



Strategic Growth Opportunities in Thermoplastic Composites Market

PRESENTED BY

Lucintel

DATE

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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

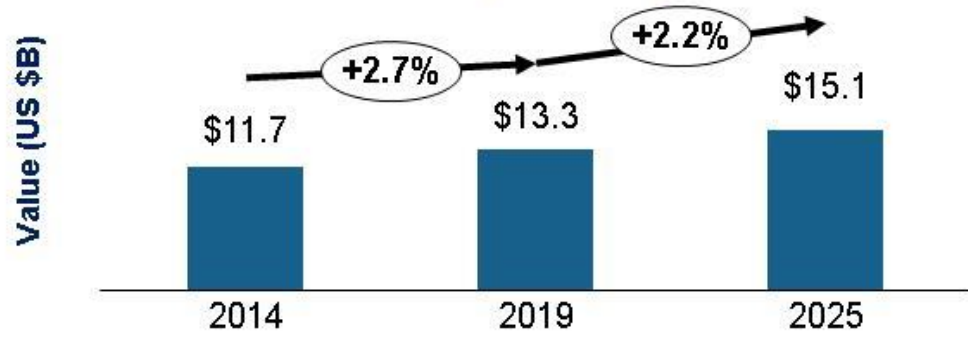
Strategic advice: Over 20 years of proven global strategic management consulting experience

Industries Served



Future of Global Thermoplastic Composites Market is Expected to Reach \$15.1 Billion by 2025 with a CAGR of 2.2%

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



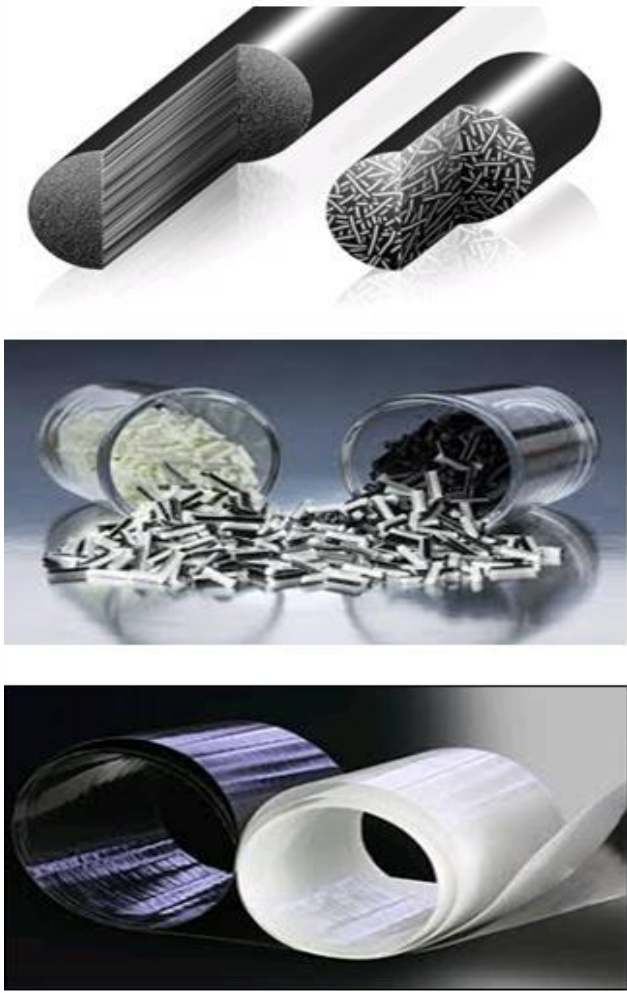
Source: Lucintel

Top Companies
SABIC
DuPont
BASF
DSM
Cytec Solvay

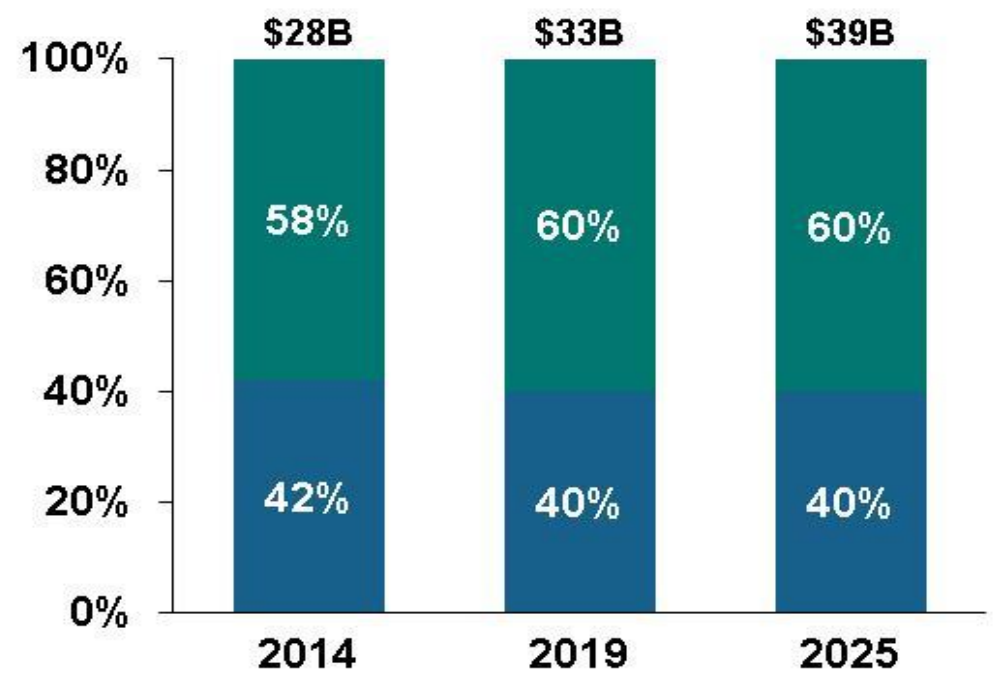
Opportunities for Global TPC by End Use Industry, Material Type, Resin Type, and Reinforcement Type

End Use Industry	Material Type	Resin Type	Reinforcement Type
<ul style="list-style-type: none"> • Transportation • Industrial • Consumer Goods • Construction • Others 	<ul style="list-style-type: none"> • SFT • LFT • CFT • GMT 	<ul style="list-style-type: none"> • PP • PA • PBT • Others 	<ul style="list-style-type: none"> • Glass Fiber • Carbon Fiber & Others

In In Terms of Overall Opportunity, Thermoplastic Composites Represents ~40% in Global Composites Market



Global Composites Market: 2014-2025



CAGR (2019-2025)

- Global Thermoset Composites Market ~2.8%
- Global Thermoplastic Composites Market ~2.2%

Source: Lucintel

In This Market, Transportation is the Largest End Use Industry, Whereas Glass Fiber is Largest in Reinforcement Type

Global Thermoplastic Composites Market by End Use



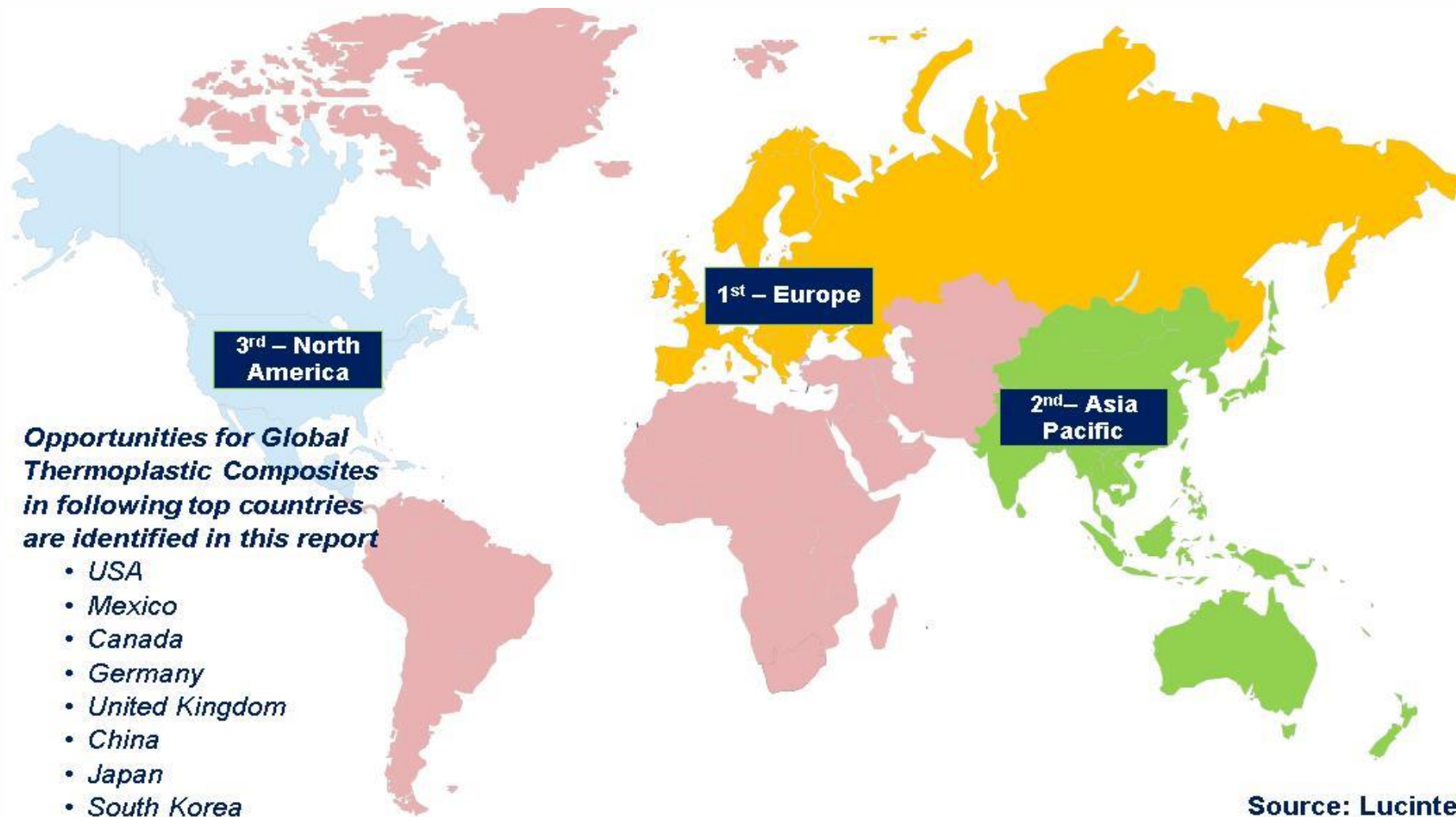
Global Thermoplastic Composites Market by Reinforcement Type



CAGR (2019-25):	<i>Negative</i> <0%	<i>Flat</i> 0%-3%	<i>Growing</i> >3%
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Source: Lucintel

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



Ecosystem of the Global Thermoplastic Composites Market is Composed of Diverse Group of Companies

Raw Material Suppliers (Fiber and Resin)



Thermoplastic Composite Suppliers (SFT, LFT, GMT, CFT)



Molders



OEMs/End Users



Source: Lucintel

Performance Benefits and Shorter Process Cycle Time are Major Drivers of Global Thermoplastic Composites Market

Key Drivers

Growth of End Use Industry: Increasing automotive production and growth in electricals and electronics and consumer goods market drives the thermoplastic composites market

Performance Benefits: Thermoplastic composites are used in many application areas due to their performance benefits over the traditional materials, such as steel and unreinforced plastics

Shorter Process Cycle Time: Shorter molding cycle times and an infinite shelf life as compared to thermosets

Reforming/Remolding: Thermoplastic composite materials can be reshaped and reformed multiple times with the application of heat and pressure

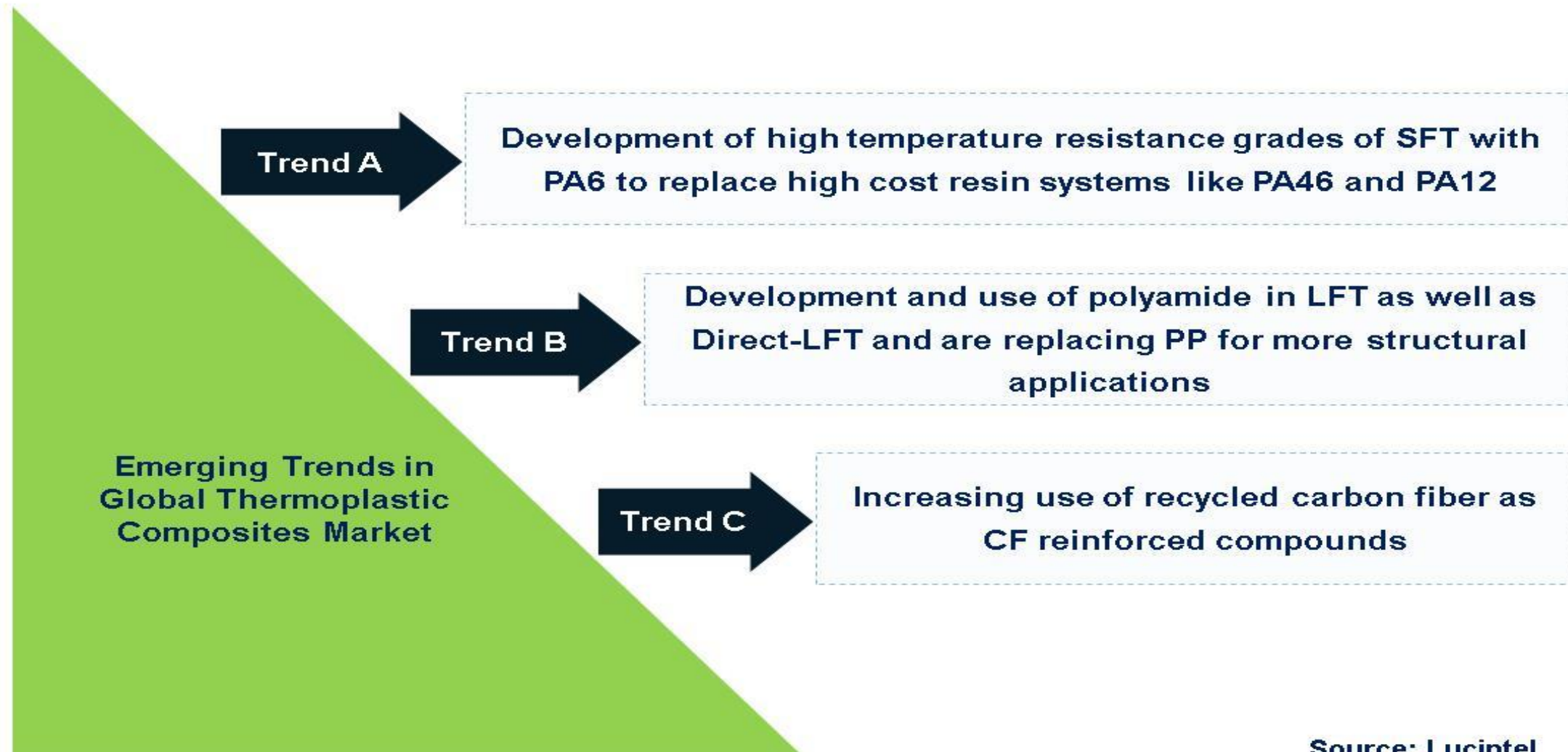
Key Challenges

Higher Tooling Cost: Tooling cost is high in thermoplastic composites manufacturing processes due to the requirement of higher pressure

COVID-19 Impact: Coronavirus (COVID-19) is having a significant impact on businesses and the economy. End use industries growth will witness negative impact in the Year 2020 due to manufacturing lockdown, and labour shortage. Hence Thermoplastic Composites market will also witness the negative growth.

Source: Lucintel

High Temperature SFT, PA based LFT, and Increasing use of Recycled Carbon Fiber are Some of the Emerging Trends of Thermoplastic Composites Market



R&D to Increase the Mechanical Strength Thermoplastic Composites and Development of Low Cost LFT-D Provide Strategic Growth Paths

Strategic Considerations in Thermoplastic Composites Market

Develop Capabilities

- Increase mechanical properties of some of the thermoplastic material to match up with superior performance provided by the competing materials
- Investments to increase competencies in advanced technologies like high temperature resistance grades SFT with PA6 to replace high cost resin system
- Research and development activities to develop low cost D-LFT for automotive application

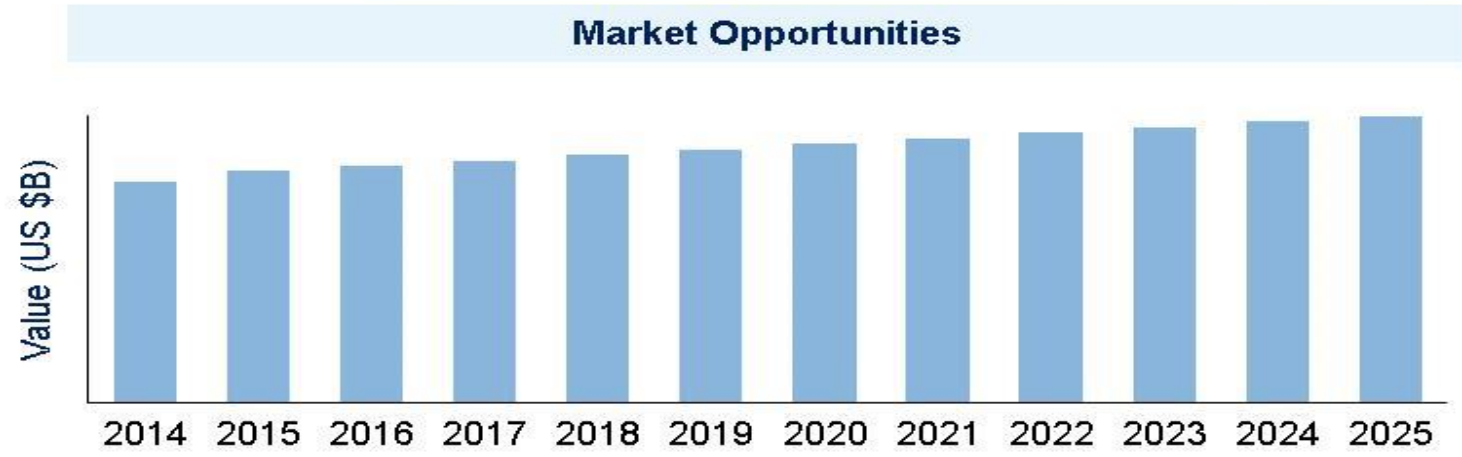
Alliances / In-organic Expansions

- Strategic collaborations / acquisitions to increase geographical presence in growing countries like India, China, and South East Asian countries
- Collaborative activities to develop new product and applications

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/thermoplastic-composites-market.aspx>



- ### 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 Thermoplastic Composites 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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