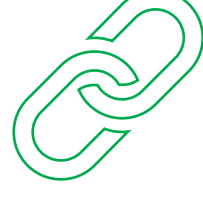
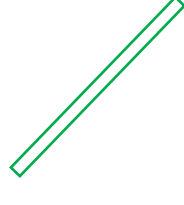


Specialty Fibers Shaping the Future

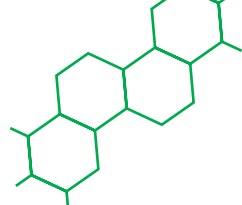
Specialty Fibers are engineered for specific demanding applications due to their outstanding properties.



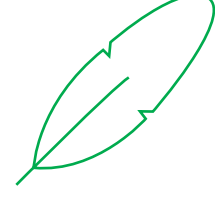
Strength



Stiffness



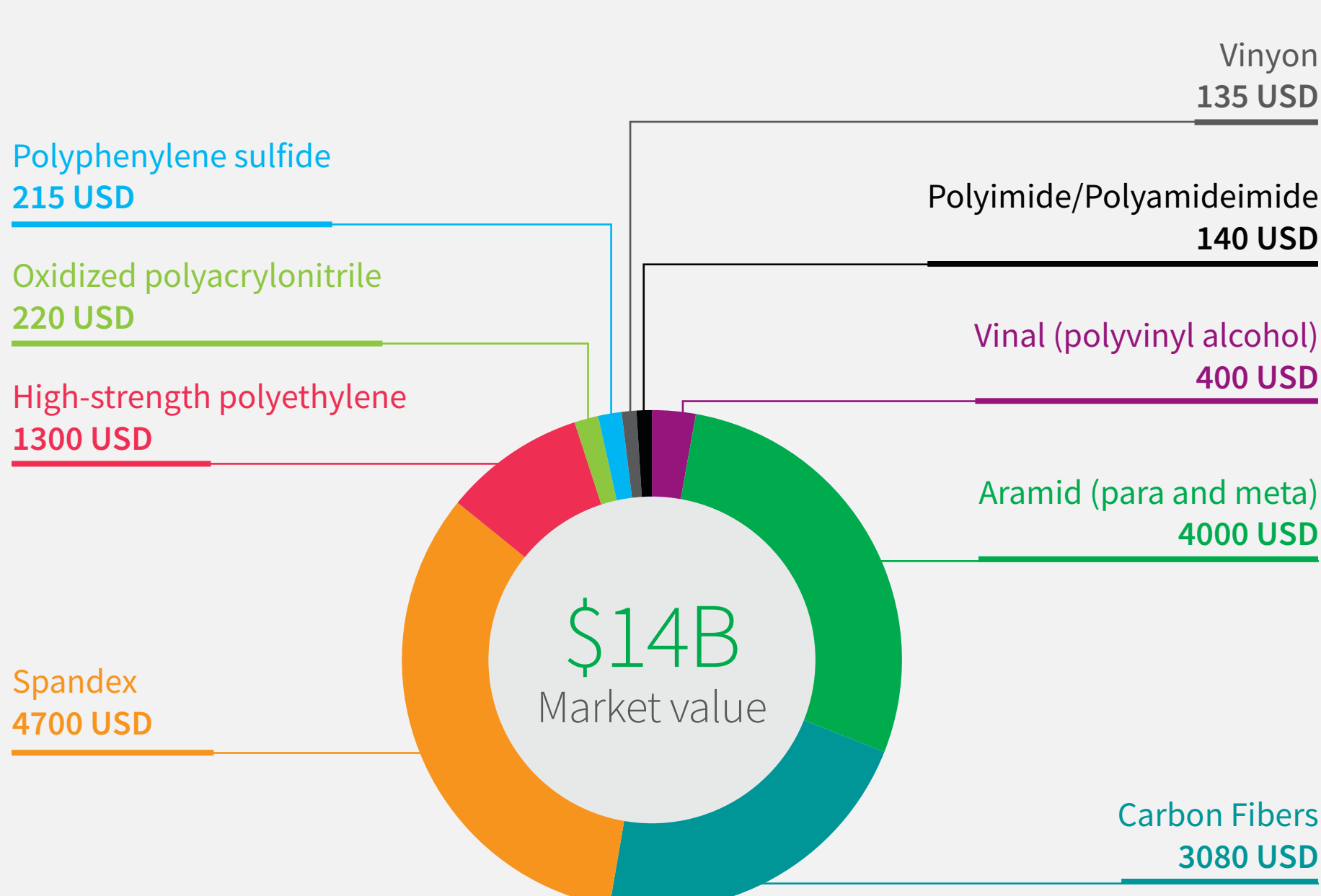
Heat and chemical resistance



Lightweight

20+ types of fibers

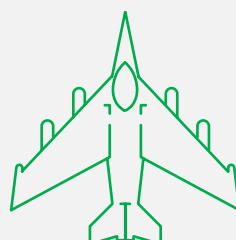
World production of selected specialty organic fibers
(Millions USD)



A fast-developing business, driven by the increasing attention on:



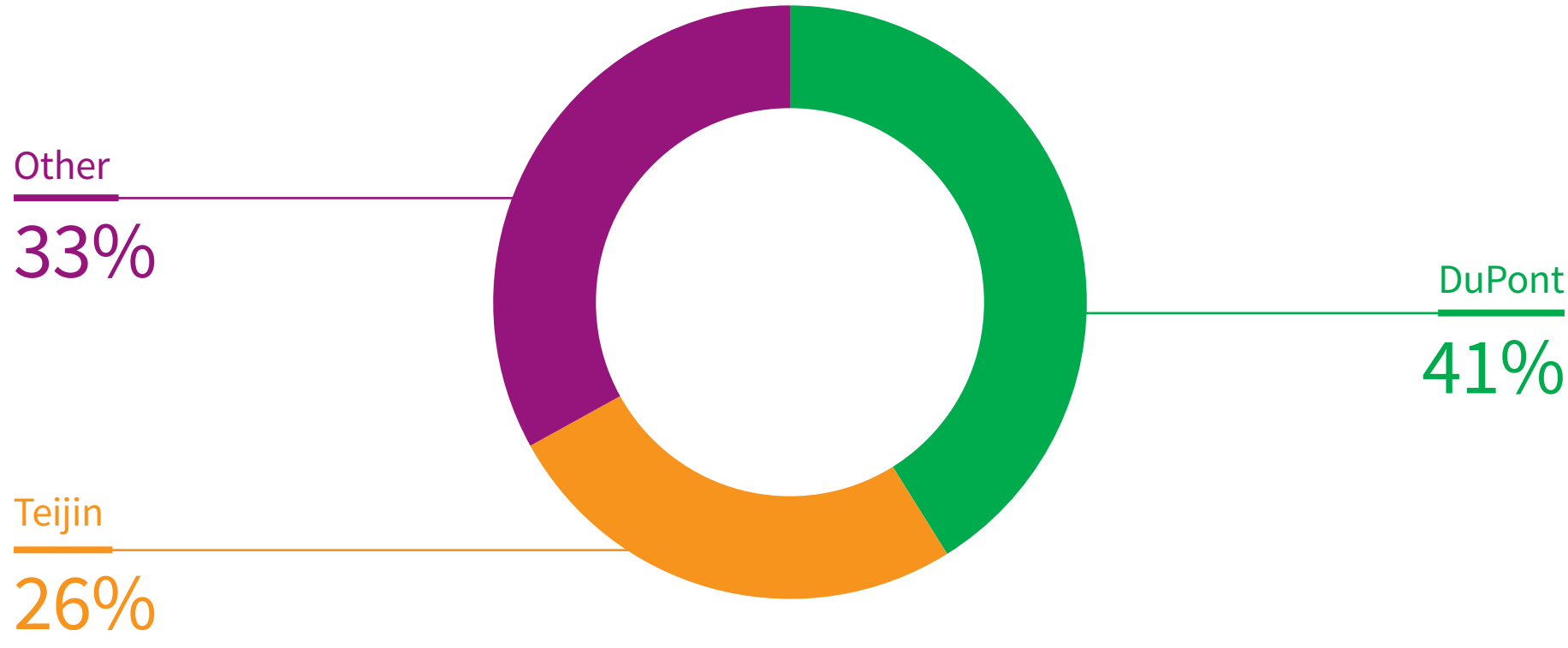
Environmental protection



Civil and military security

Aramid fibers

World producers of Aramid Fibers



✓ Increasing penetration in civil and defense market

✓ Highly concentrated industry

IHS Markit can help you see which regions of the world are adding new production capacity.

Carbon fibers

World consumption of Carbon Fibers



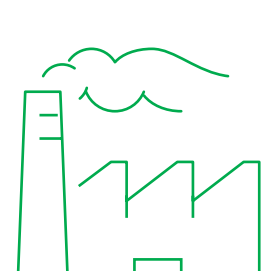
✓ Increasingly used in renewable energy applications

✓ Improves vehicle/aircraft fuel economy and helps reducing carbon dioxide emissions

✓ Higher production costs currently limit more widespread use

Which market segments will grow in which region?

Polyimide fibers



Material for bags used in the filtration of flue gases of e.g. municipal waste incinerators, cement plants, steel plants and coal fired boilers.



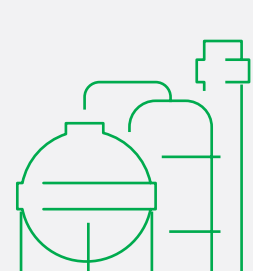
Polyimide fibers are rather expensive with very few producers worldwide.



In Europe, polyimide fibers market will grow 4-5% annually.

What does regional consumption look like?
What other specialty fibers are used in the filtration market?

Gain knowledge in identifying trends and driving forces influencing the specialty fibers market to forecast and plan for future demand.



Supply

producers, plant locations, annual capacities, capacity utilization, and production volumes



Demand

market size, end-use applications, consumption trends, and competing materials



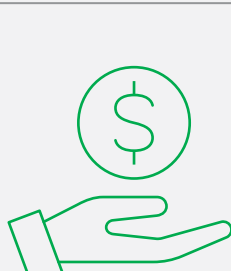
Trade

import/export data, countries of origin and destination



Manufacturing processes

commercial processes and basic chemistry



Price

unit sales volumes, and factors affecting prices