

GLOBAL ENERGY HARVESTING MARKET FORECAST 2017-2024

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Abstracts

KEY FINDINGS

The energy harvesting global market is anticipated to rise from \$ 1276 million in 2016 to \$ 6255 million by 2024. The market is expected to grow at a CAGR of 22.21% between 2017 and 2024. The base year considered for the market study is 2016 and the forecast period is between 2017 and 2024. The pervasive application of IOT like consumer electronics, growing demand for energy saving, building automation and reducing the energy losses leads to high demand for the energy harvesting devices.

MARKET INSIGHTS

The global energy harvesting market is segmented on the basis of source, system, application, and geography. The global energy harvesting market by the source is classified into a light energy source, mechanical energy source, electromagnetic/ radio frequency energy source, thermal energy and others. The system segmented is further divided into electrodynamics, photovoltaic, piezoelectric, radio frequency transducers, and electromagnetic transducers. The application segment in global energy harvesting is further bifurcated into the building and home automation, consumer electronics, industrial, transportation and security and defense. Rising Demand for the Smart Meters, Initiatives taken by the government for Energy Saving, Selected Renewable Energy Global Indicators, and Demand for Sustainable Power, Rising Implementation of IoT Sensors, and Increase in the Green Environment Initiatives by the Governments, and Low Dependence on Fossil Fuels are the major drivers for the Energy Harvesting Market.

REGIONAL INSIGHTS

Europe had the colossal market share in terms of revenue (40.6%) in 2016 and is estimated to hold the largest market share by 2024. Both Europe and North America are major markets for Energy Harvesting technologies, with multimillion dollar investment projects towards renewable and sustainable energy developments in the pipeline. Asia Pacific is evolving with highest CAGR 23.7% for the forecasted period 2017-2024. Positive outlook towards economy, changing FDI policies towards energy sector, growing energy demand and efficiency are some of the driving factors for Asia Pacific Energy Harvesting market. India, China, Singapore, Australia, Japan, and Korea are the country's leading Energy Harvesting market in APAC. Africa and MENA are lucrative investment destinations for ROW Energy Harvesting market for the forecasted period, with countries like South Africa, Saudi Arabia, and UAE leading the market growth.

COMPETITIVE INSIGHTS

Major players for the Energy Harvesting market are ABB limited, Arveni, Convergence wireless, Cymbet corporation, EnOceangmbh, Fujitsu limited, Green teg, g24 innovations limited (acquired by g24i power Ltd), mouser electronics, Inc., Honeywell internationals Inc., microchip technology, laird technology (Nextreme thermal solutions), Schneider electric, Siemens ag, STMicroelectronics n.v., Texas instrument incorporated.

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
 - 2.1.1. SECONDARY DATA
 - 2.1.2. PRIMARY DATA
- 2.2. TOP DOWN APPROACH
- 2.3. BOTTOM-UP APPROACH
- 2.4. DATA TRIANGULATION
- 2.5. ESTIMATION METHODOLOGY

3. EXECUTIVE SUMMARY

- 3.1. MARKET SUMMARY
- 3.2. KEY FINDINGS
 - 3.2.1. EUROPE IS THE GLOBAL LEADER IN THE ENERGY HARVESTING MARKET
 - 3.2.2. BUILDING AND HOME AUTOMATION SEGMENT IS THE MAJOR CONSUMER OF THE ENERGY HARVESTING DEVICES
 - 3.2.3. MECHANICAL SOURCE MARKET IS EXPECTED TO GROW AT A FAST PACE

4. MARKET OVERVIEW

- 4.1. MARKET DEFINITION AND SCOPE
- 4.2. KEY MARKET INSIGHTS

5. MARKET DETERMINANTS

- 5.1. MARKET DRIVERS
 - 5.1.1. GROWING DEMAND FOR THE SMART METERS
 - 5.1.2. GOVERNMENT INITIATIVES FOR ENERGY SAVING

- 5.1.3. DEMAND FOR SUSTAINABLE POWER
- 5.1.4. RISING IMPLEMENTATION OF IOT SENSORS
- 5.1.5. INCREASING GREEN ENVIRONMENT INITIATIVES BY THE GOVERNMENTS
- 5.1.6. LOWER DEPENDENCE ON FOSSIL FUELS
- 5.2. MARKET RESTRAINTS
 - 5.2.1. FEW DEVICES WHICH SUPPORT ENERGY HARVESTING
 - 5.2.2. HIGH PRICES MAKES ENERGY HARVESTING DEVICES CURRENTLY UNVIABLE FOR MASS USAGE
- 5.3. MARKET OPPORTUNITIES
 - 5.3.1. OCEAN ENERGY HARVESTING IS FAST GROWING
 - 5.3.2. R&D DEVELOPMENT IN NANOTECHNOLOGY
- 5.4. MARKET CHALLENGES
 - 5.4.1. MARKET KNOWLEDGE OF ENERGY HARVESTING IS LIMITED
 - 5.4.2. HIGH INITIAL SET UP COST

6. MARKET SEGMENTATION

- 6.1. MARKET BY SOURCE 2017-2024
 - 6.1.1. LIGHT ENERGY SOURCE
 - 6.1.1.1. SOLAR ENERGY
 - 6.1.1.2. INFRARED ENERGY
 - 6.1.1.3. UV ENERGY
 - 6.1.2. MECHANICAL ENERGY SOURCE
 - 6.1.2.1. PRESSURE
 - 6.1.2.2. VIBRATION
 - 6.1.3. ELECTROMAGNETIC/ RADIO FREQUENCY ENERGY SOURCE
 - 6.1.3.1. NEAR FIELD
 - 6.1.3.2. FAR FIELD
 - 6.1.4. THERMAL ENERGY
 - 6.1.5. OTHER SOURCE
- 6.2. MARKET BY SYSTEM 2017-2024
 - 6.2.1. ELECTRODYNAMIC
 - 6.2.2. PHOTOVOLTAIC
 - 6.2.3. THERMOELECTRIC
 - 6.2.4. PIEZOELECTRIC
 - 6.2.5. RADIO FREQUENCY (RF) TRANSDUCERS
 - 6.2.6. ELECTROMAGNETIC TRANSDUCERS
- 6.3. MARKET BY APPLICATION 2017-2024

- 6.3.1. BUILDING AND HOME AUTOMATION
- 6.3.2. CONSUMER ELECTRONICS
- 6.3.3. INDUSTRIAL
- 6.3.4. TRANSPORTATION
- 6.3.5. SECURITY AND DEFENCE

7. KEY ANALYTICS

- 7.1. PORTER'S FIVE FORCE MODEL
 - 7.1.1. THREAT OF NEW ENTRANTS
 - 7.1.2. THREAT OF SUBSTITUTE PRODUCTS OR SERVICES
 - 7.1.3. BARGAINING POWER OF BUYER
 - 7.1.4. BARGAINING POWER OF SUPPLIER
 - 7.1.5. INTENSITY OF COMPETITIVE RIVALRY
- 7.2. KEY BUYING CRITERIA
 - 7.2.1. DEVICE EFFICIENCY
 - 7.2.2. COST
 - 7.2.3. VIABILITY
 - 7.2.4. APPLICATIONS AND EFFECTIVENESS
- 7.3. STRATEGIC RECOMMENDATION & CONCLUSION

8. GEOGRAPHICAL ANALYSIS

- 8.1. NORTH AMERICA
 - 8.1.1. UNITED STATES (U.S.)
 - 8.1.2. CANADA
- 8.2. EUROPE
 - 8.2.1. UNITED KINGDOM (UK)
 - 8.2.2. FRANCE
 - 8.2.3. GERMANY
 - 8.2.4. SPAIN
 - 8.2.5. ITALY
 - 8.2.6. REST OF EUROPE
- 8.3. ASIA PACIFIC
 - 8.3.1. CHINA
 - 8.3.2. INDIA
 - 8.3.3. JAPAN
 - 8.3.4. REST OF ASIA PACIFIC
- 8.4. REST OF WORLD

8.4.1. LATIN AMERICA

8.4.1.1. BRAZIL

8.4.1.2. MEXICO

8.4.2. MIDDLE EAST AND NORTH AFRICA

8.4.3. SOUTH AFRICA

9. COMPETITIVE LANDSCAPE

9.1. MARKET SHARE ANALYSIS

9.2. STRATEGIC MOVES

10. COMPANY PROFILES

10.1. ABB LIMITED

10.1.1. COMPANY OVERVIEW

10.1.2. PRODUCT PORTFOLIO

10.1.3. SCOT ANALYSIS

10.2. ARVENI

10.2.1. COMPANY OVERVIEW

10.2.2. PRODUCT PORTFOLIO

10.2.3. SCOT ANALYSIS

10.3. CONVERGENCE WIRELESS

10.3.1. COMPANY OVERVIEW

10.3.2. PRODUCT PORTFOLIO

10.3.3. STRATEGIC INITIATIVES

10.3.4. SCOT ANALYSIS

10.4. CYMBET CORPORATION

10.4.1. COMPANY OVERVIEW

10.4.2. PRODUCT PORTFOLIO

10.4.3. SCOT ANALYSIS

10.5. ENOCEAN GMBH

10.5.1. COMPANY OVERVIEW

10.5.2. PRODUCT PORTFOLIO

10.5.3. STRATEGIC INITIATIVES

10.5.4. SCOT ANALYSIS

10.6. FUJITSU LIMITED

10.6.1. COMPANY OVERVIEW

10.6.2. PRODUCT PORTFOLIO

10.6.3. STRATEGIC INITIATIVES

- 10.6.4. SCOT ANALYSIS
- 10.7. GREEN TEG
 - 10.7.1. COMPANY OVERVIEW
 - 10.7.2. PRODUCT PORTFOLIO
 - 10.7.3. STRATEGIC INITIATIVES
 - 10.7.4. SCOT ANALYSIS
- 10.8. G24 INNOVATIONS LIMITED (ACQUIRED BY G24I POWER LTD)
 - 10.8.1. COMPANY OVERVIEW
 - 10.8.2. PRODUCT PORTFOLIO
 - 10.8.3. STRATEGIC INITIATIVES
 - 10.8.4. SCOT ANALYSIS
- 10.9. MOUSER ELECTRONICS, INC.
 - 10.9.1. COMPANY OVERVIEW
 - 10.9.2. PRODUCT PORTFOLIO
 - 10.9.3. STRATEGIC INITIATIVES
 - 10.9.4. SCOT ANALYSIS
- 10.10. HONEYWELL INTERNATIONAL INC.
 - 10.10.1. COMPANY OVERVIEW
 - 10.10.2. PRODUCT PORTFOLIO
 - 10.10.3. STRATEGIC INITIATIVES
 - 10.10.4. SCOT ANALYSIS
- 10.11. MICROCHIP TECHNOLOGY
 - 10.11.1. COMPANY OVERVIEW
 - 10.11.2. PRODUCT PORTFOLIO
 - 10.11.3. STRATEGIC INITIATIVES
 - 10.11.4. SCOT ANALYSIS
- 10.12. LAIRD TECHNOLOGY (NEXTREME THERMAL SOLUTIONS)
 - 10.12.1. COMPANY OVERVIEW
 - 10.12.2. PRODUCT PORTFOLIO
 - 10.12.3. STRATEGIC INITIATIVES
 - 10.12.4. SCOT ANALYSIS
- 10.13. SCHNEIDER ELECTRIC
 - 10.13.1. COMPANY PROFILE
 - 10.13.2. PRODUCT PORTFOLIO
 - 10.13.3.
 - 10.13.4. STRATEGIC INITIATIVE
 - 10.13.5. SCOT ANALYSIS
- 10.14. SIEMENS AG
 - 10.14.1. COMPANY OVERVIEW

- 10.14.2. PRODUCT PORTFOLIO
- 10.14.3. STRATEGIC INITIATIVES
- 10.14.4. SCOT ANALYSIS
- 10.15. STMICROELECTRONICS N.V.
 - 10.15.1. COMPANY OVERVIEW
 - 10.15.2. PRODUCT PORTFOLIO
 - 10.15.3. STRATEGIC INITIATIVES
 - 10.15.4. SCOT ANALYSIS
- 10.16. TEXAS INSTRUMENT INCORPORATED
 - 10.16.1. COMPANY OVERVIEW
 - 10.16.2. PRODUCT PORTFOLIO
 - 10.16.3. STRATEGIC INITIATIVE
 - 10.16.4. SCOT ANALYSIS

TABLE LIST

- TABLE 1 GLOBAL ENERGY HARVESTING MARKET BY GEOGRAPHY 2017-2024(\$ MILLION)
- TABLE 2 ENERGY HARVESTING WIRELESS STANDARD FOR BUILDING AUTOMATION
- TABLE 3 GREEN INITIATIVES BY VARIOUS GOVERNMENTS ACROSS THE GLOBE
- TABLE 4 CORPORATES HARNESSING ENERGY HARVESTING
- TABLE 5 ONGOING RESEARCH IN OCEAN ENERGY HARVESTING
- TABLE 6 COST OF PIEZOELECTRIC ENERGY HARVESTING SYSTEM
- TABLE 7 GLOBAL ENERGY HARVESTING MARKET BY SOURCE 2017-2024(\$ MILLION)
- TABLE 8 GLOBAL ENERGY HARVESTING MARKET IN LIGHT ENERGY SOURCE 2017-2024 (\$ MILLION)
- TABLE 9 GLOBAL LIGHT ENERGY MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)
- TABLE 10 GLOBAL ENERGY HARVESTING MARKET IN MECHANICAL ENERGY SOURCE 2017-2024(\$ MILLION)
- TABLE 11 GLOBAL MECHANICAL ENERGY MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)
- TABLE 12 GLOBAL ENERGY HARVESTING MARKET IN ELECTROMAGNETIC/RADIO FREQUENCY ENERGY SOURCE 2017-2024 (\$ MILLION)
- TABLE 13 GLOBAL ELECTROMAGNETIC ENERGY MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 14 GLOBAL THERMAL ENERGY MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 15 GLOBAL OTHER ENERGY SOURCES MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 16 GLOBAL ENERGY HARVESTING MARKET BY SYSTEM 2017-2024 (\$ MILLION)

TABLE 17 DEPLOYMENT OF ELECTRODYNAMIC SYSTEMS IN POPULAR APPLICATION SECTORS

TABLE 18 GLOBAL ELECTRODYNAMIC SYSTEMS MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 19 PROS AND CONS OF PHOTOVOLTAIC PANELS

TABLE 20 GLIMPSE OF DEPLOYMENT OF PHOTOVOLTAIC SYSTEMS IN APPLICATION SECTORS

TABLE 21 GLOBAL PHOTOVOLTAIC SYSTEMS MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 22 ADVANTAGES AND DISADVANTAGES OF THERMOELECTRIC TRANSDUCERS/GENERATORS

TABLE 23 GLOBAL THERMOELECTRIC SYSTEMS MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 24 ADVANTAGES AND DISADVANTAGES OF PIEZOELECTRIC TRANSDUCERS

TABLE 25 ENERGY HARVESTING THROUGH PIEZOELECTRIC MATERIAL IN USE

TABLE 26 GLOBAL PIEZOELECTRIC SYSTEMS MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 27 GLOBAL RADIO FREQUENCY TRANSDUCERS MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 28 GLOBAL ELECTROMAGNETIC TRANSDUCERS MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 29 GLOBAL ENERGY HARVESTING MARKET BY APPLICATION 2017-2024 (\$ MILLION)

TABLE 30 GLOBAL ENERGY HARVESTING IN BUILDING AND HOME AUTOMATION MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 31 GLOBAL ENERGY HARVESTING MARKET IN CONSUMER ELECTRONICS BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 32 GLOBAL ENERGY HARVESTING MARKET IN INDUSTRIAL BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 33 GLOBAL ENERGY HARVESTING MARKET IN TRANSPORTATION BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 34 GLOBAL ENERGY HARVESTING MARKET IN SECURITY AND DEFENCE

BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 35 GLOBAL ENERGY HARVESTING MARKET BY GEOGRAPHY 2017-2024 (\$ MILLION)

TABLE 36 KEY PUSH AND PULL FACTOR OF ENERGY HARVESTING MARKET IN NORTH AMERICA

TABLE 37 NORTH AMERICA ENERGY HARVESTING MARKET BY COUNTRY 2017-2024 (\$ MILLION)

TABLE 38 DROC ANALYSIS OF US ENERGY HARVESTING MARKET

TABLE 39 US ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

TABLE 40 DROC ANALYSIS OF CANADA ENERGY HARVESTING MARKET

TABLE 41 CANADA ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

TABLE 42 PATHWAYS ASSESSING PROGRESS TOWARDS RENEWABLE ENERGY TARGETS.

TABLE 43 KEY DRIVERS AND CHALLENGES

TABLE 44 EUROPE ENERGY HARVESTING MARKET BY COUNTRY 2017-2024 (\$ MILLION)

TABLE 45 NUMBER OF ENERGY HARVESTING TECHNOLOGY COMPANIES SECTOR WISE IN UK

TABLE 46 DROC ANALYSIS OF UK ENERGY HARVESTING MARKET

TABLE 47 FOUR PATHWAYS FOR ENERGY TRANSITION IN FRANCE

TABLE 48 DROC ANALYSIS OF FRANCE ENERGY HARVESTING MARKET

TABLE 49 FRANCE ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

TABLE 50 DROC ANALYSIS OF GERMANY ENERGY HARVESTING MARKET

TABLE 51 GERMANY ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

TABLE 52 DROC ANALYSIS OF ENERGY HARVESTING MARKET OF SPAIN

TABLE 53 SPAIN ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

TABLE 54 DROC ANALYSIS OF ENERGY HARVESTING MARKET OF ITALY

TABLE 55 ITALY ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

TABLE 56 DROC ANALYSIS OF ENERGY HARVESTING MARKET OF ROE

TABLE 57 REST OF EUROPE ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

TABLE 58 ASIA PACIFIC ENERGY HARVESTING MARKET BY COUNTRY 2017-2024 (\$ MILLION)

TABLE 59 DROC ANALYSIS OF ENERGY HARVESTING MARKET OF CHINA

TABLE 60 DROC ANALYSIS OF ENERGY HARVESTING MARKET OF INDIA

TABLE 61 DROC ANALYSIS OF ENERGY HARVESTING MARKET OF JAPAN

TABLE 62 ROW ENERGY HARVESTING MARKET BY COUNTRY 2017-2024 (\$ MILLION)

TABLE 63 DROC ANALYSIS OF LATIN AMERICA ENERGY HARVESTING MARKET

TABLE 64 DROC ANALYSIS OF US ENERGY HARVESTING MARKET

Figures

FIGURES LIST

FIGURE 1 IMPORTANT GROWING MARKETS

FIGURE 2 GLOBAL ENERGY HARVESTING MARKET BY APPLICATION 2017 & 2024 (\$ MILLION)

FIGURE 3 ENERGY-RELATED GLOBAL CO₂ EMISSIONS FROM 1990 TO 2040, BY FUEL (IN BILLION METRIC TONS)

FIGURE 4 GLOBAL SMARTPHONE USERS, 2016-2020 (BILLION UNITS)

FIGURE 5 GLOBAL IOT MARKET

FIGURE 6 USE OF ENERGY HARVESTING DEVICES IN EMERGING COUNTRIES

FIGURE 7 RESOURCE POTENTIAL OF MARINE AND HYDROKINETICS IN THE U.S. IN 2015, BY RESOURCE (IN TERAWATT HOURS PER YEAR)

FIGURE 8 TECHNOLOGY MATURITY OF VARIOUS OCEAN ENERGY CONVERSION SCHEMES

FIGURE 9 US NANOTECHNOLOGY MARKET APPLICATION

FIGURE 10 GLOBAL ENERGY HARVESTING MARKET IN SOLAR ENERGY 2017-2024 (\$ MILLION)

FIGURE 11 GLOBAL ENERGY HARVESTING MARKET IN INFRARED ENERGY 2017-2024 (\$ MILLION)

FIGURE 12 GLOBAL ENERGY HARVESTING MARKET IN UV ENERGY 2017-2024 (\$ MILLION)

FIGURE 13 GLOBAL ENERGY HARVESTING MARKET IN PRESSURE ENERGY 2017-2024 (\$ MILLION)

FIGURE 14 GLOBAL ENERGY HARVESTING MARKET IN VIBRATION ENERGY 2017-2024 (\$ MILLION)

FIGURE 15 GLOBAL ENERGY HARVESTING MARKET IN NEAR FIELD COMMUNICATION ENERGY 2017-2024 (\$ MILLION)

FIGURE 16 GLOBAL ENERGY HARVESTING MARKET IN FAR FIELD ENERGY 2017-2024 (\$ MILLION)

FIGURE 17 GLOBAL ENERGY HARVESTING MARKET IN THERMAL ENERGY 2017-2024 (\$ MILLION)

FIGURE 18 GLOBAL ENERGY HARVESTING MARKET IN OTHER SOURCES 2017-2024 (\$ MILLION)

FIGURE 19 GLOBAL ENERGY HARVESTING MARKET IN ELECTRODYNAMIC 2017-2024 (\$ MILLION)

FIGURE 20 GLOBAL ENERGY HARVESTING MARKET IN PHOTOVOLTAIC 2017-2024 (\$ MILLION)

FIGURE 21 GLOBAL ENERGY HARVESTING MARKET IN THERMOELECTRIC
2017-2024 (\$ MILLION)

FIGURE 22 GLOBAL ENERGY HARVESTING MARKET IN PIEZOELECTRIC
2017-2024 (\$ MILLION)

FIGURE 23 GLOBAL ENERGY HARVESTING MARKET IN RADIO FREQUENCY (RF)
TRANSDUCERS 2017-2024 (\$ MILLION)

FIGURE 24 GLOBAL ENERGY HARVESTING MARKET IN ELECTROMAGNETIC
TRANSDUCERS 2017-2024 (\$ MILLION)

FIGURE 25 GLOBAL ENERGY HARVESTING MARKET IN BUILDING AND HOME
AUTOMATION 2017-2024 (\$ MILLION)

FIGURE 26 GLOBAL SMART HOME MARKET 2015 & 2024 (IN BILLION)

FIGURE 27 GLOBAL ENERGY HARVESTING MARKET IN CONSUMER
ELECTRONICS 2017-2024 (\$ MILLION)

FIGURE 28 WHOLESALE REVENUE CONSUMER ELECTRONICS SHIPMENTS IN
THE U.S. FROM 2009 TO 2016 (\$ BILLIONS)

FIGURE 29 GLOBAL ENERGY HARVESTING MARKET IN INDUSTRIAL 2017-2024 (\$
MILLION)

FIGURE 30 GLOBAL ENERGY HARVESTING MARKET IN TRANSPORTATION
2017-2024 (\$ MILLION)

FIGURE 31 GLOBAL ENERGY HARVESTING MARKET IN SECURITY AND
DEFENCE 2017-2024 (\$ MILLION)

FIGURE 32 PORTER'S FIVE FORCE MODEL IN ENERGY HARVESTING MARKET

FIGURE 33 KEY BUYING CRITERIA OF ENERGY HARVESTING MARKET

FIGURE 34 REVENUE GROWTH ATTRACTIVENESS

FIGURE 35 GLOBAL TREND IN ENERGY HARVESTING MARKET 2016 AND 2024
(%)

FIGURE 36 SECTOR WISE ENERGY CONSUMPTION IN US 2015

FIGURE 37 UK ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

FIGURE 38 ESTIMATED ENERGY CONSUMPTION, PRODUCTION AND
DEFICIENCY IN FRANCE 2015-2022 (APPROXIMATE GWH)

FIGURE 39 ASIA PACIFIC ENERGY HARVESTING MARKET BY COUNTRY
2017-2024 (\$ MILLION)

FIGURE 40 CHINA ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

FIGURE 41 INDIA ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

FIGURE 42 JAPAN ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

FIGURE 43 REST OF APAC ENERGY HARVESTING MARKET 2017-2024 (\$
MILLION)

FIGURE 44 ROW ENERGY HARVESTING MARKET 2017-2024 (\$ MILLION)

FIGURE 45 EXPECTED POWER GENERATION CAPACITY RATE (PERCENTAGE)

2015-2023

FIGURE 46 MIDDLE EAST AND NORTH AFRICA ENERGY HARVESTING MARKET
2017-2024 (\$ MILLION)

FIGURE 47 SOUTH AFRICA ENERGY HARVESTING MARKET 2017-2024 (\$
MILLION)

FIGURE 48 TARGETED ENERGY CONSUMPTION MIX FOR 2030 IN SOUTH
AFRICA

COMPANIES MENTIONED

1. ABB LIMITED
2. ARVENI
3. CONVERGENCE WIRELESS
4. CYMBET CORPORATION
5. ENOCEAN GMBH
6. FUJITSU LIMITED
7. GREEN TEG
8. G24 INNOVATIONS LIMITED (ACQUIRED BY G24I POWER LTD)
9. MOUSER ELECTRONICS, INC.
10. HONEYWELL INTERNATIONAL INC.
11. MICROCHIP TECHNOLOGY
12. LAIRD TECHNOLOGY (NEXTREME THERMAL SOLUTIONS)
13. SCHNEIDER ELECTRIC
14. SIEMENS AG
15. STMICROELECTRONICS N.V.
16. TEXAS INSTRUMENT INCORPORATED

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