



biotitan  
nanotechnology

The future of maintenance

Beatrice Carolina Iaia  
CEO&FOUNDER



# MISSION & IMPACT

## THE CHALLENGE

Companies spend a lot of time, a lot of money, and generate risks for health and chemical pollution in order to do cleaning and maintenance of their workspaces.

## OUR MISSION

Biotitan develops nanotechnological products that give long term properties to everyday materials, indoor and outdoor, without changing their aesthetic. We guarantee the best performance on the market with water based, patented and certified products.

## IMPACT & VALUE



Long-lasting protection  
(2-5 years)



1-Year Savings:  
50% workforce  
300,000+ L water  
€20,000+ chlorine



Up to 70% reduction in  
chemical pollution



Higher safety & healthier  
environments

## COMPETITIVE ADVANTAGE

- Patented TRL 9 technology
- Performance 200-300% above standards
- Measurable ESG impact



# STAGE

## BUSINESS MODEL

**B2B: supplying big players, special projects, R&D, consulting**

- 2026/2027 scaling
- From 2027 B2C and B2B2C

## TRACTION & MARKET

**Cleantech market, Industrial, food production, horeca, retail, real estates, PV & public infrastructures**

- 90k high-risk facilities
- 1M photovoltaic systems
- 500M m<sup>2</sup> industrial & GDO flooring

## DEVELOPMENT STAGE

**Technology validated and already deployed**

- Applications:
- anti-slip
  - antibacterial
  - self-cleaning
  - anticorrosion

## FUNDING

**Target raise: €1M (2026)**

Scaling sales, marketing, R&D, certifications and market expansion

# TEAM



**Beatrice Carolina Iaia**  
Founder – CEO

Master in Sustainability  
@ Bocconi Master in  
Nanotechnology  
@Duke University  
Environmental  
Technician in Biosafety.

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**Giuseppe Iaia**  
Founder - R&D Director

Over 40 years of  
experience in the field of  
chemistry and  
nanotechnology,  
is the inventor of the  
patented formulas used by  
Biotitan.



**Roland Mall**  
Sales Director

Over 25 years of  
experience in sales ,  
marketing, &  
project management.  
Busnes leadership  
@ IMD.



**Prof. Giuseppe Rosace**  
Partner – R&D

Full Professor of  
General Chemistry @  
University of Bergamo.



**Ing. Claudio Colleoni**  
Partner – R&D

Researcher in  
nanotechnology,  
Chemical engineer.



**Ing. Riccardo Tonoli**  
Partner - COO



**Ana Calenic**  
Administration

## PRIZES 2024 / 2025





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# GRAZIE!

*BE ON TIME / BIOTITAN*

