

Technology Landscape, Trends and Opportunities in the Global Low Power Wide Area Network (LPWAN) Market

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Abstracts

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The technologies in low power wide area network (LPWAN) have undergone significant change in recent years, with traditional AlarmNet network t%li%advanced LoRaWAN network. The rising wave of new technologies, such as LoRaWAN are creating significant potential in smart building and smart parking applications due t%li%its low power usage, long lasting batteries, and better long distance communications.

In low power wide area network (LPWAN) market, various technologies, such as SIGFOX, LoRaWAN, and weightless are used in the smart waste management, smart building, smart gas and water metering, smart parking, smart streetlight, and livestock monitoring applications. Rising need of long range connectivity between devices, increasing adoption of IoT/M2M applications, low power consumption, and low cost of LPWAN technology are creating new opportunities for various low power wide area network (LPWAN) networks technologies.

This report analyzes technology maturity, degree of disruption, competitive intensity, market potential, and other parameters of various technologies in the low power wide area network (LPWAN) market. Some insights are depicted below by a sample figure. For more details on figures, the companies researched, and other objectives/benefits on this research report, please download the report brochure.

The study includes technology readiness, competitive intensity, regulatory compliance, disruption potential, trends, forecasts and strategic implications for the global low power wide area network (LPWAN) market by application, technology, and region as follows:

Technology Readiness by Technology Type

Competitive Intensity and Regulatory Compliance

Disruption Potential by Technology Type

Trends and Forecasts by Technology Type [\$M shipment analysis from 2018 to 2030]:

SIGFOX

LoRaWAN

Weightless

Others

Technology Trends and Forecasts by Application [\$M shipment analysis from 2018 to 2030]:

Smart Waste Management

SIGFOX

LoRaWAN

Weightless

Others

Smart Building

SIGFOX

LoRaWAN

Weightless

Others

Smart Gas and Water Metering

SIGFOX

LoRaWAN

Weightless

Others

Smart Parking

SIGFOX

LoRaWAN

Weightless

Others

Smart Streetlight

SIGFOX

LoRaWAN

Weightless

Others

Livestock Monitoring

SIGFOX

LoRaWAN

Weightless

Others

Others

SIGFOX

LoRaWAN

Weightless

Others

Technology Trends and Forecasts by Region [\$M shipment analysis for 2018
t%li%2030]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Germany

France

Asia Pacific

Japan

China

South Korea

India

The Rest of the World

Latest Developments and Innovations in the Low Power Wide Area Network (LPWAN) Technologies

Companies / Ecosystems

Strategic Opportunities by Technology Type

Some of the Low Power Wide Area Network (LPWAN) companies profiled in this report include Semtech Corporation, LORIoT, NWave Technologies, SIGFOX, WAVIoT, Actility, Ingenu, Link Labs, Weightless SIG, and Senet.

This report answers following 9 key questions:

Q.1 What are some of the most promising and high-growth technology opportunities for the low power wide area network (LPWAN) market?

Q.2 Which technology will grow at a faster pace and why?

Q.3 What are the key factors affecting dynamics of different technologies? What are the drivers and challenges of these technologies in low power wide area network (LPWAN) market?

Q.4 What are the levels of technology readiness, competitive intensity and regulatory compliance in this technology space?

Q.5 What are the business risks and threats to these technologies in low power wide area network (LPWAN) market?

Q.6 What are the latest developments in low power wide area network (LPWAN) technologies? Which companies are leading these developments?

Q.7 Which technologies have potential of disruption in this market?

Q.8 Who are the major players in this low power wide area network (LPWAN) market? What strategic initiatives are being implemented by key players for business growth?

Q.9 What are strategic growth opportunities in this low power wide area network (LPWAN) technology space?

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9.8. Link Labs

9.9. Weightless SIG

9.10. Senet

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