and United States	
Raw Material 2	China, Peru, United States, Australia, Russia, Zambia etc.	
Raw Material 3	China, India, UK, France, Italy, Germany, U.S., Brazil	

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

10.1.2 Price Trend of Key Raw Materials

Raw Material 1:



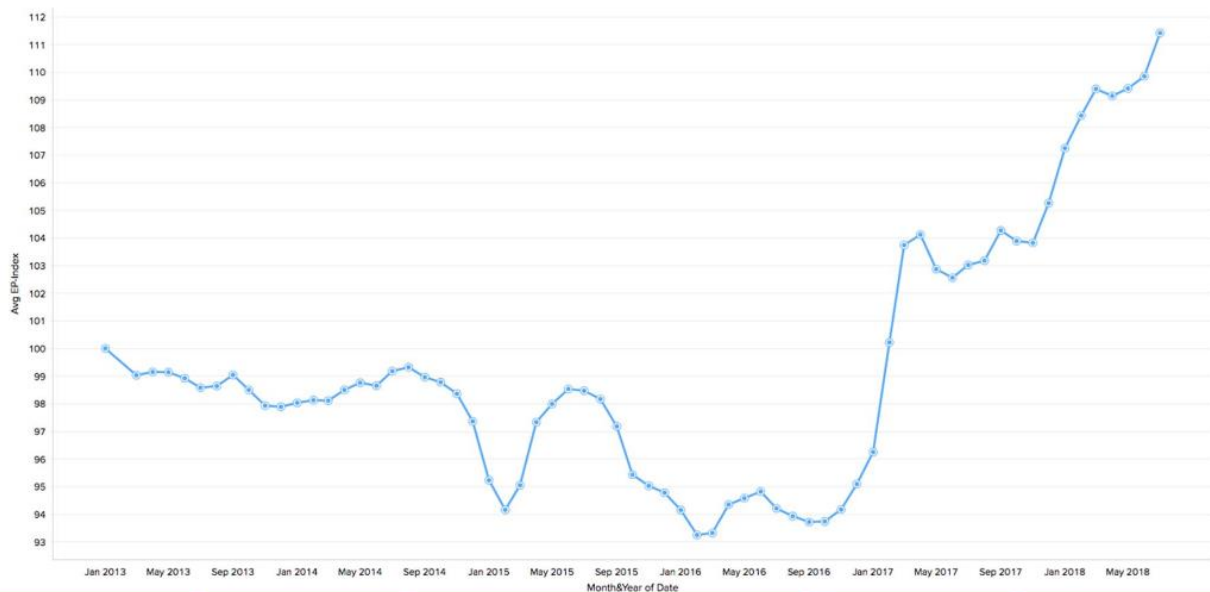
Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

Raw Material 2:



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

Raw Material 3:



PC	PA6	PA66	PBT	POM	PMMA
Eur/t Change	Eur/t Change	Eur/t Change	Eur/t Change	Eur/t Change	Eur/t Change
-2	5	401	6	2	6

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

10.2 Key Suppliers of Raw Materials

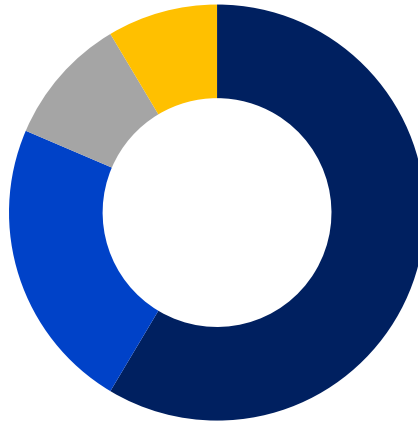
TABLE 38 Key Suppliers of Raw Materials

Raw Material	Supplier Company	Website	Location
Raw Material 1	Company 1	www.companyname.com	Russia
	Company 2	www.companyname.com	US
	Company 3	www.companyname.com	China
	Company 4	www.companyname.com	Canada
	Company 5	www.companyname.com	Norway
	Company 6	www.companyname.com	China
	Company 7	www.companyname.com	UAE
Raw Material 2	Company 1	www.companyname.com	Saudi Arabia
	Company 2	www.companyname.com	U.S.
	Company 3	www.companyname.com	Netherlands
	Company 4	www.companyname.com	South Korea
	Company 5	www.companyname.com	Scranton, PA
Raw Material 3	Company 1	www.companyname.com	Chile
	Company 2	www.companyname.com	USA
	Company 3	www.companyname.com	Australia
	Company 4	www.companyname.com	Switzerland

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

10.3 Proportion of Manufacturing Cost Structure

FIGURE 49 Manufacturing Cost Structure of Structural Health Monitoring



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

10.3.1 Raw Materials Cost

10.3.2 Labor Cost

10.3.3 Manufacturing Expenses

10.3.4 Miscellaneous Expenses

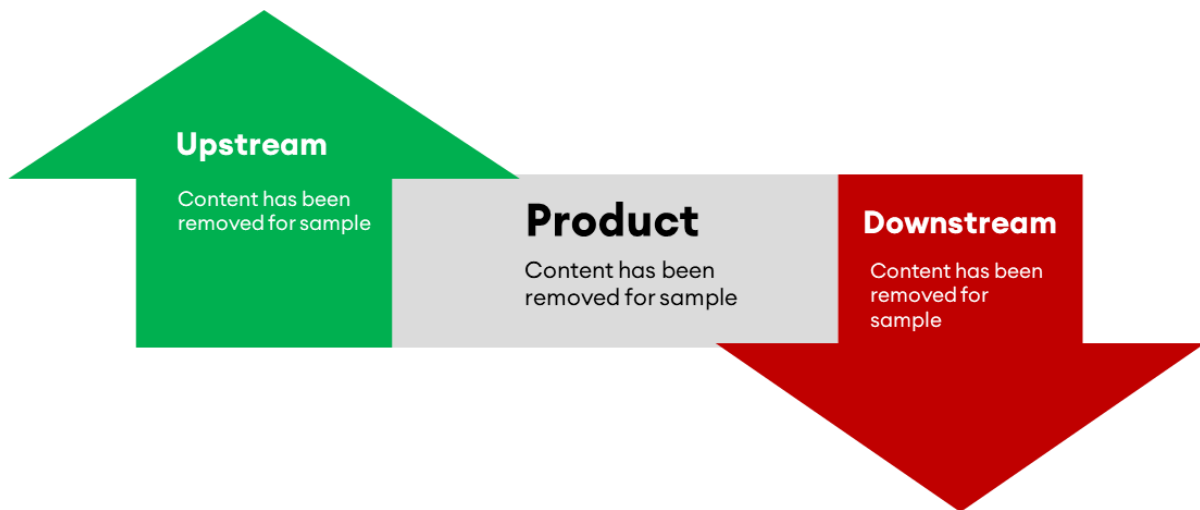
10.4 Manufacturing Cost Analysis of Structural Health Monitoring

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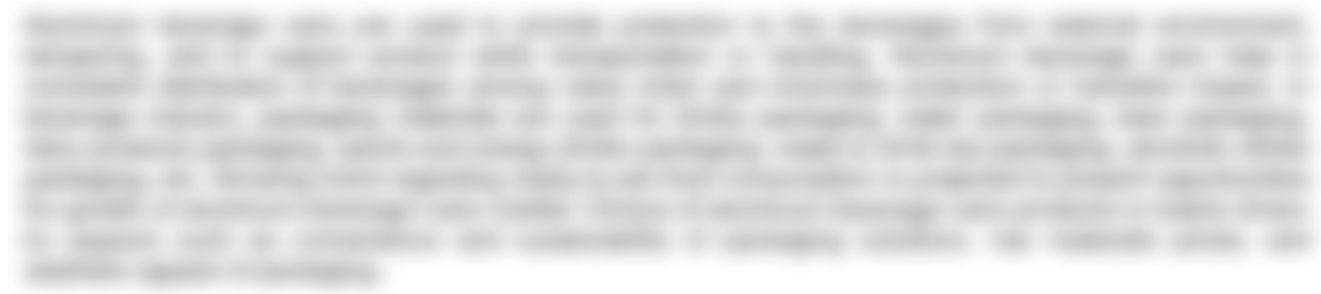
CHAPER 11 Industrial Chain, Sourcing Strategy, and Downstream Buyers

11.1 Structural Health Monitoring Market Industrial Chain Analysis

FIGURE 50 Structural Health Monitoring Market Industrial Chain Analysis



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022



11.2 Upstream Raw Materials Sourcing

11.2.1 Risk Mitigation:

11.2.2 Supplier Relationships:

11.2.3 Business Processes:

11.2.4 Securing the Product:

11.3 Raw Materials sources of Structural Health Monitoring Major Manufacturers

TABLE 39 Raw Materials Sources of Structural Health Monitoring Major Manufacturers

Manufacturers	Raw Material Sources
Manufacturer 1	Supplier 1, Supplier 2, Supplier 3, Supplier 4, Supplier 5
Manufacturer 2	Supplier 1, Supplier 2, Supplier 3, Supplier 4, Supplier 5
Manufacturer 3	Supplier 1, Supplier 2, Supplier 3, Supplier 4, Supplier 5

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

11.4 Downstream Buyers

Table 4 Major Buyers of Structural Health Monitoring

Major Buyers	Website	Location
Buyer 1	www.buyer1.com	Germany
Buyer 2	www.buyer2.com	Japan
Buyer 3	www.buyer3.com	UK
Buyer 4	www.buyer4.com	South Korea
Buyer 5	www.buyer5.com	China
Buyer 6	www.buyer6.com	Italy
Buyer 7	www.buyer7.com	UK
Buyer 8	www.buyer8.com	Germany
Buyer 9	www.buyer9.com	China
Buyer 10	www.buyer10.com	Germany

Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

11.5 Distributors/Traders List

TABLE 40 Distributors/Traders of Structural Health Monitoring by Region

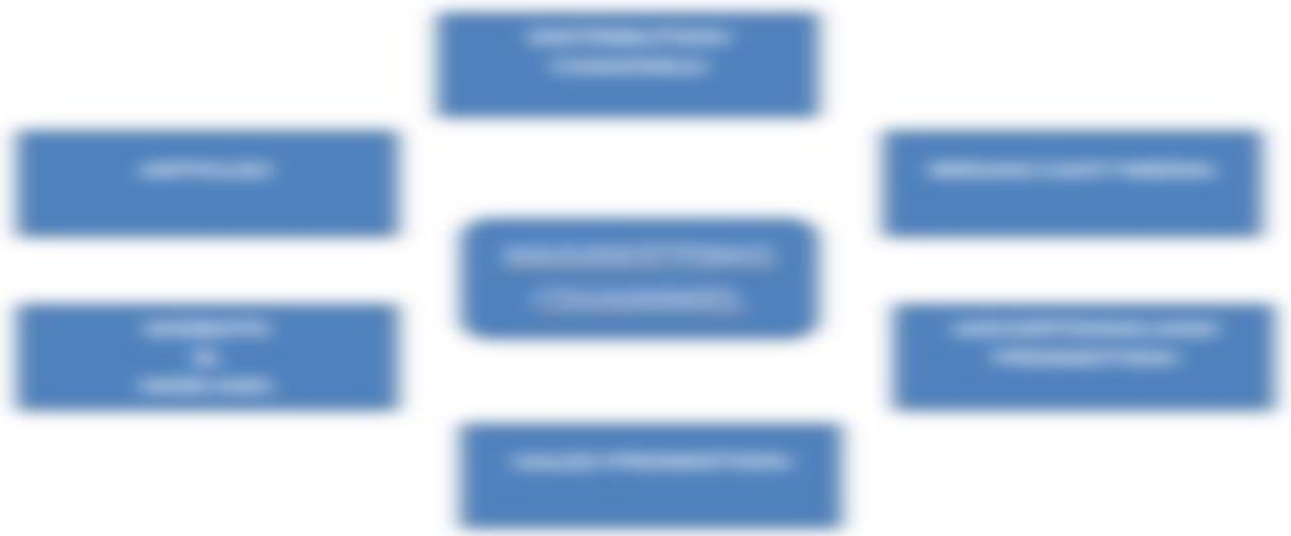
Region	Distributor/Trader	Contact
North America		
Europe		
China		
Japan		
Rest of APAC		
Latin America		

CHAPTER 12 Marketing Strategy Analysis, Distributors

12.1 Marketing Channel

With the advancement of technology, immense changes are opted for business strategies by manufacturers of the Structural Health Monitoring. Manufacturers of Structural Health Monitoring have utilized ----- marketing to sell their products. The development of global competition, technology, and advertising industry have made maintenance, pricing and promotion strategies for the product more complicated. Concerning these challenges, the importance of the marketing channel, as a strategic tool, has rapidly grown.

FIGURE 51 Market Channels



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

12.2 Direct Marketing

12.3 Indirect Marketing

12.4 Marketing Channel Development Trends

Online marketing will be a trend in the future. E-commerce sales have continued to grow during recent years consistent with increased online shopping by various end-users.

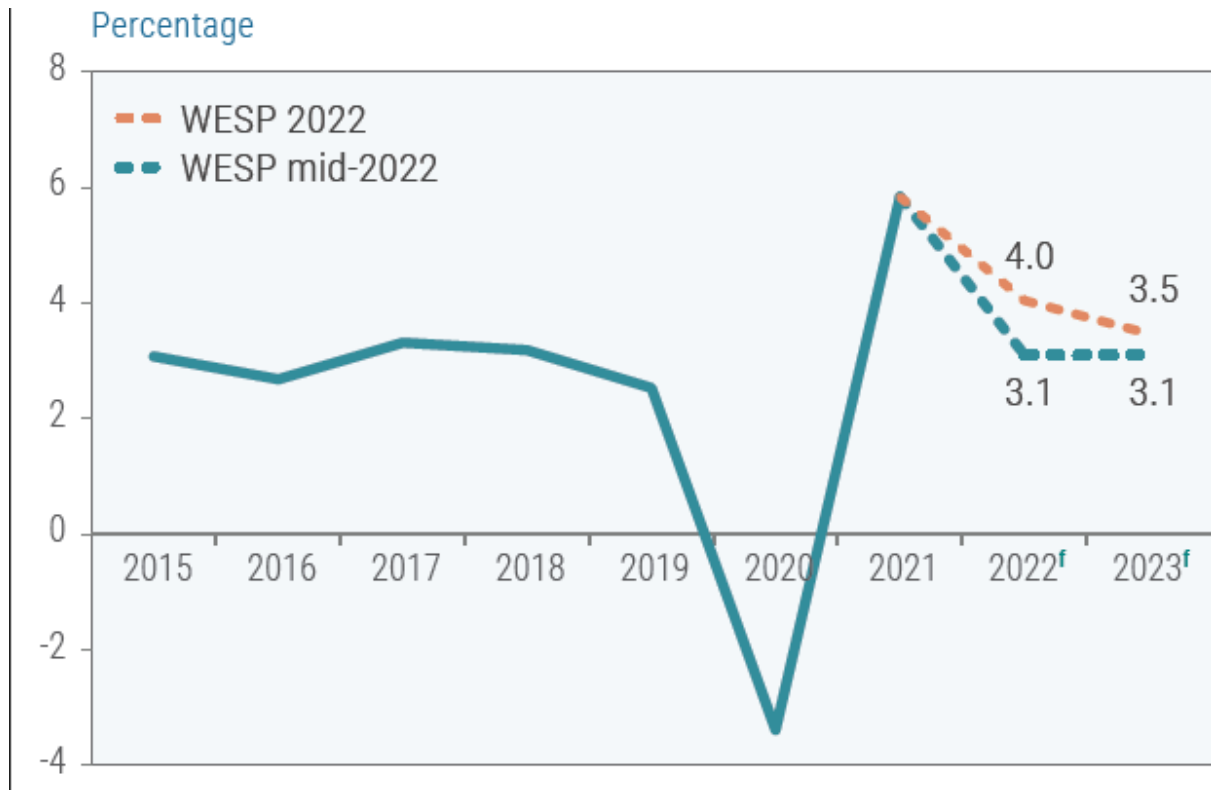
FIGURE 52 Marketing Channel Development Trend



Source: Primary Interviews, Surveys, Secondary Sources, In-house & Paid External Databases, Spherical Insights, 2022

12.5 Economic/Political Environmental Change

TABLE 41 Growth in World Gross Product.



Source: UN Department of Economic and Social Affairs, World Bank, Spherical Insights, 2022

The report also illustrates some changes in global inflation, with deflationary pressures in developed economies easing. The recovery in oil prices that has been observed since early 2016 will temporarily put significant upward pressure on headline inflation in many countries.

CHAPTER 13 Report Conclusion & Key Insights

13.1 Key Insights from Primary Interviews & Survey's Respondents

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13.2 Key Takeaways from Analysts, Consultants, and Industry Leaders

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CHAPTER 14 Research Approach & Methodology

14.1 Report Description

The report covers a forecast and an analysis of the Structural Health Monitoring Market on a global and regional level as well as country level trends and market sizes. The study provides historical data from 2019 to 2030 along with projections from 2022 to 2030 based on revenue Value (USD Billion) and . The study includes the drivers and restraints of the Structural Health Monitoring Market along with their impact on the demand over the forecast period. Additionally, the report includes the study of opportunities available in the Structural Health Monitoring Market.

The report provides qualitative industry analysis further quantified by their impacts over the historical timeline as well as over the projected timeline. The study encompasses a market attractiveness analysis, wherein all the segments and regions are benchmarked based on their market size, growth rate, and general attractiveness for attractive investment pockets.

In order to give the users of this report a comprehensive view of the Structural Health Monitoring Market, we have included a competitive landscape for the market. The report provides company market share analysis to give a broader overview of the key players in the market. In addition, the report also covers key strategic developments of the competitive market including acquisitions & mergers, new product launches, agreements, partnerships, collaborations & joint ventures, research & development activities, and regional expansion of major and emerging participants involved in the market on a global and regional basis.

The study provides a decisive view of the Structural Health Monitoring Market by segmenting it based on sales channel, application, and region. All the segments have been analyzed based on present and future trends and the market is estimated from 2019 to 2030 with actual data from 2019 to 2021. The regional segment includes the current and forecast demand for North America, Europe, Asia Pacific, Latin America, and Middle East & Africa which are further bifurcated into individual countries.

14.2 Research Scope

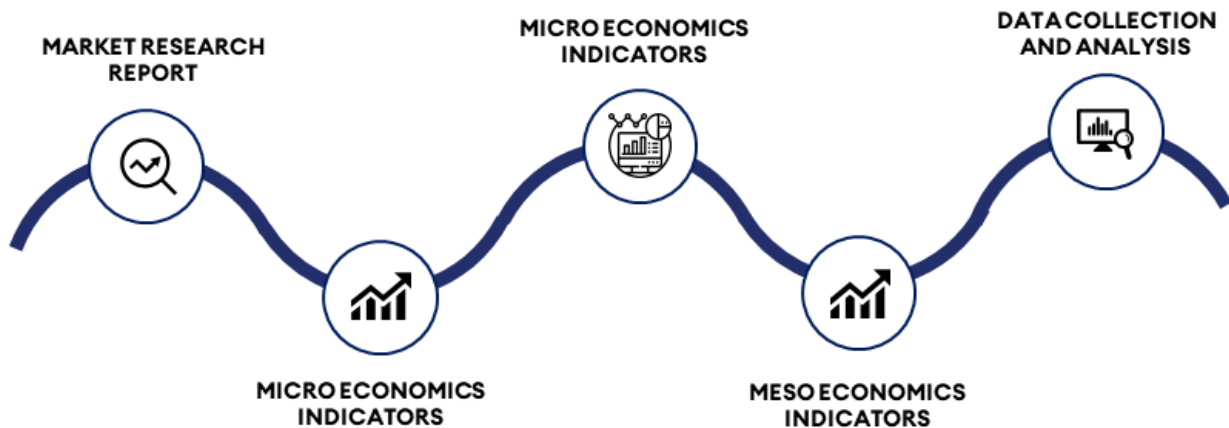
This report provides market size of Structural Health Monitoring for the past four years and forecasts for the next seven years. The global Structural Health Monitoring Market size is given in terms of revenue and volume. Market revenue is defined in USD Million market volume is given in terms of Tons. Market numbers are given on the basis of different Sales Channel, Application. Market size and forecasts for each major segment is provided in the context of each region viz. North America, Europe, Asia Pacific, Latin America, and Middle East & Africa.

The numbers and data provided in this report are derived on the basis of demand as well as supply for Structural Health Monitoring from different countries across the globe.

14.3 Research Methodology

The process of market research at spherical insights is an iterative process in nature and usually follows following robust path. Information from secondary used to build data models, then results from data models are validated from primary participants. Then cycle repeats where, according to inputs from primary participants, additional secondary research is done and new information is again incorporated into data model. The processes continue till desired level of information is not generated.

To calculate the market size, the report considers the revenue generated from the sales/subscription of Structural Health Monitoring. The revenue generated from the sales of Structural Health Monitoring has been calculated through primary and secondary research. The report also presents the key players operating in the Structural Health Monitoring Market across the globe identified through secondary research and a corresponding detailed analysis of the top vendors in the market. The market size calculation also includes segmentation determined using secondary products and verified through primary products.

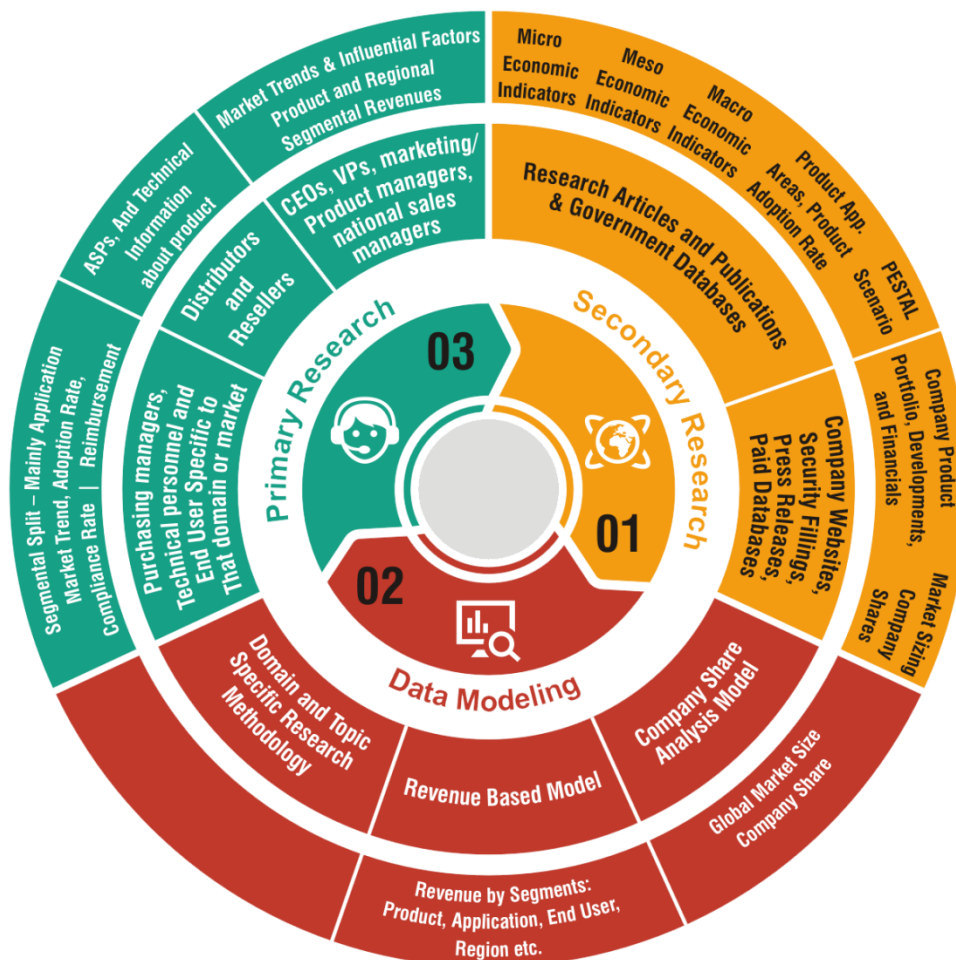


14.3.1 Secondary Research

The secondary research products that are typically referred to include, but are not limited to:

- Company websites, annual reports, financial reports, broker reports, investor presentations and SEC filings
- Internal and external proprietary databases, relevant patent and regulatory databases
- National government documents, statistical databases and market reports
- News articles, press releases and web-casts specific to the companies operating in the market

FIGURE 53 The products for secondary research include but are not limited to: Factiva, Hoovers, Statista



14.3.2 Primary Research

We conduct primary interviews on an ongoing basis with industry participants and commentators in order to validate data and analysis. A typical research interview fulfills the following functions:

- *It provides first-hand information on the market size, market trends, growth trends, competitive landscape, future outlook etc.*
- *Helps in validating and strengthening the secondary research findings*
- *Further develops the analysis team's expertise and market understanding*
- *Primary research involves E-mail interactions, telephonic interviews as well as face-to-face interviews for each market, category, segment and sub-segment across geographies*

The participants who typically take part in such a power rating include, but are not limited to:

- *Industry participants: CEOs, VPs, marketing/ type managers, market intelligence managers and national sales managers*
- *Purchasing managers, technical personnel, distributors and resellers*
- *Outside experts: Investment bankers, valuation experts, research analysts specializing in specific markets*
- *Key opinion leaders specializing in different areas corresponding to different industry applications*

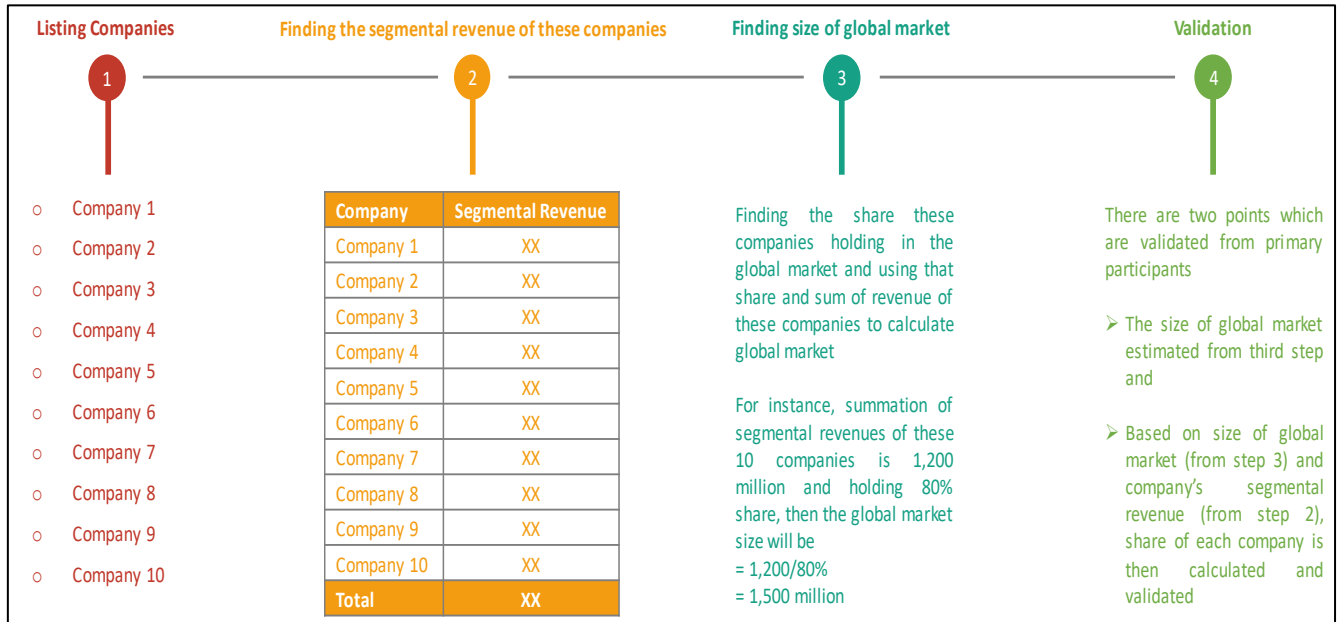
14.3.3 Statistical Models

Where no hard data is available, we use modeling and estimates in order to produce comprehensive data sets. A rigorous methodology is adopted in which the available hard data is cross referenced with the following data types to produce estimates:

- *Demographic data: Population split by segment*
- *Macro-economic indicators: GDP, etc.*
- *Industry indicators: Expenditure, Product stage & infrastructure, sector growth and facilities.*
- *Data is then cross checked by the expert panel.*

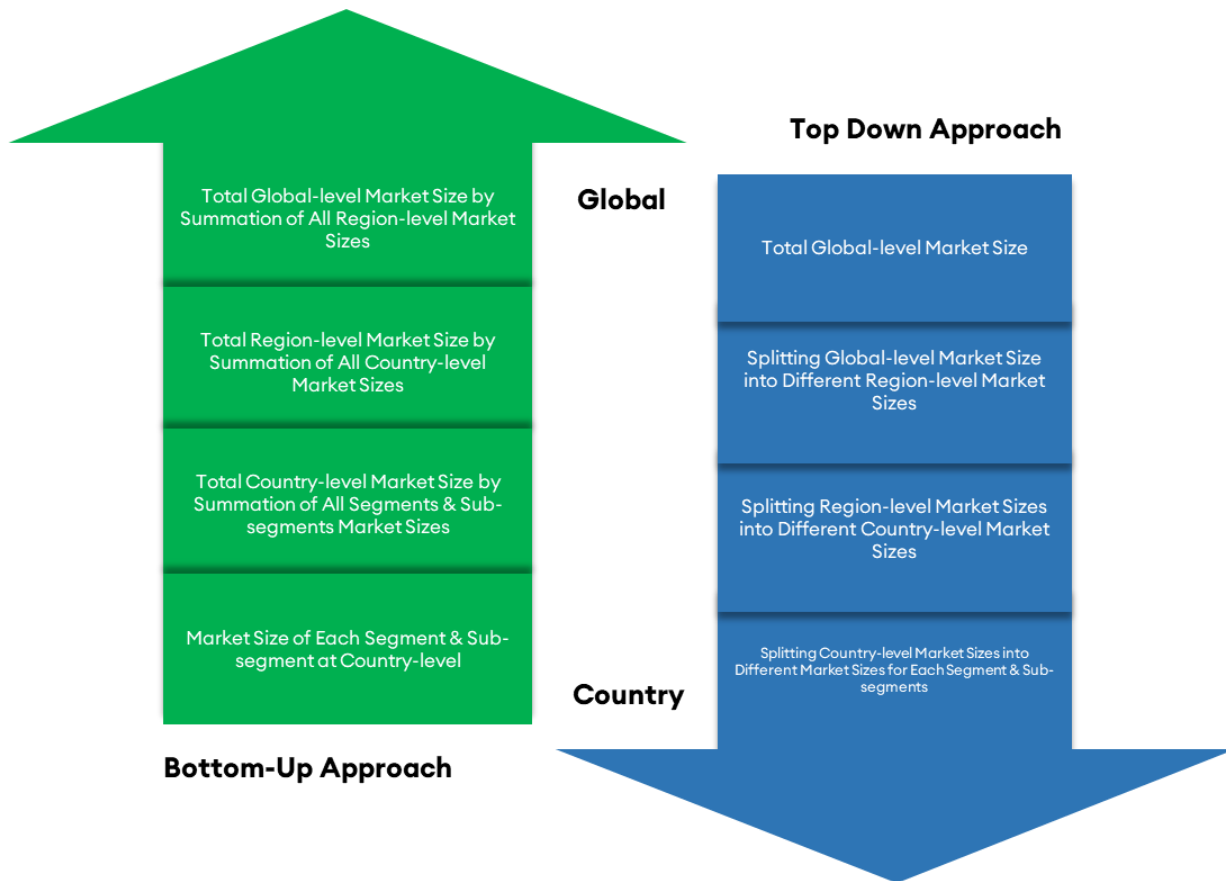
14.3.3.1 Company Share Analysis Model

Company share analysis is used to derive the size of global market. As well as study of revenues of companies for last three to five years also provide the base for forecasting the market size and its growth rate. This model is built in following steps:



14.3.3.2 Revenue Based Modeling

Revenue based models can be built in two ways – Top-Down or Bottom-Up irrespective of industry. Market size estimated from company share analysis acts as a validation point for bottom-up approach where as it acts as starting point for top-down approach.



14.3.4 Research Limitations

Inflation is not a part of pricing analysis and revenue calculations in this report. Prices of Structural Health Monitoring and its derivatives vary in each region and hence similar revenue ratio does not follow for each individual region. The weighted average price for each type has been taken into account while estimating and forecasting market revenue on a global basis. Regional weighted average price has been considered while breaking down this market by application and end-user in each region. This report provides market size of Structural Health Monitoring for the past years and forecasts for the next six years. The global Structural Health Monitoring Market size is given in terms of revenue. Market revenue is defined in USD Million. Market numbers are given on the basis of different Structural Health Monitoring categories. Market size and forecasts for each major application is provided in the context of global as well as the regional market.

About us

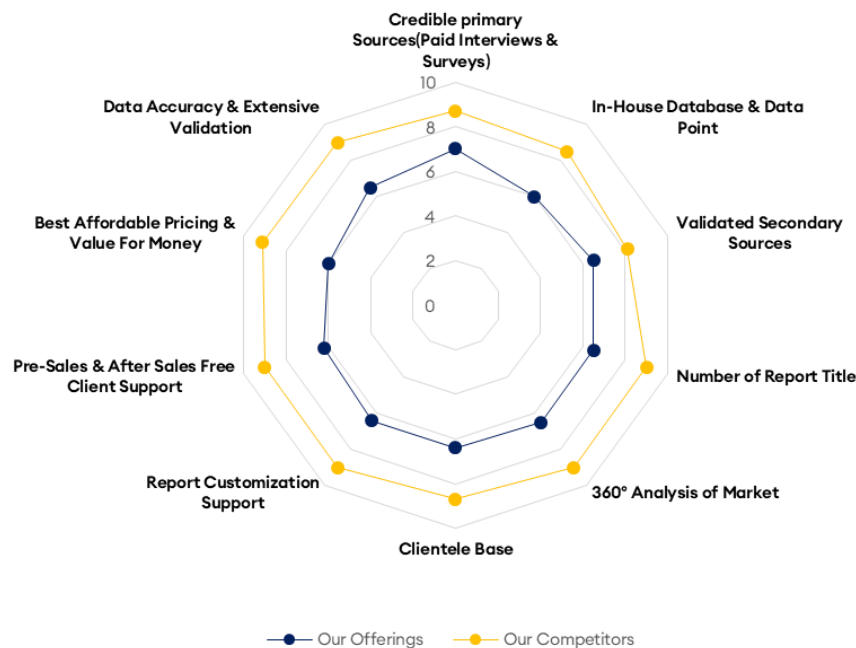
Spherical Insights aims at providing actionable insights through data analytics for companies to improve their business acumen. We have a robust forecasting and estimation model to meet the clients' objectives of high-quality output within a short span of time.

We provide both customized (clients' specific) and syndicate reports. Our repository of syndicate reports is diverse across all the categories and sub-categories across domains. Our customized Components are tailored to meet the clients' requirement whether they are looking to expand or planning to launch a new product in the global market.

We publish market research reports after thorough analysis from both primary and secondary sources, which comprises of market overview, market sizing estimation, competitive landscape, major player, key trends, and current market scenario.

We have a dedicated team of highly expert analysts and consultants specific to each domain to provide an in-depth analysis of the different industries. Our teams have experience in keeping track of recent development across industries and interpret them to provide the clients with the most recent analysis and market sizing forecast.

Some of the industries we track include Hospitality & transportation, energy & power, Food & Beverages, chemicals & materials, information & communication services, and healthcare.



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