

**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.