

Smart Meter Market by Type (Electric Gas, and Water), Component, Technology (AMI & AMR), Communication (RF, PLC, and Cellular), End-user (Residential, Commercial, Industrial) and Region - Global Forecast to 2028

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Abstracts

The global smart meter market is estimated to grow from USD 23.1 Billion in 2023 to USD 36.3 Billion by 2028; it is expected to record a CAGR of 9.4% during the forecast period. Governments worldwide are undertaking several initiatives to meet future electricity demands and are focusing on reducing carbon footprint by promoting the use of renewable energy sources to produce energy. Smart meters will play a crucial role in achieving these initiatives.

“Software: The fastest segment of the smart meter market, by component “

Based on components, the smart meter market has been split into hardware and software. The customer information system (CIS), meter data management system (MDMS), and metering and billing software are critical software components of smart meters. The software helps manage the operations of smart meters once deployed by the utilities. Smart meter software aids in the detection of abnormal utility consumption patterns and the accurate billing of consumers.

“AMI segment is expected to emerge as the largest segment based on technology”

By technology, the smart meter market has been segmented into AMI & AMR. AMI enables the meters to collect and transmit data on utility and energy use in real-time. The foundation of smart grid projects is smart meters employing AMI technology, and rising investment in such projects serves as a major growth driver for the market for AMI

smart meters

“Europe is expected to be the second largest market during the forecast period.”

Europe is expected to be the second-largest market in the global smart meters in 2022 and is among the pioneers in adopting smart meters technology. Major western European countries such as France, Germany, Italy, Spain, and the UK are mature markets for smart meters. The European Union has already started the modernization and transformation toward a climate-neutral economy and plans to become the world's first major economy to go climate neutral by 2050.

Breakdown of Primaries:

In-depth interviews have been conducted with various key industry participants, subject-matter experts, C-level executives of key market players, and industry consultants, among other experts, to obtain and verify critical qualitative and quantitative information, as well as to assess future market prospects. The distribution of primary interviews is as follows:

By Company Type: Tier 1- 45%, Tier 2- 30%and Tier 3- 25%

By Designation: C-Level- 35%, Directors - 25%, and Others- 40%

By Region: North America- 27%, Europe- 20%, Asia Pacific- 33%, the Middle East & Africa- 12%, and South America- 8%

Note: Others includes product engineers, product specialists, and engineering leads.

Note: The tiers of the companies are defined on the basis of their total revenues as of 2021. Tier 1: > USD 1 billion, Tier 2: From USD 500 million to USD 1 billion, and Tier 3: The smart meter market is dominated by a few major players that have a wide regional presence. The leading players in the smart meter market are Schneider Electric (France), Landis+Gyr (Switzerland), Itron (US), Siemens (Germany), Wasion Group (China), Badger Meter (US), and Sensus (Xylem) (US)

Research Coverage:

The report defines, describes, and forecasts the global smart meter market, by type, component, technology, communication, end user, and region. It also offers a detailed

qualitative and quantitative analysis of the market. The report provides a comprehensive review of the major market drivers, restraints, opportunities, and challenges. It also covers various important aspects of the market. These include an analysis of the competitive landscape, market dynamics, market estimates, in terms of value, and future trends in the smart meter market.

Key Benefits of Buying the Report

1. The report identifies and addresses the key markets for smart meter market, which would help equipment manufacturers review the growth in demand.
2. The report helps system providers understand the pulse of the market and provides insights into drivers, restraints, opportunities, and challenges.
3. The report will help key players understand the strategies of their competitors better and help them in making better strategic decisions.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 INCLUSIONS AND EXCLUSIONS

1.3.1 SMART METER MARKET, BY TYPE: INCLUSIONS AND EXCLUSIONS

1.3.2 SMART METER MARKET, BY COMPONENT: INCLUSIONS AND EXCLUSIONS

1.3.3 SMART METER MARKET, BY COMMUNICATION: INCLUSIONS AND EXCLUSIONS

1.3.4 SMART METER MARKET, BY TECHNOLOGY: INCLUSIONS AND EXCLUSIONS

1.3.5 SMART METER MARKET, BY END USER: INCLUSIONS AND EXCLUSIONS

1.4 MARKET SCOPE

1.4.1 MARKETS COVERED

1.4.2 REGIONAL SCOPE

1.4.3 YEARS CONSIDERED

1.5 CURRENCY CONSIDERED

1.6 LIMITATIONS

1.7 STAKEHOLDERS

1.8 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 1 SMART METER MARKET: RESEARCH DESIGN

2.2 MARKET BREAKDOWN AND DATA TRIANGULATION

FIGURE 2 DATA TRIANGULATION

2.2.1 SECONDARY DATA

2.2.1.1 Key data from secondary sources

2.2.2 PRIMARY DATA

2.2.2.1 Key insights from primary sources

2.2.2.2 Breakdown of primaries

2.3 SCOPE

FIGURE 3 MAIN METRICS CONSIDERED TO ANALYZE AND ASSESS DEMAND FOR SMART METERS

2.4 MARKET SIZE ESTIMATION

2.4.1 BOTTOM-UP APPROACH

FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

2.4.2 TOP-DOWN APPROACH

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

2.4.3 DEMAND-SIDE ANALYSIS

2.4.3.1 Regional analysis

2.4.3.2 Country-level analysis

2.4.3.3 Assumptions for demand-side analysis

2.4.3.4 Calculations for demand-side analysis

2.4.4 SUPPLY-SIDE ANALYSIS

FIGURE 6 KEY STEPS CONSIDERED TO ASSESS SUPPLY OF SMART METERS

FIGURE 7 SMART METER MARKET: SUPPLY-SIDE ANALYSIS

2.4.4.1 Calculations for supply-side analysis

2.4.4.2 Assumptions for supply-side analysis

FIGURE 8 COMPANY REVENUE ANALYSIS, 2021

2.5 FORECAST

2.6 RISK ASSESSMENT

2.7 RECESSION IMPACT

3 EXECUTIVE SUMMARY

TABLE 1 SNAPSHOT OF SMART METER MARKET

FIGURE 9 AMI SEGMENT TO HOLD LARGER SHARE OF SMART METER MARKET DURING FORECAST PERIOD

FIGURE 10 SMART ELECTRIC METER SEGMENT TO LEAD SMART METER MARKET DURING FORECAST PERIOD

FIGURE 11 CELLULAR SEGMENT TO LEAD SMART METER MARKET DURING FORECAST PERIOD

FIGURE 12 HARDWARE SEGMENT TO HOLD LARGER SHARE OF SMART METER MARKET DURING FORECAST PERIOD

FIGURE 13 RESIDENTIAL SEGMENT TO LEAD SMART METER MARKET DURING FORECAST PERIOD

FIGURE 14 ASIA PACIFIC ACCOUNTED FOR LARGEST SHARE OF SMART METER MARKET IN 2022

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN SMART METER MARKET

FIGURE 15 GROWING NEED TO IMPROVE RELIABILITY OF GRID

INFRASTRUCTURES AND REDUCE WATER LOSSES

4.2 ASIA PACIFIC SMART METER MARKET, BY END USER AND COUNTRY

FIGURE 16 RESIDENTIAL SEGMENT AND CHINA HELD LARGEST SHARES OF ASIA PACIFIC SMART METER MARKET IN 2022

4.3 SMART METER MARKET, BY TYPE

FIGURE 17 SMART ELECTRIC METER SEGMENT TO ACCOUNT FOR LARGEST MARKET SHARE IN 2028

4.4 SMART METER MARKET, BY END USER

FIGURE 18 RESIDENTIAL SEGMENT TO HOLD LARGEST MARKET SHARE IN 2028

4.5 SMART METER MARKET, BY TECHNOLOGY

FIGURE 19 AMI SEGMENT TO LEAD SMART METER MARKET IN 2028

4.6 SMART METER MARKET, BY COMPONENT

FIGURE 20 HARDWARE SEGMENT TO HOLD LARGER SHARE OF SMART METER MARKET IN 2028

4.7 SMART METER MARKET, BY COMMUNICATION

FIGURE 21 CELLULAR SEGMENT TO DOMINATE SMART METER MARKET IN 2028

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 22 SMART METER MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Supportive government regulations pertaining to digitalization of grids

FIGURE 23 INVESTMENT SHARE PERCENTAGE OF DIGITAL GRID

INFRASTRUCTURE IN GLOBAL ELECTRICITY INVESTMENT, 2014–2019

5.2.1.2 Rising adoption of smart meters to monitor utility systems in real time

5.2.1.3 Dynamic pricing of utilities

5.2.1.4 Reduced blackouts and failures of utility systems

5.2.1.5 Increased need to monitor energy consumption to achieve carbon neutrality

5.2.2 RESTRAINTS

5.2.2.1 High setup and operational costs and limited availability of low-cost digital upgrades

5.2.2.2 Decline in infrastructure development investments and low return on investment

5.2.3 OPPORTUNITIES

5.2.3.1 Focus of governments worldwide on reducing aggregate technical and commercial losses

FIGURE 24 GLOBAL INVESTMENTS IN SMART GRID INFRASTRUCTURE, 2014–2019

5.2.3.2 Integration of artificial intelligence (AI) and machine learning (ML) technologies into smart meters

5.2.3.3 Rising adoption of electric and hybrid vehicles

FIGURE 25 GLOBAL ELECTRIC VEHICLE (EV) STOCKS, 2016–2020 (MILLION UNITS)

5.2.3.4 Increasing focus of developing countries on improving water distribution networks

TABLE 2 WATER AND WASTEWATER TREATMENT PROJECTS IN INDIA**5.2.4 CHALLENGES**

5.2.4.1 Maintenance, security, and integrity of smart meters and associated data and requirement for skilled professionals

5.2.4.2 Dependency on reliable connections between smart meters and smart grid devices to collect highly accurate data

5.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMERS' BUSINESSES

5.3.1 REVENUE SHIFT AND NEW REVENUE POCKETS FOR SMART METER PROVIDERS

FIGURE 26 REVENUE SHIFT FOR SMART METER PROVIDERS**5.4 MARKET MAP****TABLE 3 SMART METER MARKET: ECOSYSTEM ANALYSIS****FIGURE 27 MARKET MAP/ECOSYSTEM ANALYSIS****5.5 VALUE/SUPPLY CHAIN ANALYSIS****FIGURE 28 SMART METER MARKET: VALUE CHAIN ANALYSIS**

5.5.1 RAW MATERIAL/COMPONENT PROVIDERS

5.5.2 SMART METER MANUFACTURERS

5.5.3 DISTRIBUTORS AND AFTER-SALES SERVICE PROVIDERS

5.5.4 END USERS

5.6 AVERAGE SELLING PRICE (ASP) ANALYSIS

FIGURE 29 AVERAGE SELLING PRICE OF PRODUCTS OFFERED KEY PLAYERS, BY TYPE

TABLE 4 AVERAGE SELLING PRICE OF PRODUCTS OFFERED BY KEY PLAYERS, BY TYPE (USD)

5.7 TECHNOLOGY ANALYSIS

5.7.1 SMART METER MARKET BASED ON DIFFERENT TECHNOLOGIES

5.8 TARIFFS, CODES, AND REGULATIONS

5.8.1 TARIFFS RELATED TO SMART METER MARKET

5.8.2 CODES AND REGULATIONS RELATED TO SMART METER MARKET

TABLE 5 SMART METER MARKET: CODES AND REGULATIONS

5.8.3 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 6 GLOBAL: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 7 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 8 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 9 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 10 ROW: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.9 PATENT ANALYSIS

TABLE 11 SMART METER MARKET: INNOVATION AND PATENT REGISTRATION

5.10 TRADE ANALYSIS

5.10.1 EXPORT SCENARIO

TABLE 12 EXPORT SCENARIO FOR HS CODE: 9028, BY COUNTRY, 2019–2021 (USD THOUSAND)

5.10.2 IMPORT SCENARIO

TABLE 13 IMPORT SCENARIO FOR HS CODE: 9028, BY COUNTRY, 2019–2021 (USD THOUSAND)

5.11 KEY CONFERENCES AND EVENTS, 2022–2023

TABLE 14 SMART METER MARKET: LIST OF CONFERENCES AND EVENTS

5.12 CASE STUDY ANALYSIS

5.12.1 SMART WATER SYSTEM HELPED CITY OF MONROE TO IDENTIFY INDIVIDUAL LEAKING HOUSES AFTER WINTER STORMS

5.12.2 SMART METERING HELPED TURN BUDGET DEFICIT UTILITY COMPANY INTO BUDGET PLUS COMPANY

5.12.3 KAMSTRUP HELPED RURAL MUNICIPALITY IN ONEIDA, TENNESSEE, REVERSE WATER LOSS

5.13 PORTER'S FIVE FORCES ANALYSIS

TABLE 15 SMART METER MARKET: PORTER'S FIVE FORCES ANALYSIS

FIGURE 30 SMART METER MARKET: PORTER'S FIVE FORCES ANALYSIS

5.13.1 THREAT OF SUBSTITUTES

5.13.2 BARGAINING POWER OF SUPPLIERS

5.13.3 BARGAINING POWER OF BUYERS

5.13.4 THREAT OF NEW ENTRANTS

5.13.5 INTENSITY OF COMPETITIVE RIVALRY

5.14 KEY STAKEHOLDERS AND BUYING CRITERIA

5.14.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 31 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY END USER

TABLE 16 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS, BY END USER (%)

5.14.2 BUYING CRITERIA

FIGURE 32 KEY BUYING CRITERIA FOR END USERS

TABLE 17 KEY BUYING CRITERIA, BY END USER

6 SMART METER MARKET, BY TYPE

6.1 INTRODUCTION

FIGURE 33 SMART METER MARKET SHARE, BY TYPE, 2022 (%)

TABLE 18 SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

6.2 SMART ELECTRIC METER

6.2.1 RISING NEED TO IMPROVE RELIABILITY OF POWER INFRASTRUCTURE

TABLE 19 SMART ELECTRIC METER: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

6.3 SMART GAS METER

6.3.1 GROWING NEED TO REDUCE GAS CONSUMPTION

TABLE 20 SMART GAS METER: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

6.4 SMART WATER METER

6.4.1 INCREASING NEED TO REDUCE NON-REVENUE WATER LOSSES

TABLE 21 SMART WATER METER: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

7 SMART METER MARKET, BY COMPONENT

7.1 INTRODUCTION

FIGURE 34 SMART METER MARKET, BY COMPONENT, 2022

TABLE 22 SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

7.2 HARDWARE

TABLE 23 HARDWARE: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 24 HARDWARE: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

7.2.1 POWER SYSTEM

7.2.1.1 Power systems ensure that metering electronics remain operational even

when mainline is turned off

7.2.2 MICROCONTROLLER

7.2.2.1 Integration of AI or IoT with microcontrollers makes them consumer-friendly

7.2.3 COMMUNICATION INTERFACE

7.2.3.1 Communication interface transmits data from utilities to consumers

7.3 SOFTWARE

TABLE 25 SOFTWARE: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 26 SOFTWARE: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

7.3.1 CUSTOMER INFORMATION SYSTEM (CIS)

7.3.1.1 Improves communication between consumers and service providers

7.3.2 METER DATA MANAGEMENT SYSTEM (MDMS)

7.3.2.1 Enables large data management with multiple users

7.3.3 METERING AND BILLING SOFTWARE

7.3.3.1 Increases billing transparency

8 SMART METER MARKET, BY TECHNOLOGY

8.1 INTRODUCTION

FIGURE 35 AMI SEGMENT ACCOUNTED FOR LARGER MARKET SHARE IN 2022

TABLE 27 SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

8.2 AUTOMATIC METER READING (AMR)

8.2.1 AUTOMATIC METER READING (AMR) HELPS REDUCE MANUAL INTERVENTION FOR DATA COLLECTION

TABLE 28 AMR: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

8.3 ADVANCED METERING INFRASTRUCTURE (AMI)

8.3.1 ADVANCED METERING INFRASTRUCTURE (AMI) INCREASES RELIABILITY OF SMART METER INFRASTRUCTURE

TABLE 29 AMI: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

9 SMART METER MARKET, BY COMMUNICATION

9.1 INTRODUCTION

FIGURE 36 SMART METER MARKET, BY COMMUNICATION, 2022

TABLE 30 SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

9.2 RADIOFREQUENCY (RF)

9.2.1 LOW MAINTENANCE COST

TABLE 31 RF: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

9.3 POWER LINE COMMUNICATION (PLC)

9.3.1 EXCELLENT COMMUNICATION IN HARD-TO-REACH REGIONS

TABLE 32 PLC: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

9.4 CELLULAR

9.4.1 COST-EFFECTIVENESS AND FAST DATA TRANSMISSION RATE

TABLE 33 CELLULAR: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

10 SMART METER MARKET, BY END USER

10.1 INTRODUCTION

FIGURE 37 SMART METER MARKET, BY END USER, 2022

TABLE 34 SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

10.2 RESIDENTIAL

10.2.1 IMPROVED BILLING ACCURACY AND BENEFITS IN REAL-TIME MONITORING

TABLE 35 RESIDENTIAL: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

10.3 COMMERCIAL

10.3.1 IMPROVED ENERGY EFFICIENCY AND REMOTE MANAGEMENT OF ENERGY CONSUMPTION

TABLE 36 COMMERCIAL: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

10.4 INDUSTRIAL

10.4.1 RISING NEED TO IMPROVE ENERGY EFFICIENCY AND COMPLY WITH STANDARDS AND REGULATIONS

TABLE 37 INDUSTRIAL: SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

11 SMART METER MARKET, BY REGION

11.1 INTRODUCTION

FIGURE 38 ASIA PACIFIC SMART METER MARKET TO REGISTER HIGHEST CAGR FROM 2023 TO 2028

FIGURE 39 SMART METER MARKET, BY REGION, 2022 (%)

TABLE 38 SMART METER MARKET, BY REGION, 2021–2028 (USD MILLION)

TABLE 39 SMART METER MARKET, BY REGION, 2021–2028 (MILLION UNITS)

11.2 ASIA PACIFIC

FIGURE 40 ASIA PACIFIC: SNAPSHOT OF SMART METER MARKET**11.2.1 RECESSION IMPACT: ASIA PACIFIC****11.2.2 BY TYPE****TABLE 40 ASIA PACIFIC: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)****11.2.3 BY COMMUNICATION****TABLE 41 ASIA PACIFIC: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)****11.2.4 BY COMPONENT****TABLE 42 ASIA PACIFIC: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)****TABLE 43 ASIA PACIFIC: SMART METER MARKET FOR SOFTWARE, BY TYPE, 2021–2028 (USD MILLION)****TABLE 44 ASIA PACIFIC: SMART METER MARKET FOR HARDWARE, BY TYPE, 2021–2028 (USD MILLION)****11.2.5 BY TECHNOLOGY****TABLE 45 ASIA PACIFIC: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)****11.2.6 BY END USER****TABLE 46 ASIA PACIFIC: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)****11.2.7 BY COUNTRY****TABLE 47 ASIA PACIFIC: SMART METER MARKET, BY COUNTRY, 2021–2028 (USD MILLION)****11.2.7.1 China****11.2.7.1.1 Energy transition and shift toward smart electrification****TABLE 48 CHINA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)****TABLE 49 CHINA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)****TABLE 50 CHINA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)****TABLE 51 CHINA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)****TABLE 52 CHINA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)****11.2.7.2 Australia****11.2.7.2.1 Government-led targets on net zero and renewable energy installations****TABLE 53 AUSTRALIA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)**

TABLE 54 AUSTRALIA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 55 AUSTRALIA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 56 AUSTRALIA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 57 AUSTRALIA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.2.7.3 Japan

11.2.7.3.1 Rising focus on improving power quality in electricity infrastructure

TABLE 58 JAPAN: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 59 JAPAN: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 60 JAPAN: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 61 JAPAN: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 62 JAPAN: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.2.7.4 India

11.2.7.4.1 Supportive government policies

TABLE 63 INDIA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 64 INDIA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 65 INDIA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 66 INDIA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 67 INDIA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.2.7.5 South Korea

11.2.7.5.1 Rising focus on increasing share of renewable energy supply in power generation

TABLE 68 SOUTH KOREA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 69 SOUTH KOREA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 70 SOUTH KOREA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 71 SOUTH KOREA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 72 SOUTH KOREA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.2.7.6 Rest of Asia Pacific

TABLE 73 REST OF ASIA PACIFIC: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 74 REST OF ASIA PACIFIC: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 75 REST OF ASIA PACIFIC: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 76 REST OF ASIA PACIFIC: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 77 REST OF ASIA PACIFIC: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3 EUROPE

FIGURE 41 EUROPE: SNAPSHOT OF SMART METER MARKET

11.3.1 RECESSION IMPACT: EUROPE

11.3.2 BY TYPE

TABLE 78 EUROPE: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

11.3.3 BY COMMUNICATION

TABLE 79 EUROPE: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

11.3.4 BY COMPONENT

TABLE 80 EUROPE: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 81 EUROPE: SMART METER MARKET FOR SOFTWARE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 82 EUROPE: SMART METER MARKET FOR HARDWARE, BY TYPE, 2021–2028 (USD MILLION)

11.3.5 BY TECHNOLOGY

TABLE 83 EUROPE: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

11.3.6 BY END USER

TABLE 84 EUROPE: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.7 BY COUNTRY

TABLE 85 EUROPE: SMART METER MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

11.3.7.1 UK

11.3.7.1.1 Supportive government policies related to smart meter market

TABLE 86 UK: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 87 UK: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 88 UK: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 89 UK: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 90 UK: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.7.2 Germany

11.3.7.2.1 Rising requirement for smart meters to improve reliability of power infrastructures

TABLE 91 GERMANY: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 92 GERMANY: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 93 GERMANY: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 94 GERMANY: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 95 GERMANY: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.7.3 France

11.3.7.3.1 Supportive government regulations to build efficient power infrastructure

TABLE 96 FRANCE: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 97 FRANCE: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 98 FRANCE: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 99 FRANCE: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 100 FRANCE: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.7.4 Italy

11.3.7.4.1 Rollout of next-generation smart meters

TABLE 101 ITALY: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 102 ITALY: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 103 ITALY: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 104 ITALY: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 105 ITALY: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.7.5 Spain

11.3.7.5.1 Need for reliable grid operations and reducing NRW losses

TABLE 106 SPAIN: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 107 SPAIN: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 108 SPAIN: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 109 SPAIN: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 110 SPAIN: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.7.6 Poland

11.3.7.6.1 Supportive government laws for smart grid development

TABLE 111 POLAND: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 112 POLAND: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 113 POLAND: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 114 POLAND: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 115 POLAND: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.3.7.7 Rest of Europe

TABLE 116 REST OF EUROPE: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 117 REST OF EUROPE: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 118 REST OF EUROPE: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 119 REST OF EUROPE: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 120 REST OF EUROPE: SMART METER MARKET, BY END USER,

2021–2028 (USD MILLION)

11.4 NORTH AMERICA

11.4.1 RECESSION IMPACT: NORTH AMERICA

FIGURE 42 NORTH AMERICA: SNAPSHOT OF SMART METER MARKET

11.4.2 BY TYPE

TABLE 121 NORTH AMERICA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

11.4.3 BY COMMUNICATION

TABLE 122 NORTH AMERICA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

11.4.4 BY COMPONENT

TABLE 123 NORTH AMERICA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 124 NORTH AMERICA: SMART METER MARKET FOR SOFTWARE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 125 NORTH AMERICA: SMART METER MARKET FOR HARDWARE, BY TYPE, 2021–2028 (USD MILLION)

11.4.5 BY TECHNOLOGY

TABLE 126 NORTH AMERICA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

11.4.6 BY END USER

TABLE 127 NORTH AMERICA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.4.7 BY COUNTRY

TABLE 128 NORTH AMERICA: SMART METER MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

11.4.7.1 US

11.4.7.1.1 Implementation of climate change policies and rising investments in smart grid infrastructures

TABLE 129 US: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 130 US: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 131 US: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 132 US: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 133 US: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.4.7.2 Canada

11.4.7.2.1 Increasing domestic power consumption and upgrade of electric grid infrastructure to incorporate renewable energy

TABLE 134 CANADA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 135 CANADA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 136 CANADA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 137 CANADA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 138 CANADA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.4.7.3 Mexico

11.4.7.3.1 Massive smart meter rollout plans and government-led support

TABLE 139 MEXICO: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 140 MEXICO: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 141 MEXICO: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 142 MEXICO: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 143 MEXICO: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.5 MIDDLE EAST & AFRICA

11.5.1 RECESSION IMPACT: MIDDLE EAST & AFRICA

11.5.2 BY TYPE

TABLE 144 MIDDLE EAST & AFRICA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

11.5.3 BY COMMUNICATION

TABLE 145 MIDDLE EAST & AFRICA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

11.5.4 BY COMPONENT

TABLE 146 MIDDLE EAST & AFRICA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 147 MIDDLE EAST & AFRICA: SMART METER MARKET FOR SOFTWARE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 148 MIDDLE EAST & AFRICA: SMART METER MARKET FOR HARDWARE, BY TYPE, 2021–2028 (USD MILLION)

11.5.5 BY TECHNOLOGY

TABLE 149 MIDDLE EAST & AFRICA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

11.5.6 BY END USER

TABLE 150 MIDDLE EAST & AFRICA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.5.7 BY COUNTRY

TABLE 151 MIDDLE EAST & AFRICA: SMART METER MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

11.5.7.1 Saudi Arabia

11.5.7.1.1 Rising infrastructure development and growing need to enhance operational efficiency

TABLE 152 SAUDI ARABIA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 153 SAUDI ARABIA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 154 SAUDI ARABIA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 155 SAUDI ARABIA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 156 SAUDI ARABIA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.5.7.2 UAE

11.5.7.2.1 Increasing energy consumption and growing need to improve utility operations

TABLE 157 UAE: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 158 UAE: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 159 UAE: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 160 UAE: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 161 UAE: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.5.7.3 South Africa

11.5.7.3.1 Growing need to reduce utility debts

TABLE 162 SOUTH AFRICA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 163 SOUTH AFRICA: SMART METER MARKET, BY COMMUNICATION,

2021–2028 (USD MILLION)

TABLE 164 SOUTH AFRICA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 165 SOUTH AFRICA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 166 SOUTH AFRICA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.5.7.4 Israel

11.5.7.4.1 Rising focus on real-time monitoring to manage power usage

TABLE 167 ISRAEL: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 168 ISRAEL: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 169 ISRAEL: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 170 ISRAEL: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 171 ISRAEL: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.5.7.5 Egypt

11.5.7.5.1 Replacement of aging utility infrastructure to better manage electricity distribution

TABLE 172 EGYPT: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 173 EGYPT: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 174 EGYPT: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 175 EGYPT: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 176 EGYPT: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.5.7.6 Qatar

11.5.7.6.1 Transition to smart cities and smart infrastructure

TABLE 177 QATAR: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 178 QATAR: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 179 QATAR: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 180 QATAR: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 181 QATAR: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.5.7.7 Turkey

11.5.7.7.1 Reduction in duration of billing and human errors

TABLE 182 TURKEY: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 183 TURKEY: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 184 TURKEY: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 185 TURKEY: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 186 TURKEY: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.5.7.8 Rest of Middle East & Africa

TABLE 187 REST OF MIDDLE EAST & AFRICA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 188 REST OF MIDDLE EAST & AFRICA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 189 REST OF MIDDLE EAST & AFRICA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 190 REST OF MIDDLE EAST & AFRICA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 191 REST OF MIDDLE EAST & AFRICA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.6 SOUTH AMERICA

11.6.1 RECESSION IMPACT: SOUTH AMERICA

11.6.2 BY TYPE

TABLE 192 SOUTH AMERICA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

11.6.3 BY COMMUNICATION

TABLE 193 SOUTH AMERICA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

11.6.4 BY COMPONENT

TABLE 194 SOUTH AMERICA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 195 SOUTH AMERICA: SMART METER MARKET FOR SOFTWARE, BY TYPE, 2021–2028 (USD MILLION)

TABLE 196 SOUTH AMERICA: SMART METER MARKET FOR HARDWARE, BY

TYPE, 2021–2028 (USD MILLION)

11.6.5 BY TECHNOLOGY

TABLE 197 SOUTH AMERICA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

11.6.6 BY END USER

TABLE 198 SOUTH AMERICA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.6.7 BY COUNTRY

TABLE 199 SOUTH AMERICA: SMART METER MARKET, BY COUNTRY, 2021–2028 (USD MILLION)

11.6.7.1 Brazil

11.6.7.1.1 Increasing need to improve operational efficiency

TABLE 200 BRAZIL: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 201 BRAZIL: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 202 BRAZIL: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 203 BRAZIL: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 204 BRAZIL: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.6.7.2 Argentina

11.6.7.2.1 Growing demand for renewable energy

TABLE 205 ARGENTINA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 206 ARGENTINA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 207 ARGENTINA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 208 ARGENTINA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 209 ARGENTINA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.6.7.3 Chile

11.6.7.3.1 Rising need to modernize utility infrastructure and reduce operational costs

TABLE 210 CHILE: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 211 CHILE: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 212 CHILE: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 213 CHILE: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 214 CHILE: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

11.6.7.4 Rest of South America

TABLE 215 REST OF SOUTH AMERICA: SMART METER MARKET, BY TYPE, 2021–2028 (USD MILLION)

TABLE 216 REST OF SOUTH AMERICA: SMART METER MARKET, BY COMMUNICATION, 2021–2028 (USD MILLION)

TABLE 217 REST OF SOUTH AMERICA: SMART METER MARKET, BY COMPONENT, 2021–2028 (USD MILLION)

TABLE 218 REST OF SOUTH AMERICA: SMART METER MARKET, BY TECHNOLOGY, 2021–2028 (USD MILLION)

TABLE 219 REST OF SOUTH AMERICA: SMART METER MARKET, BY END USER, 2021–2028 (USD MILLION)

12 COMPETITIVE LANDSCAPE

12.1 OVERVIEW OF STRATEGIES ADOPTED BY KEY PLAYERS

TABLE 220 OVERVIEW OF STRATEGIES ADOPTED BY KEY MANUFACTURERS OF SMART METERS

12.2 MARKET SHARE ANALYSIS OF TOP FIVE PLAYERS, 2021

FIGURE 43 MARKET SHARE ANALYSIS OF TOP FIVE PLAYERS IN SMART METER MARKET, 2021

TABLE 221 SMART METER MARKET: DEGREE OF COMPETITION

12.3 SMART METER MARKET SHARE ANALYSIS, 2021

12.4 FIVE-YEAR COMPANY REVENUE ANALYSIS

FIGURE 44 REVENUE ANALYSIS OF TOP FIVE PLAYERS IN SMART METER MARKET, 2017–2021

12.5 COMPANY EVALUATION MATRIX/QUADRANT, 2021

12.5.1 STARS

12.5.2 PERVASIVE PLAYERS

12.5.3 EMERGING LEADERS

12.5.4 PARTICIPANTS

FIGURE 45 SMART METER MARKET (GLOBAL): KEY COMPANY EVALUATION MATRIX, 2021

12.6 STARTUP/SME EVALUATION QUADRANT, 2021

12.6.1 PROGRESSIVE COMPANIES

12.6.2 RESPONSIVE COMPANIES

12.6.3 DYNAMIC COMPANIES

12.6.4 STARTING BLOCKS

FIGURE 46 SMART METER MARKET: STARTUP/SME EVALUATION QUADRANT, 2021

12.7 COMPETITIVE BENCHMARKING

TABLE 222 SMART METER MARKET: DETAILED LIST OF KEY STARTUPS/SMES

TABLE 223 SMART METER MARKET: COMPETITIVE BENCHMARKING OF KEY STARTUPS/SMES

12.8 SMART METER MARKET: COMPANY FOOTPRINT

TABLE 224 TYPE: COMPANY FOOTPRINT

TABLE 225 COMPONENT: COMPANY FOOTPRINT

TABLE 226 END USER: COMPANY FOOTPRINT

TABLE 227 REGION: COMPANY FOOTPRINT

TABLE 228 COMPANY FOOTPRINT

12.9 COMPETITIVE SCENARIO

TABLE 229 SMART METER MARKET: PRODUCT LAUNCHES, SEPTEMBER 2019–NOVEMBER 2022

TABLE 230 SMART METER MARKET: DEALS, JULY 2019–OCTOBER 2022

TABLE 231 SMART METER MARKET: OTHERS, JULY 2021–FEBRUARY 2022

13 COMPANY PROFILES

(Business Overview, Products/Solutions Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats))*

13.1 KEY PLAYERS

13.1.1 SCHNEIDER ELECTRIC

TABLE 232 SCHNEIDER ELECTRIC: COMPANY OVERVIEW

FIGURE 47 SCHNEIDER ELECTRIC: COMPANY SNAPSHOT

TABLE 233 SCHNEIDER ELECTRIC: PRODUCTS/SOLUTIONS OFFERED

TABLE 234 SCHNEIDER ELECTRIC: PRODUCT LAUNCHES

TABLE 235 SCHNEIDER ELECTRIC: DEALS

TABLE 236 SCHNEIDER ELECTRIC: OTHERS

13.1.2 LANDIS+GYR

TABLE 237 LANDIS+GYR: COMPANY OVERVIEW

FIGURE 48 LANDIS+GYR: COMPANY SNAPSHOT

TABLE 238 LANDIS+GYR: PRODUCTS/SOLUTIONS OFFERED

TABLE 239 LANDIS+GYR: PRODUCT LAUNCHES

TABLE 240 LANDIS+GYR: DEALS

TABLE 241 LANDIS+GYR: OTHERS

13.1.3 ITRON, INC.

TABLE 242 ITRON, INC.: COMPANY OVERVIEW

FIGURE 49 ITRON, INC.: COMPANY SNAPSHOT

TABLE 243 ITRON, INC.: PRODUCTS/SOLUTIONS OFFERED

TABLE 244 ITRON, INC.: PRODUCT LAUNCHES

TABLE 245 ITRON, INC.: DEALS

TABLE 246 ITRON, INC.: OTHERS

13.1.4 SIEMENS

TABLE 247 SIEMENS: COMPANY OVERVIEW

FIGURE 50 SIEMENS: COMPANY SNAPSHOT

TABLE 248 SIEMENS: PRODUCTS/SOLUTIONS OFFERED

TABLE 249 SIEMENS: DEALS

TABLE 250 SIEMENS: OTHERS

13.1.5 WASION GROUP

TABLE 251 WASION GROUP: COMPANY OVERVIEW

FIGURE 51 WASION GROUP: COMPANY SNAPSHOT

TABLE 252 WASION GROUP: PRODUCTS/SOLUTIONS OFFERED

TABLE 253 WASION GROUP: DEALS

13.1.6 BADGER METER, INC.

TABLE 254 BADGER METER, INC.: COMPANY OVERVIEW

FIGURE 52 BADGER METER, INC.: COMPANY SNAPSHOT

TABLE 255 BADGER METER, INC.: PRODUCTS/SOLUTIONS OFFERED

TABLE 256 WASION GROUP: PRODUCT LAUNCHES

TABLE 257 BADGER METER, INC.: DEALS

13.1.7 SENSUS (XYLEM)

TABLE 258 SENSUS (XYLEM): COMPANY OVERVIEW

FIGURE 53 SENSUS (XYLEM): COMPANY SNAPSHOT

TABLE 259 SENSUS (XYLEM): PRODUCTS/SOLUTIONS OFFERED

TABLE 260 SENSUS XYLEM: PRODUCT LAUNCHES

TABLE 261 SENSUS XYLEM: DEALS

13.1.8 HONEYWELL INTERNATIONAL

TABLE 262 HONEYWELL INTERNATIONAL: COMPANY OVERVIEW

FIGURE 54 HONEYWELL INTERNATIONAL: COMPANY SNAPSHOT

TABLE 263 HONEYWELL INTERNATIONAL: PRODUCTS/SOLUTIONS OFFERED

TABLE 264 HONEYWELL INTERNATIONAL: PRODUCT LAUNCHES

TABLE 265 HONEYWELL INTERNATIONAL: DEALS

13.1.9 LARSEN & TOUBRO

TABLE 266 LARSEN & TOUBRO: COMPANY OVERVIEW

FIGURE 55 LARSEN & TOUBRO: COMPANY SNAPSHOT

TABLE 267 LARSEN & TOUBRO: PRODUCTS/SOLUTIONS OFFERED

TABLE 268 LARSEN & TOUBRO: OTHERS

13.1.10 KAMSTRUP A/S

TABLE 269 KAMSTRUP A/S: COMPANY OVERVIEW

TABLE 270 KAMSTRUP A/S: PRODUCTS/SOLUTIONS OFFERED

TABLE 271 KAMSTRUP A/S: PRODUCT LAUNCHES

TABLE 272 KAMSTRUP A/S: DEALS

TABLE 273 KAMSTRUP A/S: OTHERS

13.1.11 GENUS POWER INFRASTRUCTURE

TABLE 274 GENUS POWER INFRASTRUCTURE: COMPANY OVERVIEW

FIGURE 56 GENUS POWER INFRASTRUCTURE: COMPANY SNAPSHOT

TABLE 275 GENUS POWER INFRASTRUCTURE: PRODUCTS/SOLUTIONS OFFERED

TABLE 276 GENUS POWER INFRASTRUCTURE: DEALS

13.1.12 ACLARA TECHNOLOGIES

TABLE 277 ACLARA TECHNOLOGIES: COMPANY OVERVIEW

TABLE 278 ACLARA TECHNOLOGIES: PRODUCTS/SOLUTIONS OFFERED

TABLE 279 ACLARA TECHNOLOGIES: PRODUCT LAUNCHES

TABLE 280 ACLARA TECHNOLOGIES: DEALS

TABLE 281 ACLARA TECHNOLOGIES: OTHERS

13.1.13 OSAKI ELECTRIC CO., LTD. (EDMI)

TABLE 282 OSAKI ELECTRIC CO., LTD. (EDMI): COMPANY OVERVIEW

TABLE 283 OSAKI ELECTRIC CO., LTD. (EDMI): PRODUCTS/SOLUTIONS OFFERED

TABLE 284 OSAKI ELECTRIC CO., LTD. (EDMI): PRODUCT LAUNCHES

TABLE 285 OSAKI ELECTRIC CO., LTD. (EDMI): DEALS

TABLE 286 OSAKI ELECTRIC CO. (EDMI): OTHERS

13.1.14 SAGEMCOM

TABLE 287 SAGEMCOM: COMPANY OVERVIEW

TABLE 288 SAGEMCOM: PRODUCTS/SOLUTIONS OFFERED

TABLE 289 SAGEMCOM: PRODUCT LAUNCHES

TABLE 290 SAGEMCOM: DEALS

13.1.15 ISKRAEMECO

TABLE 291 ISKRAEMECO: COMPANY OVERVIEW

TABLE 292 ISKRAEMECO: PRODUCTS/SOLUTIONS OFFERED

TABLE 293 ISKRAEMECO: PRODUCT LAUNCHES

TABLE 294 ISKRAEMECO: DEALS

TABLE 295 ISKRAEMECO: OTHERS

13.2 OTHER PLAYERS

13.2.1 JIANGSU LINYANG ELECTRONICS

TABLE 296 JIANGSU LINYANG ELECTRONICS

13.2.2 HEXING ELECTRICAL

TABLE 297 HEXING ELECTRICAL

13.2.3 NETWORKED ENERGY SERVICES CORPORATION

TABLE 298 NETWORKED ENERGY SERVICES CORPORATION

13.2.4 PIETRO FIORENTINI

TABLE 299 PIETRO FIORENTINI

13.2.5 SECURE METERS

TABLE 300 SECURE METERS

*Details on Business Overview, Products/Solutions Offered, Recent Developments, and MnM View (Key strengths/Right to Win, Strategic Choices Made, and Weaknesses and Competitive Threats) might not be captured in case of unlisted companies.

14 ADJACENT AND RELATED MARKETS

14.1 INTRODUCTION

14.2 LIMITATIONS

14.3 SMART METER INTERCONNECTED MARKETS

14.4 SMART WATER METER MARKET

14.4.1 MARKET DEFINITION

14.4.2 LIMITATIONS

14.4.3 MARKET OVERVIEW

14.4.4 SMART WATER METER MARKET, BY METER TYPE

14.4.4.1 Electromagnetic Meters

TABLE 301 ELECTROMAGNETIC METERS: SMART WATER METERING MARKET, BY REGION, 2020–2027 (USD MILLION)

14.4.4.2 Ultrasonic meters

TABLE 302 ULTRASONIC METERS: SMART WATER METERING MARKET, BY REGION, 2020–2027 (USD MILLION)

14.4.4.3 Smart Mechanical meters

TABLE 303 SMART MECHANICAL METERS: SMART WATER METERING MARKET, BY REGION, 2020–2027 (USD MILLION)

14.4.5 SMART METER MARKET, BY COMPONENT

TABLE 304 SMART WATER METERING MARKET, BY COMPONENT, 2020–2027 (USD MILLION)

14.4.5.1 Meters & Accessories

TABLE 305 METERS & ACCESSORIES: SMART WATER METERING MARKET, BY REGION, 2020–2027 (USD MILLION)

14.4.5.2 IT Solutions

TABLE 306 IT SOLUTIONS: SMART WATER METERING MARKET, BY REGION,

2020–2027 (USD MILLION)

14.4.5.3 Communications

TABLE 307 COMMUNICATIONS: SMART WATER METERING MARKET, BY REGION, 2020–2027 (USD MILLION)

14.4.6 SMART METER MARKET, BY REGION

TABLE 308 SMART WATER METERING MARKET, BY REGION, 2020–2027 (USD MILLION)

14.5 US WATER METER MARKET

14.5.1 MARKET DEFINITION

14.5.2 LIMITATIONS

14.5.3 MARKET OVERVIEW

14.5.4 US WATER METER MARKET, BY PRODUCT

TABLE 309 US WATER METER MARKET, BY PRODUCT, 2016–2026 (USD MILLION)

14.5.5 US WATER METER MARKET, BY APPLICATION

TABLE 310 US WATER METER MARKET, BY APPLICATION, 2016–2026 (USD MILLION)

15 APPENDIX

15.1 INSIGHTS FROM INDUSTRY EXPERTS

15.2 DISCUSSION GUIDE

15.3 KNOWLEDGESTORE: MARKETSDANDMARKETS' SUBSCRIPTION PORTAL

15.4 CUSTOMIZATION OPTIONS

15.5 RELATED REPORTS

15.6 AUTHOR DETAILS

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