

Dunia Innovations GmbH



Headquarters: Berlin, Germany

Sector: DeepTech / AI & Robotics for Materials Discovery

Stage & Funding Type: Early Growth/ Early Revenue/Series A/ Private

Problem: Industries from energy to electronics depend on new materials, catalysts, coatings, semiconductors, yet discovery still relies on slow, trial-and-error R&D that takes 7–10 years and costs hundreds of millions. This bottleneck limits innovation in clean fuels, batteries, carbon capture, and advanced manufacturing.

Solution: Dunia has developed the world's most advanced **AI- and robotics-driven** Materials Acceleration Platform (MAP). Dunia's IRIS Platform is a closed-loop system where AI predicts, robots synthesize, and machine learning validates new materials 100× faster and at a fraction of the cost. The platform drastically shortens R&D cycles from years to months, and enables scalable innovation for several industries.

Market Opportunity: The global advanced materials market exceeds \$1.2 trillion, growing at >6% CAGR, with \$400B+ annual R&D expenditure across chemicals, energy, and electronics. Dunia's platform targets this inefficiency by unlocking multi-billion-dollar value pools in catalysis, batteries, semiconductors, and coatings, which accelerates the global energy transition and circular manufacturing.

Traction:

- \$ 38.5 million signed collaborations across the globe with some of the world's largest energy and materials companies
- \$65+M commercial pipeline backlog with companies from Europe, Middle East and Asia.
- 2 completed commercial projects, Dunia hit early revenue-generation milestones, \$5M expected revenue during between Q4 2025-Q4 2026

Snapshot of Lead / Notable Investors:

- Redalpine, Elaia, Anglo American

Team: Dr. Alexander Hammer (CEO), Dr. Ahmed Ismail, MBA (COO), Dr. Marcus Tze Kiat-Ng (CTO) + management team with 100+ experience in AI, Robotics and energy industry

Contact Information: Ahmed Ismail, PhD, MBA (COO) – ahmed@unia.ai

**FUTURE
INVESTMENT
INITIATIVE**
Powered by the FI Institute

EDITION
9
TH