

## GAMMA TECH

**Creation date :** 04/07/2022

**Sector of activity :** Industry

**TRL :** 5

**Development Phase :** Industrialization



### Activity

GAMMA Tech develops and manufactures functionalised silica-based microspheres. The incorporation of mineral or organic nano-particles and the adjustable specific area make those hybrid microspheres unique.

### Co-founder information

**Gilles Talbotier, CEO :** has 17 years of experience in the industry, including roles at Safran Aerospace and Saint-Gobain Group, and the creation of two companies in the materials field. He has 21 years of experience managing business creation operations, notably at Incubator Grain and SATT Linksium, where he was involved in the creation of over 250 deep tech startups. His main expertise lies in team management, business development, and finance operations with a strong focus on the material sector. In the startup, he oversees team management, development strategy, and fundraising operations.

**Isabelle Devant, CSMO :** has over 15 years of experience in corporate B2B environments, including Saint-Gobain Group (France), Nitto Denko (Japan), and Arcelor Mittal (India). She also spent 9 years at Primo1D, a deep tech startup. Her main expertise is in B2B sales development and marketing strategy. Since the startup's creation, she has been 80% involved in marketing and commercial strategy and operations. Her role in the startup includes customer relationship management, product promotion, business development, and commercial and marketing strategy.

**Tarek Fatallah, Scientific Advisor :** holds a PhD in Polymers and Composite Materials and has 20 years of expertise in sol-gel technology.

### Targeted Market

TAM : fillers for paints, cosmetics and polymers (€4.2B).

SAM : fillers for paints, cosmetics and polymers in Europe (€1.6B).

SOM : premium fillers for paints, cosmetics and polymers in Europe (TiO<sub>2</sub>, special pigments) (€200M).

### Next fundraising

**Stage :** Seed

**Dilutive amount :** €1 000 000

**Non-Dilutive amount :** €1 000 000

### Fundraising objectives

The fundraising aims to conduct a feasibility study on a chemical platform (Axel'One in Lyon) and identify tollers, invest in a demo tool, recruit R&D and production staff including a CTO, and consolidate the salesforce.

## LINES MANUFACTURING

**Creation date :** 08/02/2022

**Sector of activity :** Industry

**TRL :** 7

**Development Phase :** Industrialization



### Activity

Lines Manufacturing specializes in high-speed, large-format 3D printing solutions for polymer and composite parts, enabling cost-effective, scalable production for industries such as mobility, marine, and industrial design.

### Co-founder information

**Niels Pernoux, CEO :** is responsible for sales, strategy, and finance. Coming from a family of entrepreneurs, he holds degrees in mechanics and applied physics, with diverse experiences in France, Switzerland, and Silicon Valley, including roles at Liebherr, Rolex, and Tesla. His key skills include strong market insight and a business-oriented vision.

**Emerik Poursillié, CTO :** manages R&D and sourcing. An engineer specializing in plastics processing and advanced modeling, he has worked in thermoforming, PET injection and recycling, and 3D printing for the medical sector. His key skills are polymer science, plastics processing techniques, and innovation.

**Rauf Garip, CSO :** handles pre-sales, services, and customer project coordination. With dual degrees in numerical modeling and biomedical engineering, he is an expert in 3D printing processes, having developed medical implants and various devices. His key skills include mastery of 3D printing processes and full product manufacturing project management.

### Targeted Market

TAM : global plastics industry machinery market (\$30B by 2025).

SAM : European plastics industry machinery market (\$10B by 2025).

SOM : large scale industrial 3D printing machines market (\$500M by 2025).

### Next fundraising

**Stage :** Series A

**Dilutive amount :** €6 000 000

**Non-Dilutive amount :** €4 000 000

### Fundraising objectives

Industrialization of machine production to scale up in terms of annual capacity, and development of a production factory with Lines machines dedicated to on-demand parts production.

## TIBEKA PROTECTIONS

**Creation date :** 21/04/2024

**Sector of activity :** Industry

**TRL :** 8

**Development Phase :** Commercialization



### Activity

Tibeka designs and products Formable Absorbing Impact Textiles. Unlike conventional materials, TIBEKA's High-Performance textiles remain flexible, allowing them to mold to any surface or morphological shape without losing their protective capabilities.

### Co-founder information

**Bertrand Meslier, CEO :** is an entrepreneur passionate about the industrial sector and strategic defense. With Tibeka Protections, he aims to create a solid industrial player focused on innovation, production, and technological sovereignty. He is committed to leading this venture and believes industry is key to building the future.

**Stéphane Bellamy, PAO :** after a career in the Army, is dedicated to developing an innovative and responsible defense industry. He focuses on integrating women and addressing environmental issues in the armed forces. At Tibeka Protections, he aims to design high-performance textile solutions that align with his values, striving to build a leading industrial player.

**Mulat Alubel Abteu, Scientific Advisor :** pursued his academic career in the United States due to his interest in basic research. As an inventor in weaving technology and 3D weaving specialist, he supports Tibeka Protections' PhD students and R&D researchers as a supervisor and thesis director.

### Targeted Market

TAM : global Ballistic protection market (€14B in 2025).

SAM : European ballistic protection market (€3B in 2025).

SOM : European ballistic protection market share (€2M in 2026; €5M in 2027; €6 to 10M in 2028; €200M in 2031).

### Next fundraising

**Stage :** Pre-seed

**Dilutive amount :** €550 000

**Non-Dilutive amount :** €450 000

### Fundraising objectives

This fundraising will enable investment in production lines to ensure our production autonomy and in operations to build a strong commercial and research team. It will help improve the technology and solutions, and strengthen the team through additional recruitments.