

Global Small Hydropower Market Size Study, by Turbine Type (Reaction Turbine, Propeller Turbine, Francis Turbine), by Size (Pico Hydro, Micro Hydro, Mini Hydro, Small Hydro), by End-use (Industrial, Residential, Commercial), and Regional Forecasts 2022-2032

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Abstracts

The Global Small Hydropower Market, valued at approximately USD 226.60 billion in 2023, is projected to grow at a compound annual growth rate (CAGR) of 4.3% from 2023 to 2032. Small hydropower, a renewable energy source harnessing the power of flowing or falling water, is increasingly recognized as a clean and sustainable alternative to fossil fuels. It is particularly effective in reducing greenhouse gas emissions and supporting decentralized power generation in rural areas, where access to centralized electricity grids is often limited.

The growth of the small hydropower market is driven by the rising demand for green energy and the increasing awareness of its environmental benefits. Government regulations and incentives are playing a crucial role in fostering the development of small hydropower projects globally. Furthermore, technological advancements, such as improved turbine designs and automation systems, are enhancing the efficiency and cost-effectiveness of small hydropower installations, providing lucrative opportunities for market players.

The key regions considered in the study include Asia Pacific, North America, Europe, Latin America, and the Middle East and Africa. Europe leads the Global Small Hydropower Market, with countries like Norway, Sweden, and Switzerland at the forefront, supported by favorable policies and significant small hydropower capacity.

Asia-Pacific is another key region, with China, India, and Indonesia driving growth due to their vast water resources and supportive governmental policies. Latin America, with its abundant water resources and supportive policies, is also emerging as a significant market for small hydropower.

Major market players included in this report are:

ANDRITZ
General Electric
Voith GmbH & Co. KGaA
FLOVEL Energy Private Limited
ATB Riva Calzoni
Bali?o
Bouvin Fouress Ltd.
Canyon Hydro
CKD Blansko
Energiteknikk
Fichtner GmbH & Co. KG
Small Hydro Consulting Ltd.
Mizuho Bank, Ltd.
Enel Green Power
Statkraft AS

The detailed segments and sub-segments of the market are explained below:

By Turbine Type
Reaction Turbine
Propeller Turbine
Francis Turbine

By Size
Pico Hydro
Micro Hydro
Mini Hydro
Small Hydro

By End-use
Industrial
Residential
Commercial

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Italy

Spain

Rest of Europe

Asia Pacific

China

Japan

India

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East and Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

Contents

CHAPTER 1. GLOBAL SMALL HYDROPOWER MARKET EXECUTIVE SUMMARY

- 1.1. Global Small Hydropower Market Size & Forecast (2023-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Turbine Type
 - 1.3.2. By Size
 - 1.3.3. By End-use
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL SMALL HYDROPOWER MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations
 - 2.3.3. Supply Side Analysis
 - 2.3.3.1. Availability
 - 2.3.3.2. Infrastructure
 - 2.3.3.3. Regulatory Environment
 - 2.3.3.4. Market Competition
 - 2.3.3.5. Economic Viability (Consumer's Perspective)
 - 2.3.4. Demand Side Analysis
 - 2.3.4.1. Regulatory Frameworks
 - 2.3.4.2. Technological Advancements
 - 2.3.4.3. Environmental Considerations
 - 2.3.4.4. Consumer Awareness & Acceptance
- 2.4. Estimation Methodology
- 2.5. Years Considered for the Study
- 2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL SMALL HYDROPOWER MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Rise in Awareness about Green Energy
- 3.1.2. Increase in Demand for Decentralized Power Generation

3.2. Market Challenges

- 3.2.1. High Initial Capital Investment
- 3.2.2. Regulatory and Environmental Concerns

3.3. Market Opportunities

- 3.3.1. Technological Advancements in Turbine Design and Automation
- 3.3.2. Growing Adoption in Remote and Rural Areas

CHAPTER 4. GLOBAL SMALL HYDROPOWER MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top investment opportunity

4.4. Top winning strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL SMALL HYDROPOWER MARKET SIZE & FORECASTS BY TURBINE TYPE 2023-2032

5.1. Segment Dashboard

5.2. Global Small Hydropower Market: Turbine Type Revenue Trend Analysis, 2023 & 2031 (USD Billion)

- 5.2.1. Reaction Turbine
- 5.2.2. Propeller Turbine
- 5.2.3. Francis Turbine

CHAPTER 6. GLOBAL SMALL HYDROPOWER MARKET SIZE & FORECASTS BY SIZE 2023-2032

- 6.1. Segment Dashboard
- 6.2. Global Small Hydropower Market: Size Revenue Trend Analysis, 2023 & 2031 (USD Billion)
 - 6.2.1. Pico Hydro
 - 6.2.2. Micro Hydro
 - 6.2.3. Mini Hydro
 - 6.2.4. Small Hydro

CHAPTER 7. GLOBAL SMALL HYDROPOWER MARKET SIZE & FORECASTS BY END-USE 2023-2032

- 7.1. Segment Dashboard
- 7.2. Global Small Hydropower Market: End-use Revenue Trend Analysis, 2023 & 2031 (USD Billion)
 - 7.2.1. Industrial
 - 7.2.2. Residential
 - 7.2.3. Commercial

CHAPTER 8. GLOBAL SMALL HYDROPOWER MARKET SIZE & FORECASTS BY REGION 2023-2032

- 8.1. North America Small Hydropower Market
 - 8.1.1. U.S. Small Hydropower Market
 - 8.1.1.1. Turbine Type breakdown size & forecasts, 2023-2032
 - 8.1.1.2. Size breakdown size & forecasts, 2023-2032
 - 8.1.1.3. End-use breakdown size & forecasts, 2023-2032
 - 8.1.2. Canada Small Hydropower Market
- 8.2. Europe Small Hydropower Market
 - 8.2.1. U.K. Small Hydropower Market
 - 8.2.2. Germany Small Hydropower Market
 - 8.2.3. France Small Hydropower Market
 - 8.2.4. Italy Small Hydropower Market

- 8.2.5. Spain Small Hydropower Market
- 8.2.6. Rest of Europe Small Hydropower Market
- 8.3. Asia-Pacific Small Hydropower Market
 - 8.3.1. China Small Hydropower Market
 - 8.3.2. Japan Small Hydropower Market
 - 8.3.3. India Small Hydropower Market
 - 8.3.4. ASEAN Small Hydropower Market
- 8.4. Latin America Small Hydropower Market
 - 8.4.1. Brazil Small Hydropower Market
 - 8.4.2. Mexico Small Hydropower Market
 - 8.4.3. Rest of Latin America Small Hydropower Market
- 8.5. Middle East & Africa Small Hydropower Market
 - 8.5.1. GCC Small Hydropower Market
 - 8.5.2. South Africa Small Hydropower Market
 - 8.5.3. Rest of MEA Small Hydropower Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. Company
 - 9.1.2. Company
 - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. ANDRITZ
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
 - 9.3.2. General Electric
 - 9.3.3. Voith GmbH & Co. KGaA
 - 9.3.4. FLOVEL Energy Private Limited
 - 9.3.5. ATB Riva Calzoni
 - 9.3.6. Bali?o
 - 9.3.7. Bouvin Fouress Ltd.
 - 9.3.8. Canyon Hydro
 - 9.3.9. CKD Blansko
 - 9.3.10. Energiteknikk

- 9.3.11. Fichtner GmbH & Co. KG
- 9.3.12. Small Hydro Consulting Ltd.
- 9.3.13. Mizuho Bank, Ltd.
- 9.3.14. Enel Green Power
- 9.3.15. Statkraft AS

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining
 - 10.1.2. Analysis
 - 10.1.3. Market Estimation
 - 10.1.4. Validation
 - 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

- TABLE 1. Global Small Hydropower market, report scope
- TABLE 2. Global Small Hydropower market estimates & forecasts by Region
2023-2032(USD Billion)
- TABLE 3. Global Small Hydropower market estimates & forecasts by Turbine Type
2023-2032(USD Billion)
- TABLE 4. Global Small Hydropower market estimates & forecasts by Size
2023-2032(USD Billion)
- TABLE 5. Global Small Hydropower market estimates & forecasts by End-use
2023-2032(USD Billion)
- TABLE 6. Global Small Hydropower market by segment, estimates & forecasts,
2023-2032(USD Billion)
- TABLE 7. Global Small Hydropower market by region, estimates & forecasts,
2023-2032(USD Billion)
- TABLE 8. Global Small Hydropower market by segment, estimates & forecasts,
2023-2032(USD Billion)
- TABLE 9. Global Small Hydropower market by region, estimates & forecasts,
2023-2032(USD Billion)
- TABLE 10. Global Small Hydropower market by segment, estimates & forecasts,
2023-2032(USD Billion)
- TABLE 11. Global Small Hydropower market by region, estimates & forecasts,
2023-2032(USD Billion)
- TABLE 12. Global Small Hydropower market by region, estimates & forecasts,
2023-2032(USD Billion)
- TABLE 13. Global Small Hydropower market by region, estimates & forecasts,
2023-2032(USD Billion)
- TABLE 14. U.S. Small Hydropower market estimates & forecasts, 2023-2032(USD
Billion)
- TABLE 15. U.S. Small Hydropower market estimates & forecasts by segment
2023-2032(USD Billion)
- TABLE 16. U.S. Small Hydropower market estimates & forecasts by segment
2023-2032(USD Billion)
- TABLE 17. Canada Small Hydropower market estimates & forecasts, 2023-2032(USD
Billion)
- TABLE 18. Canada Small Hydropower market estimates & forecasts by segment
2023-2032(USD Billion)

TABLE 19. Canada Small Hydropower market estimates & forecasts by segment
2023-2032(USD Billion)

.....

This list is not complete, final report does contain more than 100 tables. The list may be updated in the final deliverable.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Small Hydropower market, research methodology
- FIG 2. Global Small Hydropower market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods.
- FIG 4. Global Small Hydropower market, key trends 2023
- FIG 5. Global Small Hydropower market, growth prospects 2023-2032
- FIG 6. Global Small Hydropower market, Porter's 5 force model
- FIG 7. Global Small Hydropower market, PESTEL analysis
- FIG 8. Global Small Hydropower market, value chain analysis
- FIG 9. Global Small Hydropower market by segment, 2023 & 2031 (USD Billion)
- FIG 10. Global Small Hydropower market by segment, 2023 & 2031 (USD Billion)
- FIG 11. Global Small Hydropower market by segment, 2023 & 2031 (USD Billion)
- FIG 12. Global Small Hydropower market by segment, 2023 & 2031 (USD Billion)
- FIG 13. Global Small Hydropower market by segment, 2023 & 2031 (USD Billion)
- FIG 14. Global Small Hydropower market, regional snapshot 2023 & 2031
- FIG 15. North America Small Hydropower market 2023 & 2031 (USD Billion)
- FIG 16. Europe Small Hydropower market 2023 & 2031 (USD Billion)
- FIG 17. Asia-Pacific Small Hydropower market 2023 & 2031 (USD Billion)
- FIG 18. Latin America Small Hydropower market 2023 & 2031 (USD Billion)
- FIG 19. Middle East & Africa Small Hydropower market 2023 & 2031 (USD Billion)
- FIG 20. Global Small Hydropower market, company market share analysis (2023)

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