

**STRATEGIZE  
ORGANIZE  
GLOBALIZE**

## Wouter Borghols

- **Autonomous Mobility & LiDAR Systems**
- **E-Mobility & Battery Technology**
- **Advanced Automotive Engineering**
- **Industrialization & Manufacturing Strategy**
- **Cross-Functional Program Leadership**



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### CONNECT WITH ME:

Looking to lead innovation in autonomous mobility, scale e-mobility solutions, or industrialize advanced automotive tech?

**Contact Dr. Wouter Borghols** — a seasoned program leader with hands-on experience in LiDAR, high-voltage battery systems, and large-scale technology rollouts across Europe and North America.

Please visit my LinkedIn profile:

[Wouter Borghols](#)

**"I TURN COMPLEX  
AUTOMOTIVE  
TECHNOLOGIES INTO  
REAL-WORLD  
SOLUTIONS — BRIDGING  
INNOVATION,  
ENGINEERING, AND  
EXECUTION ACROSS  
GLOBAL TEAMS."**

### INTRODUCTION

**Wouter Borghols** is a forward-thinking Innovation Strategist and Program Leader, specializing in autonomous mobility, e-mobility systems, and advanced automotive technologies.

With a background spanning LiDAR, Li-Ion battery development, and high-voltage charging infrastructure, Wouter has delivered high-impact programs for leading OEMs, scale-ups, and tech manufacturers across Europe and North America. At Luminar Technologies, he led mission-critical LiDAR initiatives for Volvo Cars and Polestar, guiding the transformation from prototype to full-scale production. Holding a PhD in Applied Physics and fluent in Dutch, English, and German, Wouter brings scientific depth, cross-functional leadership, and intercultural fluency to every engagement. Known for his precision, technical insight, and ability to align global teams, he helps organizations drive innovation at scale — from R&D to industrialization, and from strategic vision to operational execution.

### HOW I CAN HELP YOUR BUSINESS

- **Autonomous Mobility & E-Mobility Innovation** – Guides organizations through the development and deployment of next-gen mobility solutions, aligning product vision with cutting-edge technologies. Crafts practical roadmaps for LiDAR, Li-Ion batteries, and DC fast-charging systems that scale from R&D to production.
- **European Program Delivery & Industrialization** – Supports international companies operating across Europe with deep technical expertise, supplier coordination, and industrial rollouts. Bridges the gap between engineering and execution to ensure seamless, high-impact delivery.
- **Cross-Functional Leadership & Technical Governance** – Brings focus and structure to complex engineering programs. Leads diverse teams across borders, integrating quality, operations, and innovation under a shared vision — with clear processes and accountability.