



Strategic Growth Opportunities in FRP Pipe Market

PRESENTED BY

Lucintel

DATE

June, 2020

Market Intelligence + Growth Consulting + Opportunity Screening + M&A Due Diligence + Benchmarking = **Your Company's Growth.**

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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.

Consulting Services



Why Lucintel

Trusted insights: Reliable insights. Widely cited in Wall Street Journal, Financial Times, Forbes, etc.

Clients we serve: Over 1000 clients from 70 countries – Fortune 500 companies

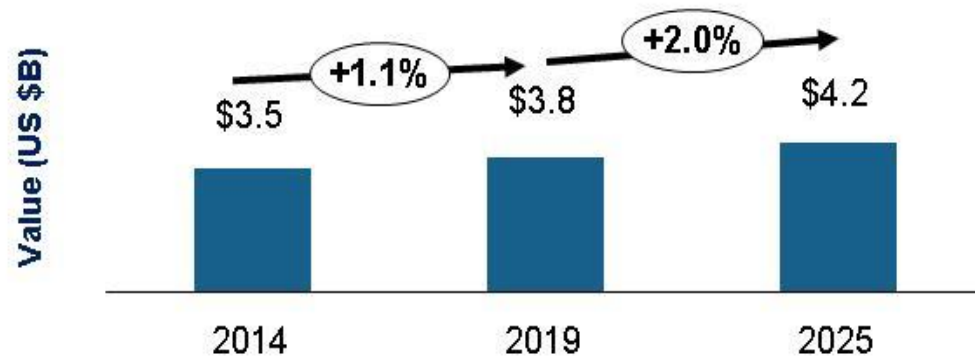
Strategic advice: Over 20 years of proven global strategic management consulting experience

Industries Served



Global FRP Pipe Market is expected to reach \$4.2 billion by 2025 with a CAGR of 2.0%

Trends and Forecast for the Global FRP Pipe Market (US \$B)
(2014-2025)



Source: Lucintel

Top Companies

Future Pipe Industries

NOV Fiber Glass System

Hengrun Group Co. Ltd

Amiblu (Hobas)

Amiantit

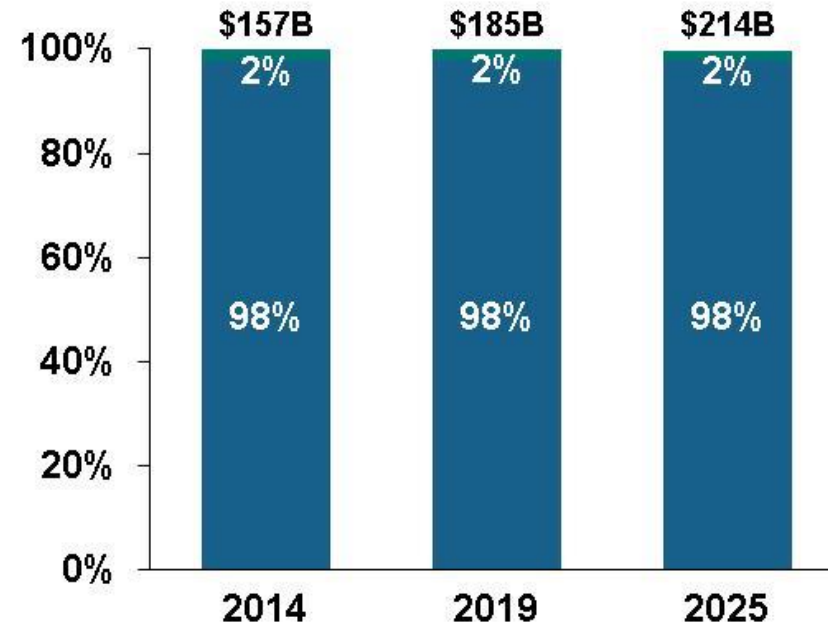
Opportunities for Global FRP Pipe by Various Application, Resin, Diameter, and Manufacturing Process

Application	Resin Type	Diameter Type	Manufacturing Process
<ul style="list-style-type: none"> Oil & Gas Retail Fuel Water / Waste Water Sewage Pulp / Paper Chemical / Industrial Others 	<ul style="list-style-type: none"> Polyester composites Vinyl ester composites Epoxy composites 	<ul style="list-style-type: none"> Small (<18") Medium (18"-60") Large (>60") 	<ul style="list-style-type: none"> Filament Winding Centrifugal Casting Others

In terms of Overall Opportunity, FRP Pipe Represents ~2% in the Global Pipe Market



Global Pipe Market : 2014-2025



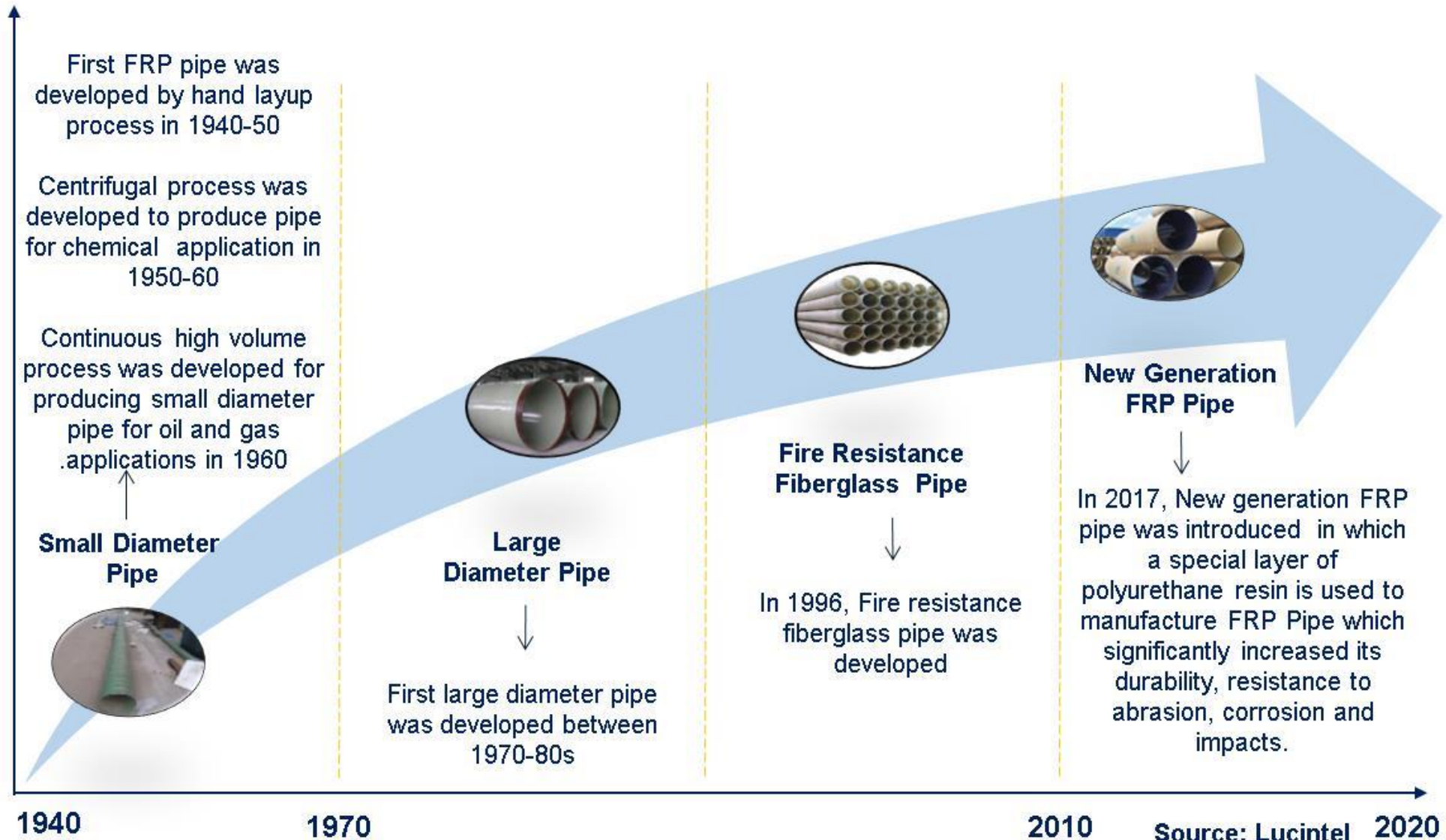
CAGR (2019-2025)

- Global FRP Pipe Market ~2.0%
- Others Pipe Market ~2.5%

Note: Others Pipe Market Includes Steel, Concrete, plastic, and other Pipe

Source: Lucintel

Evolution: Global FRP Pipe Opportunities have Evolved Through Number of Stages from Small Diameter FRP Pipe to New Generation FRP Pipe



In This Market, Chemical / Industrial is the Largest Application of Global FRP Pipe, whereas Epoxy Resin Based FRP Pipe is

Global FRP Pipe Market by Application Type

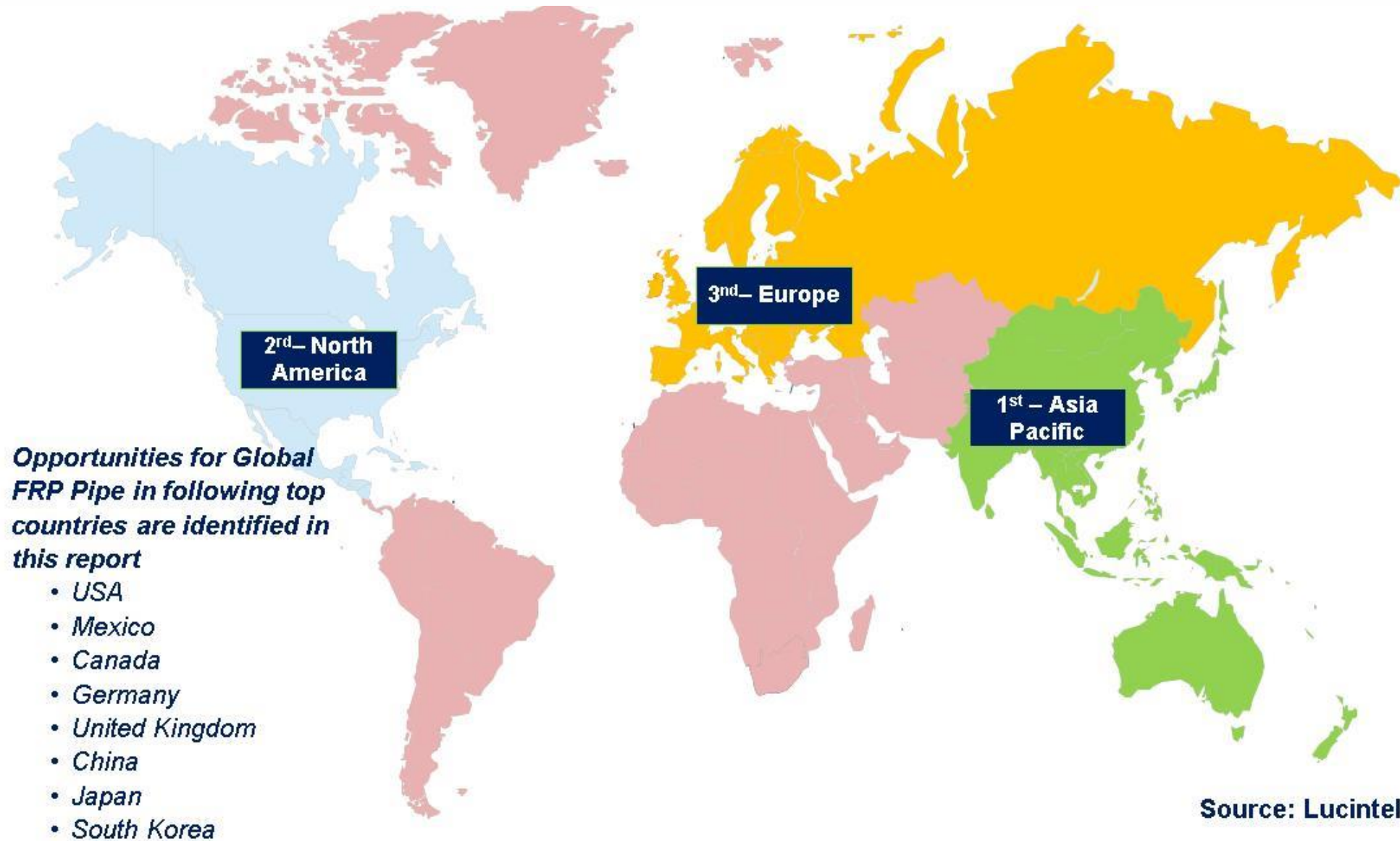


Global FRP Pipe Market by Resin Type



Source: Lucintel

In Terms of Regions, APAC Provides the Largest Opportunity for Global FRP Pipe Followed by North America and Europe



Ecosystem of the FRP Pipe Market is Composed of Diverse Group of Companies

Raw Material Suppliers (Glass Fiber and Resin Supplier)



FRP Pipe Installation Contractors



FRP Pipe Manufacturers



End Users (Oil and Gas, Chemical, Industrial, Municipal)



Source: Lucintel

Increasing Need for Rehabilitation of Water and Waste Water infrastructure and Growth in Construction are the Major Drivers in This Market

Key Drivers

Increasing Need for Rehabilitation of the Major Water and Wastewater Infrastructure: The need for the replacement of existing old pipeline systems, which were more than three decades old in the applications like sewage , water & waste water management are driving the market.

Increase in Construction Market: Increase in residential & non-residential construction and government spending on infrastructure project are driving the growth for FRP pipe in municipal corporation.

Increasing Awareness of FRP Properties: Various properties of FRP like long life span, low maintenance, durability, and corrosion resistance are driving the market.

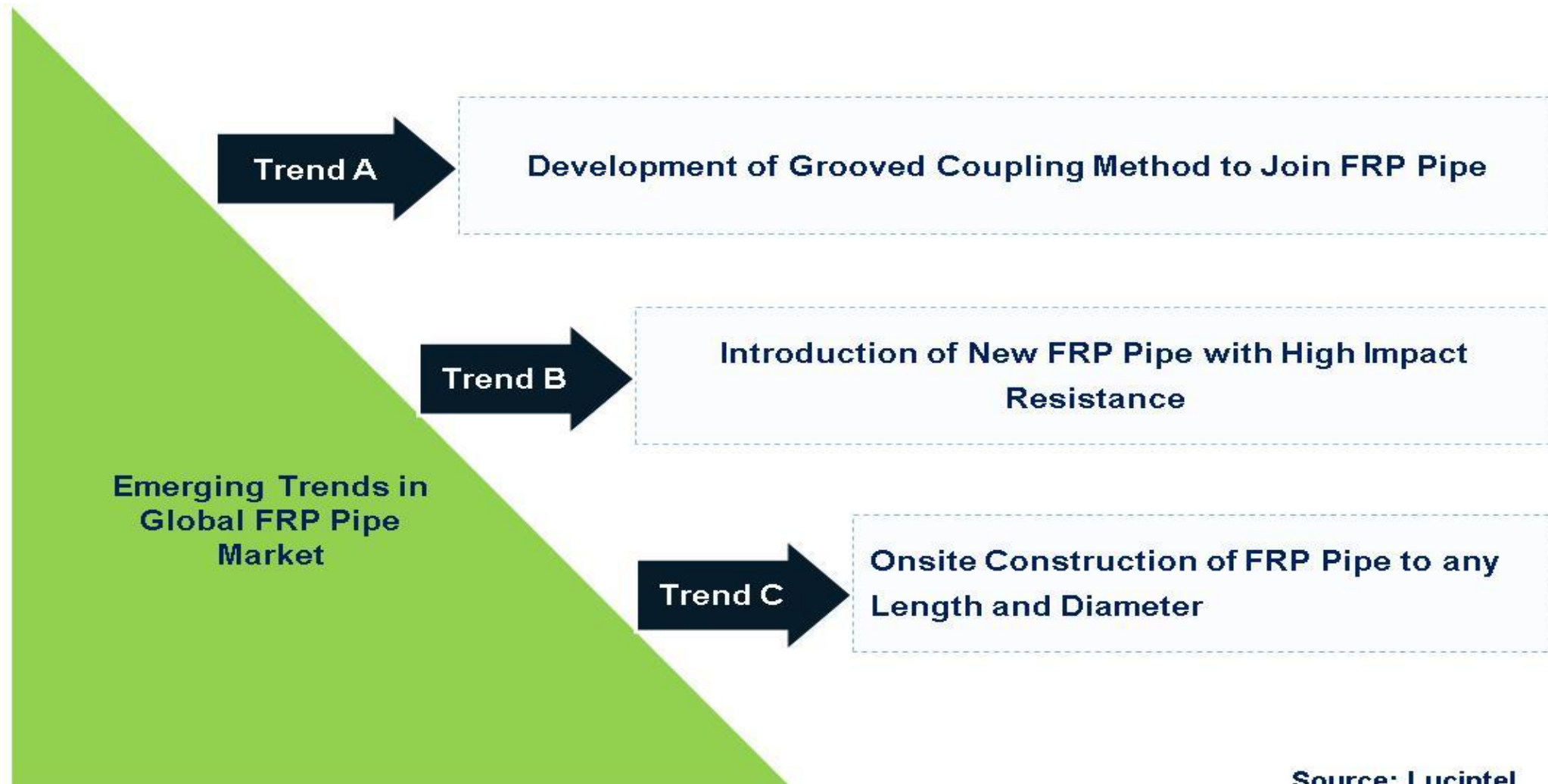
Key Challenges

High Cost: In comparison to pipes made with traditional materials, price and installation costs of FRP pipes are higher.

COVID 19 Impact: Coronavirus (COVID-19) is having significant impact on businesses and the economy. Construction industry growth will witness negative impact in the year 2020 due to manufacturing lockdown, and labor shortage which will also hamper the growth of FRP Pipe Market

Source: Lucintel

Development of Grooved Coupling Method to Join FRP Pipe and Introduction of New FRP Pipe with High Impact Resistance are Some of the Emerging Trends in the FRP Pipe Market



Developing Capabilities in High Impact Resistance and On-Site Manufacturing of Pipes Provide Strategic Growth Paths

Strategic Considerations in FRP Pipe Market

Develop Capabilities

- Players of global FRP Pipe market can focus to increase their capabilities to develop FRP pipe with high impact resistance
- Increase in capabilities to manufacture FRP pipe on-site to any length and diameter
- Investments to increase competencies in advanced technologies like grooved coupling method to join FRP pipe
- Research and development activities to develop low cost FRP pipes

Alliances / In-organic Expansions

- Strategic collaborations / acquisitions to increase geographical presence in growing country such as China and India
- Strategic collaborations / acquisitions to increase geographical presence in growing country

Source: Lucintel

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

[Click for detail: https://www.lucintel.com/frp-pipe-market.aspx](https://www.lucintel.com/frp-pipe-market.aspx)



Market Segment Analysis



Application



Resin

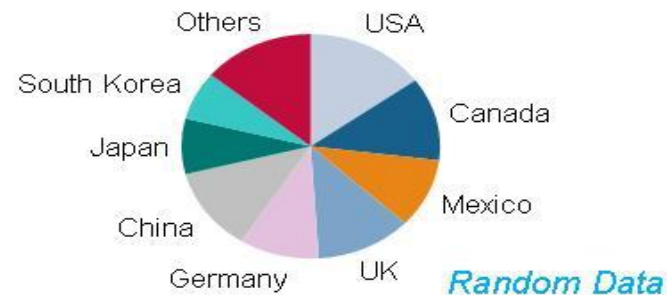


Manufacturing Process

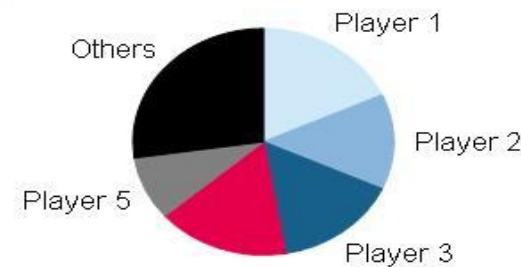


Region

Regional Opportunities



Market Share Analysis



Other Coverage in Report

- *New Product Development*
- *Company Expansion*
- *Merger Acquisitions & JV*
- *Company Profiling*

Note: These insights are based on recently launched Lucintel's Report on Global FRP Pipe 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



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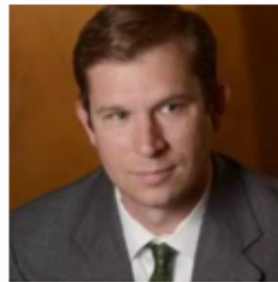
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