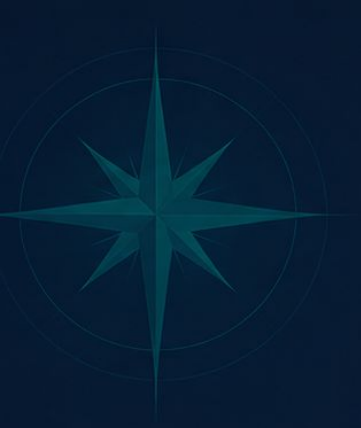




The **Advanced Materials Platform**

We find niche-specific applications for functional materials

Why?: Humankind advances through Materials



With the advent of information, we don't have to wait decades or centuries anymore...

Who we are



Dr. Tobias Deacon

CEO

Ph.D. from the University of Cambridge; led industrial projects in 2D materials, alloys, ceramics and composites.

Key Experience:

- Principal Investigator @ SAIT
- Lead Scientist @ GLC



Kejvi Peti MSc

CTO

Created a CES 2024 on-device AI agent and a Fortune 500 AI platform for Anheuser-Busch.

Key Experience:

- Lead ML. Engineer @ Anheuser-Busch
- MSc in AI @ U. of Leeds



Kejsi Egro, MSc

Full Stack Developer
Masters in Comp. Sci.
3 years experience



Jarad Collins

Senior BD
Masters in Mat. Eng.
10 years experience



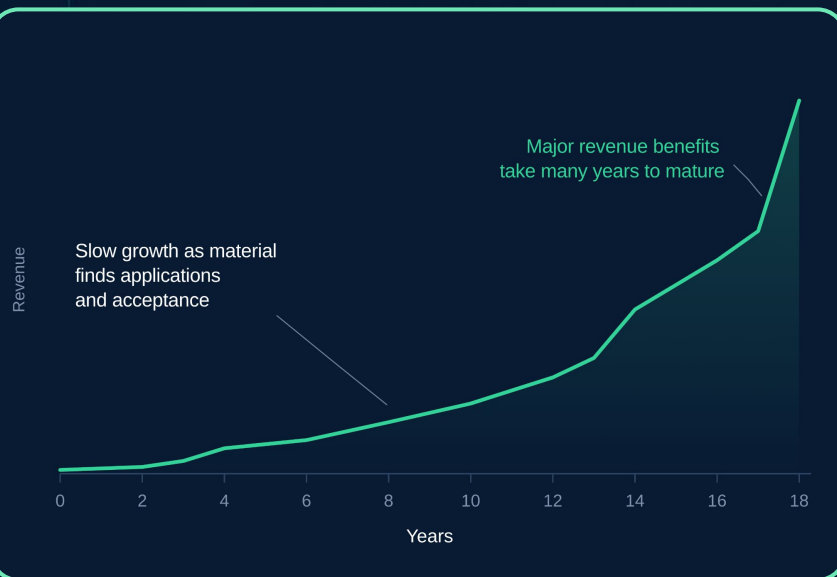
Andrei Iakimtchik, P.Eng

AI + Platforms
P. Eng
10 years experience

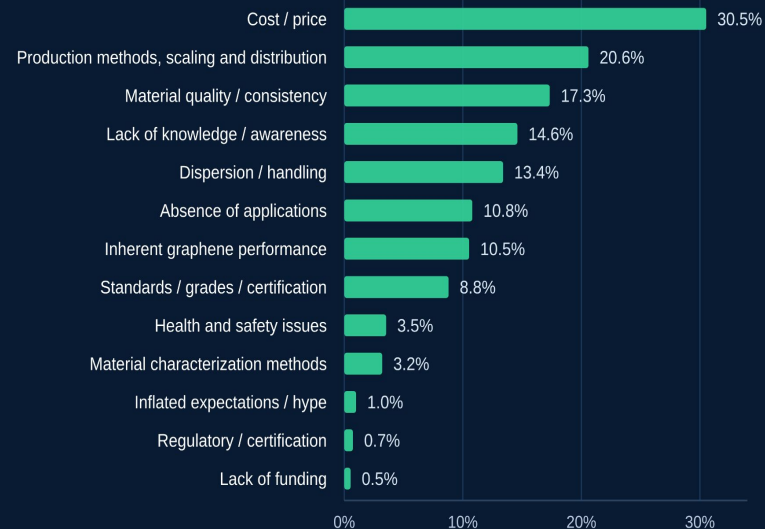
Problem: Material adoption is too SLOW

The utilization of advanced materials is currently extremely slow, it takes **years to commercialization**

Revenue evolution for materials companies



Surveyed obstacles against utilization



Problem: Our Research

The incumbent material is cheaper

We are only a small team!

We know what it must do, we haven't found anything that solves that yet

Material Supplier

They want kilograms, we only produce grams

We need beachhead clients and market leadership

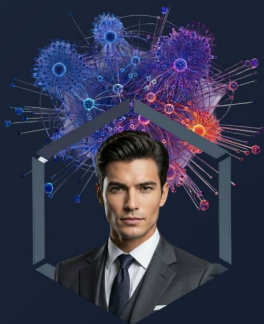


Buyer

We can't qualify a single source

"Analysis Paralysis"

Solution: Agentic B2B Materials Platform



Max

MARKET ANALYSIS AGENT

Beachhead clients

Niche Market



Colette

COLLABORATION AGENT

Research Institutions

Toll Manufacturers



Matchmaker

Problem First

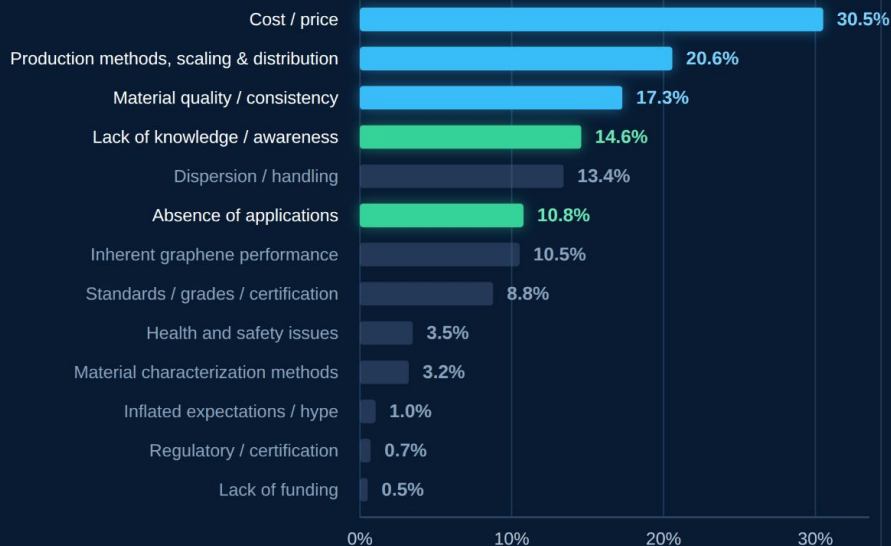
Problem First Queries

Data Flywheel

Leading Knowledge Graph technology + private database access...

Vision: Agentic B2B Materials Platform

Colette — cluster connection MAX + Matchmaker — application discovery Not addressed



NORTH STAR COVERAGE

69%

of all obstacle citations addressed



Colette · 51%

Cost / price
Production methods, scaling & distribution
Material quality / consistency

MAX + Matchmaker · 19%

Lack of knowledge / awareness
Absence of applications

Not addressed · 31%

Eight remaining obstacles



Traction



2 Suppliers

Live Platform

5 Team Members

Next...

**Targeted Market
Suppliers/Buyers**

**Knowledge
Graphs GTM**

Sales Team



Go-To Market Strategy

Supplier

Free Listing

Upsell MAX

Upsell Colette

Buyer

Newsletters

Material
Spotlight

Problem
Flywheel

General

Marketing
Campaigns

Community
Engagement

Partnerships

Business Model

Category	Producers
Nanomaterials	~1,000
Surface and Coatings	~8,000
Advanced Metals & Alloys	~3,000
Advanced Ceramics	~3,000
Other advanced materials	~11,000
Total	~26,000

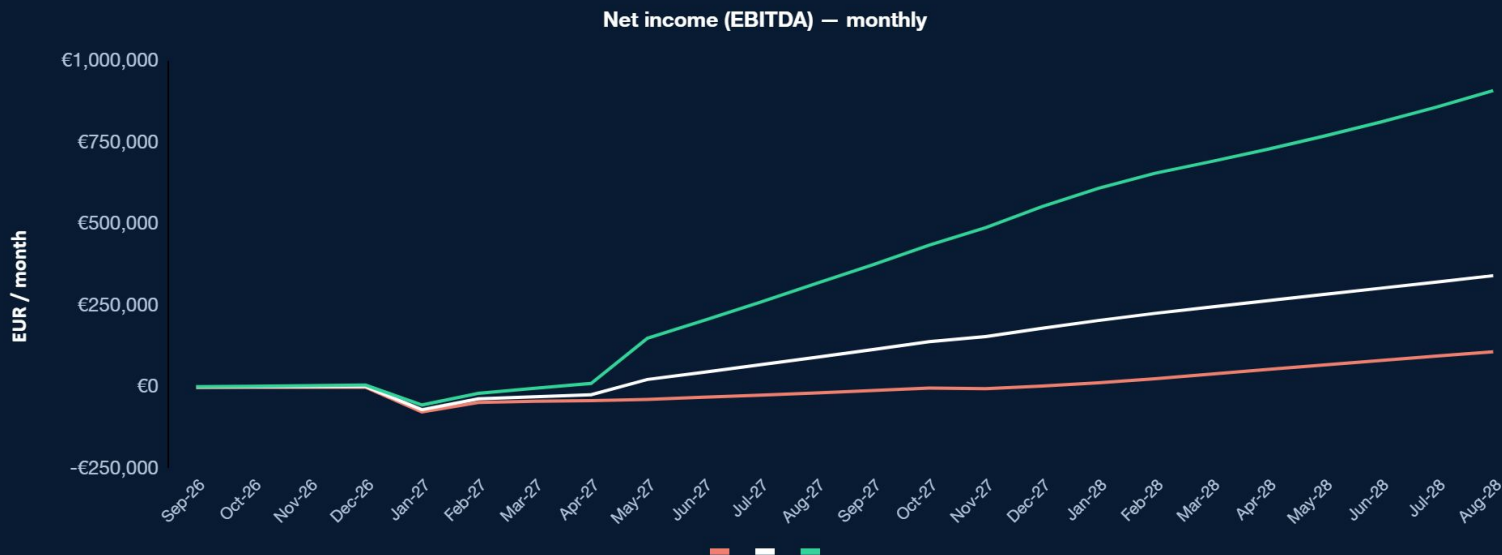
26,000 Companies

10% Acquisition

MAX/Colette per Material

MAX/Colette = 5k = 500/month for live

Financial Forecasts



% of Suppliers that use MAX

Bad = 10%

Ok = 25%

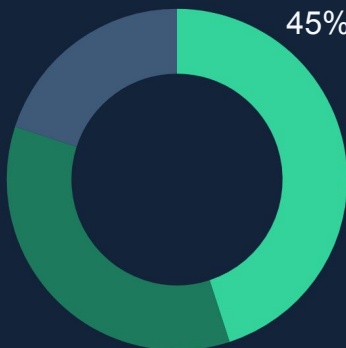
Good = 50%

Potential revenue (not here) inc. Knowledge Graph licensing

Funds

USE OF FUNDS

20% Data & partnerships



45% Product & AI

35% Personnel

WHAT THE FUNDS UNLOCK (24 MONTHS)



Phase 2 shipped + Phase 3 pilots

Knowledge graphs in production;
digital-twin pilots in high-value segments



3 beachhead verticals live

Batteries, automotive & aerospace

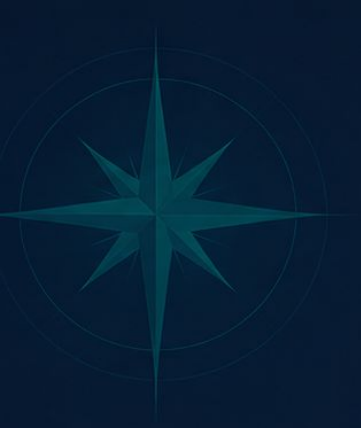


EU expansion

German entity leveraging Fraunhofer IWM &
Start-up BW ecosystem; CA + EU marketplace

Competitors

Capabilities	NorthStar	Valdera	MCX
Marketplace	✓	✗	✓
AI matchmaking	✓	✓	✗
Market intelligence	✓	✓	✗
Low barrier to entry	✓	✗	✗
R&D tools	✓	✗	✗
Agentic AI	✓	✗	✗
No consulting fee	✓	✗	✗



THANK YOU

*Advancing Humanity through
Advanced Materials*

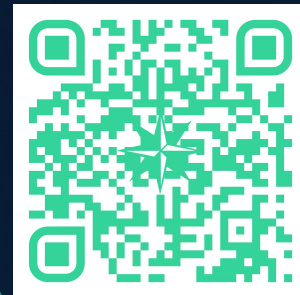


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