Strategic Growth Opportunities in FRP Poles Market

PRESENTED BY
Lucintel

DATE
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Lucintel - At a Glance

- Premier management consulting and market research firm. Founded in 1998.
- Deep global insights into major industries. Team of over 120 analysts / consultants across globe
- Management comprised of PhDs, MBAs, and subject matter experts. Head quarter in Dallas, USA.

Conducted 500+ consulting projects across industries for 3M, Audi, Dupont, Carlyle, GE, etc.

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<tr>
<th>Consulting Services</th>
<th>Why Lucintel</th>
<th>Industries Served</th>
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<tr>
<td>Opportunity screening</td>
<td><strong>Trusted insights:</strong> Reliable insights. Widely cited in Wall Street Journal, Financial Times, Forbes, etc.</td>
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<td>Market entry strategy</td>
<td><strong>Clients we serve:</strong> Over 1000 clients from 70 countries – Fortune 500 companies</td>
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<td>Supply chain analysis</td>
<td><strong>Strategic advice:</strong> Over 20 years of proven global strategic management consulting experience</td>
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Global FRP Poles Market is expected to grow at a CAGR of ~5% by 2025


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<th>Year</th>
<th>Value (US $M)</th>
<th>Growth</th>
<th>Forecast</th>
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<td>2014</td>
<td></td>
<td>5.9%</td>
<td></td>
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<td>2019</td>
<td></td>
<td>5%</td>
<td></td>
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<tr>
<td>2025</td>
<td></td>
<td>5%</td>
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Source: Lucintel

Top Companies in FRP Poles Market
- Valmont Industries
- Petrofisa DO Brasil
- Geotek Inc.
- Strongwell
- Europoles GMBH

Significant Opportunities for FRP Poles by End Use Industry, Manufacturing Process, and Material

**End Use Industry**
- Power Transmission & Distribution
- Telecommunication
- Lighting & Other Industries

**Process**
- Filament Winding
- Pultrusion
- Centrifugal Casting

**Composite Material**
- Fiber
- Resin
In terms of Overall Opportunity, FRP Poles Represents ~0.6% of the Global Utility Pole Market


- 2014: 99.5%
- 2019: 99.4%
- 2025: 99.4%

CAGR (2019-2025)
- Other Poles Market: ~3.8%
- FRP Poles Market: ~5.0%

Note: Others Pole includes (Steel, Wood, Concrete)

Source: Lucintel
In this market, power transmission and distribution is the largest application of FRP poles, filament winding is largest in process.

**FRP Poles Market by Application**

- **Power Transmission and Distribution**
- **Telecommunication**
- **Lighting and Others**

**FRP Poles Market by Process**

- **Pultrusion**
- **Filament Winding**
- **Centrifugal Casting**

**CAGR (2019-25):**

- **Negative** <0%
- **Flat** 0%-3%
- **Growing** >3%

Source: Lucintel
In Terms of Regions, North America Provides the Largest Opportunity for FRP Poles Followed by APAC and Europe

Source: Lucintel
Ecosystem of the FRP Poles Market is Composed of Diverse Group of Companies

Raw Material Suppliers (Fiber and Resin)

FRP Pole Manufacturers

FRP Pole Installation Contractors

End Use (Electricity Distribution, Telecommunication, and Others)

Source: Lucintel
Depletion of Natural Resources and Low Lifecycle Cost are Major Drivers of This Market

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<th>Key Drivers</th>
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<td><strong>Depletion of Natural Resource:</strong> Currently, metal and wooden poles are replaced by FRP poles as hurricanes, wildfires, floods and tornadoes damage these poles and FRP poles have unique advantage of not being affected by rot, corrosion, or UV rays. Administrations in many countries are putting emphasis on replacing metal and wooden poles with FRP poles.</td>
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<td><strong>Easy installation during recovery efforts:</strong> FRP poles require less manpower and equipment to transport and can be installed in many remote areas that are prone to damage from pests and birds.</td>
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<td><strong>Low lifecycle cost:</strong> With the longest life of 80 years, high strength to weight ratio and minimum maintenance during its life make the overall life cycle cost of FRP poles relatively low compared to other competing materials.</td>
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<th>Key Challenges</th>
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<td><strong>High initial cost:</strong> The key challenges that are preventing the FRP pole market development are high initial cost, domination of wood in the utility pole market, lack of track record of FRP poles, and lack of awareness among utilities.</td>
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<td><strong>COVID-19 Impact:</strong> Coronavirus (COVID-19) is having a significant impact on businesses and the economy. End use industry growth will witness negative impact in the Year 2020 due to manufacturing lockdown, and labour shortage. Hence FRP pole market will also witness the negative growth.</td>
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Source: Lucintel
Development of Modular Pole Systems and Growing Demand for UV Resistance Properties in FRP Pole are Some of the Emerging Trends in the FRP Poles Market
Developing Capabilities in Manufacturing of Low Cost and UV Resistance FRP Pole Provide Strategic Growth Paths

Strategic Considerations in FRP Poles Market

- Players of FRP poles market can focus to increase their capabilities to fulfill the growing demand for UV Resistant Properties in FRP poles
- Investments to increase competencies in advanced technologies like Modular Pole Systems
- Research and development activities to develop low cost FRP pole

- Strategic collaborations/ acquisitions to increase geographical presence in the growing region such as China, India, and South Asian countries
- Collaborative activities to develop high strength to weight ratio and lost cost FRP pole

Source: Lucintel
These Insights are Based on Below Market Report from Lucintel. It can help you Identify New Opportunities by Various Segments and Regions


Note: These insights are based on recently launched Lucintel’s Report on FRP Poles Market, which has 150+ Page and over 100+ charts and tables. Lucintel also offers 10% free customization on above report based on your needs.
Lucintel has an Extensive Toolkit to Address Strategic Questions

**Key Questions**

- Is market space / opportunity of current product offerings sufficiently robust?
- Market is focus for many: how can my company profitably differentiate?
- Based on our core skills, where should we focus?
- Should we build or buy? Is build even an option?
- What game changer actions exist and/or is a more incremental approach best?
- What is the order sequence of market entry segments / products?
Contact Us

Sanjay Mazumdar, Ph.D.
CEO, Author, & Strategist
Email: sanjay.mazumdar@lucintel.com

Eric Dahl, MBA, Harvard University
Senior Executive Advisor
Email: eric.dahl@lucintel.com

Brandon Fitzgerald
Director of Client Engagement
Email: brandon.fitzgerald@lucintel.com

Nigel O’Dea
Business Development Manager
Email: nigel.odea@lucintel.com