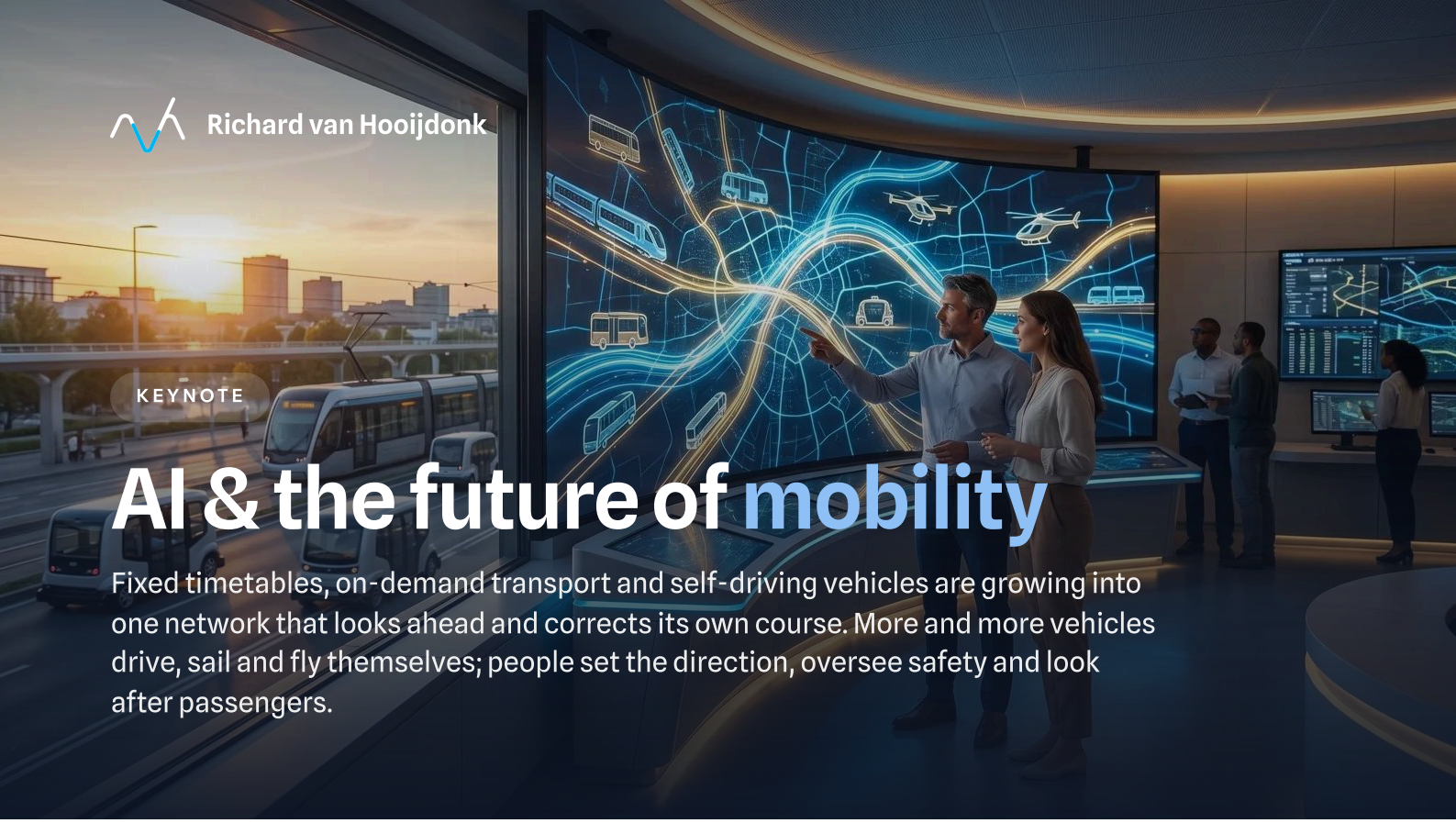


Richard van Hooijdonk

KEYNOTE

AI & the future of mobility

Fixed timetables, on-demand transport and self-driving vehicles are growing into one network that looks ahead and corrects its own course. More and more vehicles drive, sail and fly themselves; people set the direction, oversee safety and look after passengers.

Staff shortages, crowded networks and the shift to cleaner, autonomous transport. How does AI move mobility forward?

Buses and trains, aviation, ports and road management: futurist and trend watcher Richard van Hooijdonk examines how AI is changing mobility and what it means for transport operators. You see what is possible now, and what travel and transport could look like in a world that is hard to picture today. AI already does a great deal of work in mobility. In the traffic control centre it predicts where congestion is likely to build, it flags which train wheel needs replacing, and when a disruption hits it works out within minutes how to redeploy buses and crews. In a growing number of places, taxis run without a driver. The next step goes further: a robotaxi that costs less than owning a car, trains that couple virtually, thousands of drones and air taxis above the city, and a personal AI agent that arranges the whole trip. At the same time, criminals are looking for the weak spot in connected vehicles. People's work changes with it: who watches the fleet remotely, who decides in an emergency, and how you innovate in a sector where safety always comes first. The keynote separates what is already running from what is on its way. In ten years there will not always be a person at the wheel, and that changes what a transport operator asks of its people. KLM, ProRail, DAF Trucks, Volvo and Pon Logistics & Mobility are among the organisations that have booked him.



RICHARD VAN HOOIJDONK

Richard van Hooijdonk is a trend watcher, futurist and international keynote speaker. Many trend watchers and futurists look at the future from a distance. Richard van Hooijdonk lives in it. His team consists of people and AI agents, and he has several chips implanted in his body. He speaks about AI and new technology, the organisation of the future and leadership in the AI era. He takes you into a future you can barely picture today, and shows how you can steer it yourself.

3,000+	650,000+	30+	Bestselling
keynotes	participants	countries	author

What the keynote covers

NOW AI in mobility

What AI already does on the road, the railway, the water and in the air.



01 The AI traffic control centre

APPLIED

AI predicts congestion, spots incidents on motorways and railways, and helps controllers choose what to do before the network jams.



02 Fleet control

APPLIED

When disruption hits, AI draws up a new plan within minutes. In time, across operators too: bus, train and taxi as one fleet.



03 Predictive maintenance

APPLIED

Sensors measure wear on trains and aircraft, and AI predicts when maintenance is due. Drones and robots can also inspect at night.



04 The planner that arranges it all

APPLIED

AI combines train, bus, shared bike and taxi, and where possible a robotaxi, into one trip, and adjusts it when there is a delay.



05 AI agents in a disruption

IN PILOTS

AI agents rebook passengers during a disruption. The next step: rebooking them before the disruption happens.



06 Robotaxis

APPLIED

In more and more cities, taxis run without a driver. AI sees, predicts and decides in traffic.



07 The software-defined car

APPLIED

New features through updates and an AI assistant on board. In time, the car will arrange its own servicing, charging and trips.

COMING NEXT The future of mobility

Where mobility could be in five to fifteen years, with AI as the engine.



08 The end of car ownership

FUTURE SCENARIO

Around 2040, a ride in a shared robotaxi could cost less than owning a car. That also changes who makes money from mobility.



09 The traveller who no longer books

FUTURE SCENARIO

Soon a personal AI agent will plan, book and change the whole trip. Operators will then sell to agents rather than to people.



10 Traffic in the third dimension

FUTURE SCENARIO

Drones and electric air taxis could fill the sky above the city. Around 2040, AI coordinates thousands of flights at once, increasingly with no pilot.



11 The road without signs

FUTURE SCENARIO

Vehicles receive speed limits, lane instructions and right of way digitally. Around 2040, signs and even traffic lights could disappear on some roads.



12 Ships without crews

FUTURE SCENARIO

Around 2040, one skipper on shore could oversee several ships. AI handles the routine; people decide in heavy traffic, fog or at a lock.



13 The car as a power station

FUTURE SCENARIO

Parked electric cars together form one large battery. In time, AI can charge them when power is plentiful and feed it back when supply is tight.



14 Flying in 2040

FUTURE SCENARIO

Around 2040, flights could combine sustainable fuel, electric propulsion on short routes and flight paths that avoid warming contrails.



15 The village back on the map

FUTURE SCENARIO

Around 2040, self-driving minibuses on demand could link villages to the station day and night, even where a regular bus is not viable.

PEOPLE & ORGANISATION

The mobility organisation of the future

What AI means for roles, teams, leadership and culture at transport operators and road authorities.



16 The AI-first organisation

AI does the repetitive and predictive work behind timetables and maintenance. Planners and engineers focus on passengers and safety.



17 New roles in mobility

Fleet supervisors, trainers of AI systems, designers of services for AI agents and traffic controllers for drones.



18 People and AI in the control centre

Road, rail and water traffic controllers work with AI as one team. AI gives one picture of every network; people decide who does what.



19 Leadership in mobility

Transport leaders take the initiative today and get their teams building tomorrow's transport together.



20 The future academy

AI and new technology call for new knowledge. In their own future academy, organisations prepare current and new staff for it.



21 Into the future as an ecosystem

The customer sees one service. Behind it, start-ups, scientists, partners and governments from different continents work together on innovation.

THE OTHER SIDE

The other side: responsibility and risk

Data, reliability and crime: what is at stake when AI comes along for the ride.



22 Data as the foundation

AI only works when data from every part of the organisation is available, reliable and connected. That is the foundation of a transport operator that runs on AI.



23 Who is driving when it goes wrong?

With self-driving transport, responsibility shifts, partly from the driver to the manufacturer and the software supplier.



24 Mobility crime

With AI, criminals find weak spots in vehicles and transport systems faster, and use ransomware and phishing with cloned voices.

DURATION
30, 45, 60 minutes or longer, with time for questions

LANGUAGE
Dutch or English

FORMAT
On location or online

FEE
On request

PLUS

"Richard succeeded excellently in waking up our leaders and setting them on the path to the future: after the lecture, discussions took place across various parts of the organisation about the topics covered, and initiatives have been set in motion."

Aart van Haren Managing director, PLUS

Deloitte.

"A dazzling journey through new technology. The enthusiasm and energy during his presentation, combined with the visuals, provided a successful kick-off to our event."

Patrick Steemers Partner, Deloitte

A keynote for your mobility event

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