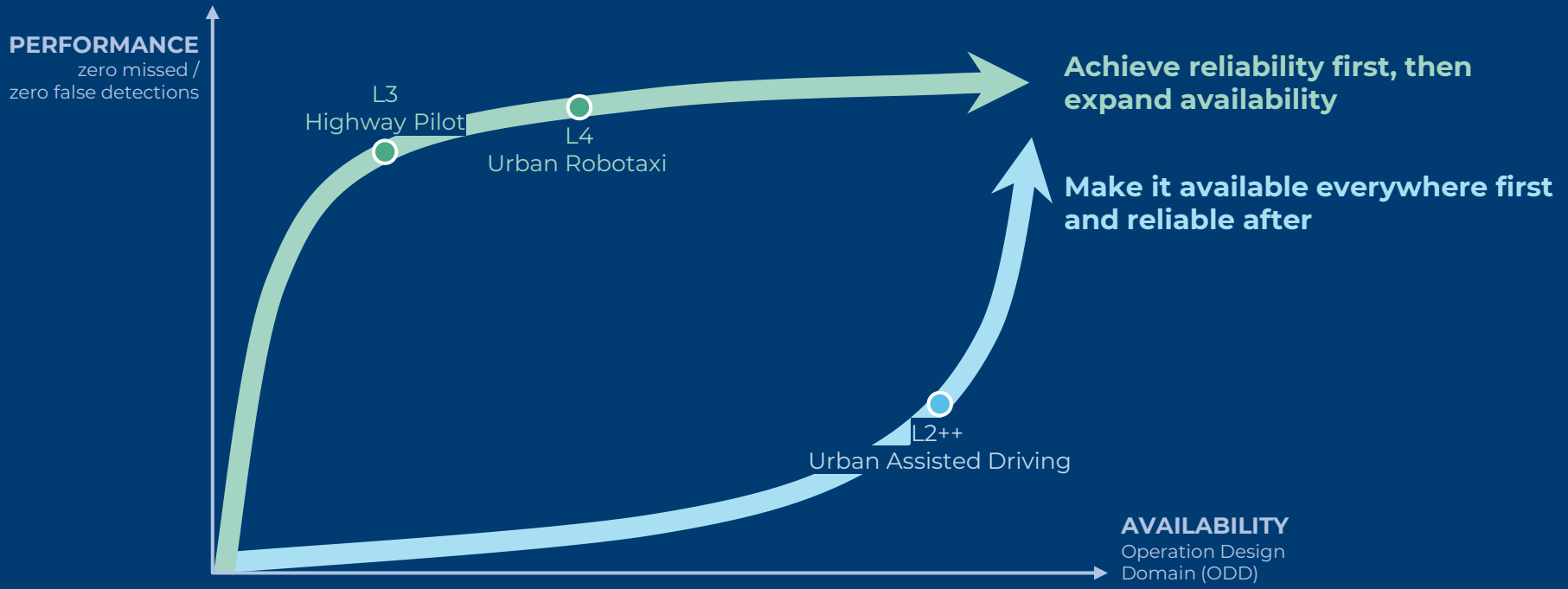
How AI can improve mobility for a better future

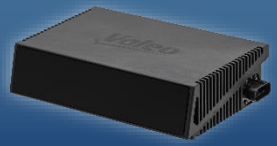
Future Networked Car Symposium ▪ Geneva ▪ July 11, 2025

SMART TECHNOLOGY FOR SMARTER MOBILITY



AI is key in achieving safe autonomy with meaningful availability

RADAR



LIDAR

THERMAL

CAMERA

ULTRASONIC

MICROPHONE

From computer vision to **multi-modal perception** for safe automation

Reliability

End-to-End Driving

Scene Understanding

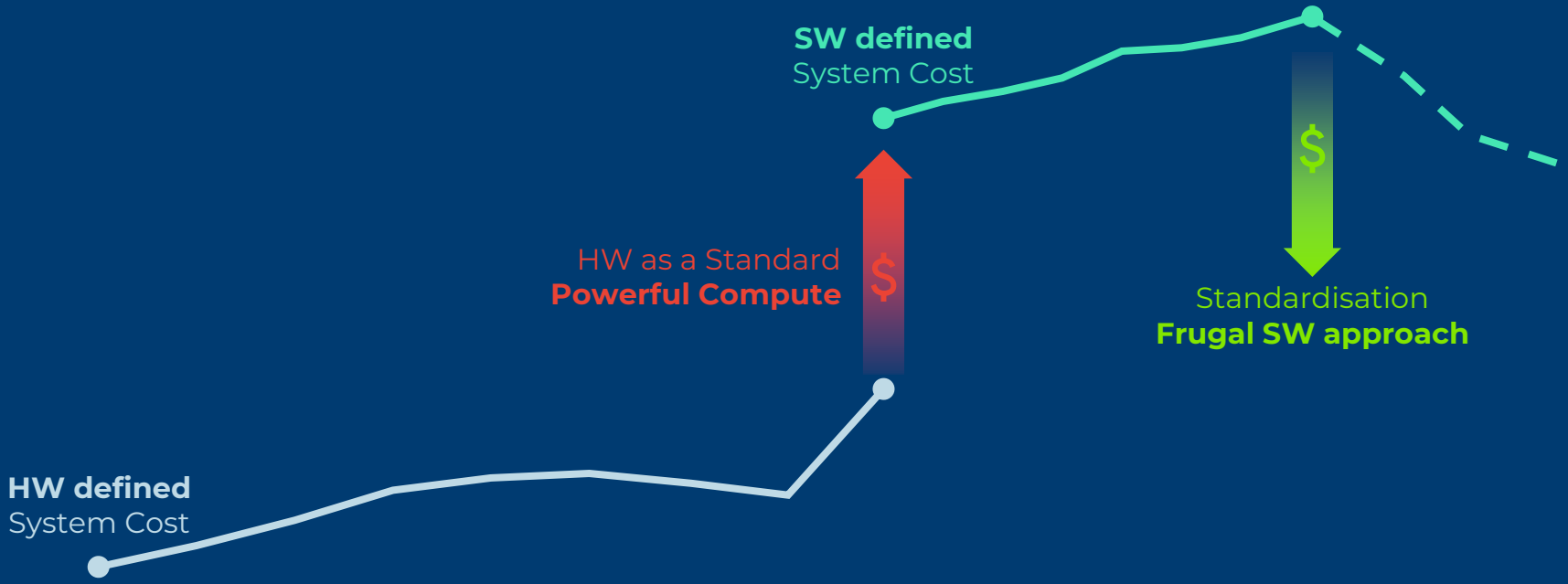
Data Efficiency

valeo.ai

200+ Publications

20,000+ citations

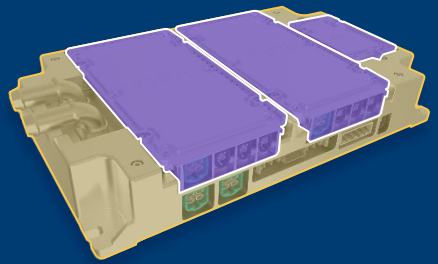
Since 2017

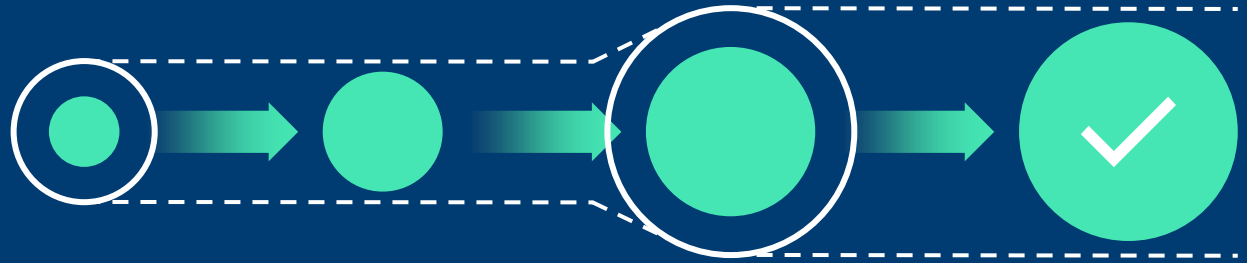


In order to make **AI affordable for all** we must manage HW cost

HW compute power
at Start of Production

SW defined
compute requirement





Continuous SW upgrades necessitates **upgradable compute HW**

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