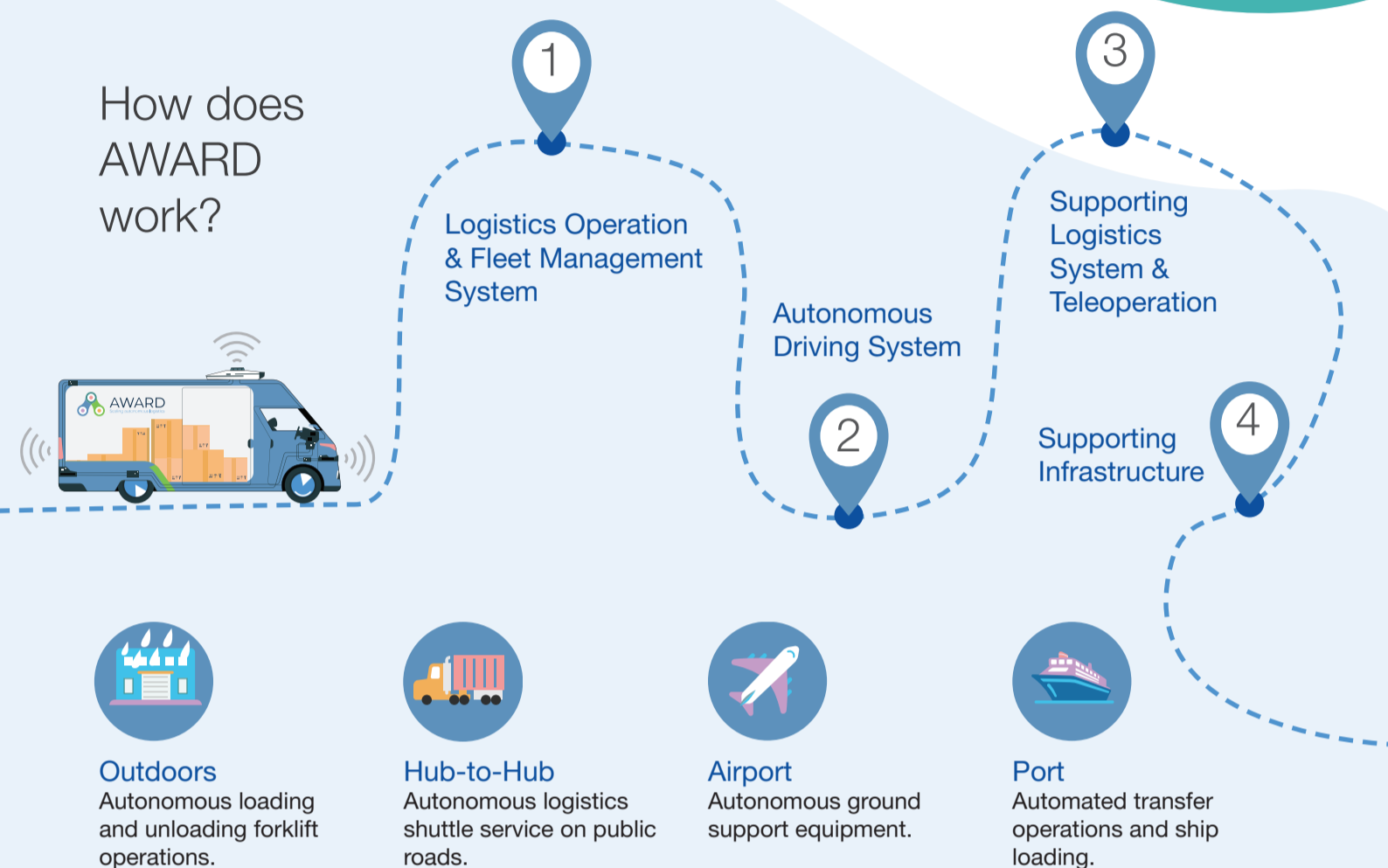# AWARD
Scaling autonomous logistics
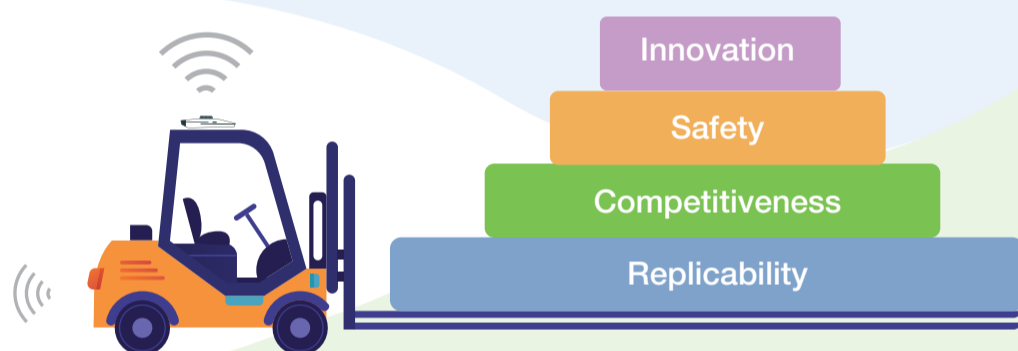
What is AWARD?

AWARD deploys safe, efficient, connected and automated heavy-duty vehicles in real-life logistics operations and all-weather conditions.
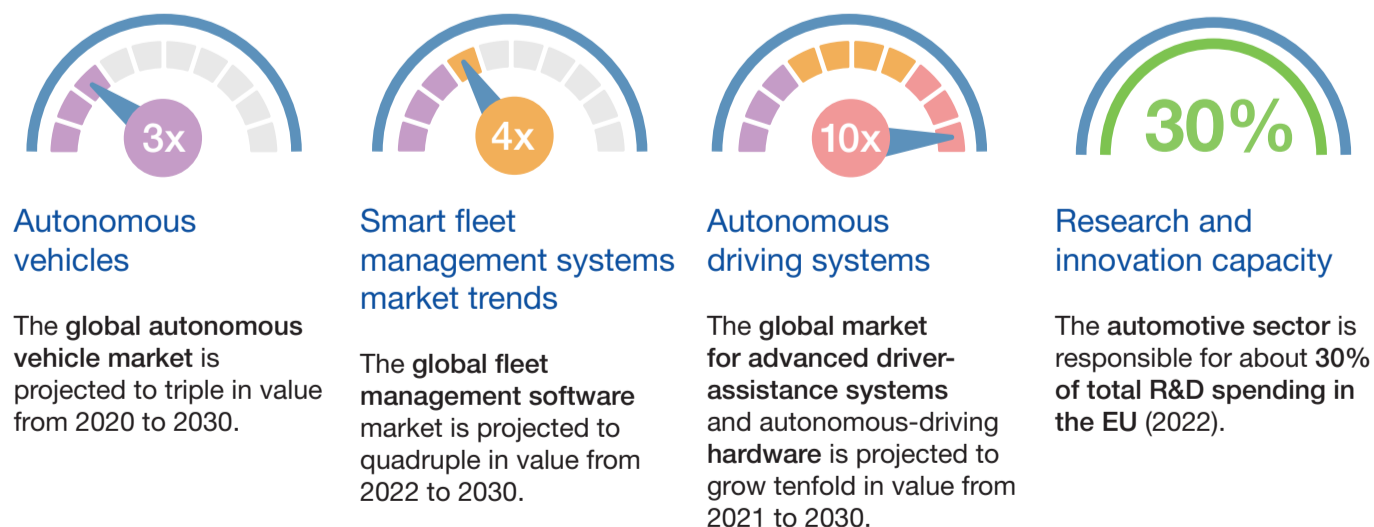
How does AWARD work?

1 Logistics Operation & Fleet Management System

2 Autonomous Driving System

3 Supporting Logistics System & Teleoperation

4 Supporting Infrastructure

Outdoors
Autonomous loading and unloading forklift operations.

Hub-to-Hub
Autonomous logistics shuttle service on public roads.

Airport
Autonomous ground support equipment.

Port
Automated transfer operations and ship loading.

What does AWARD deliver?

Innovation

Safety

Competitiveness

Replicability

Key Results

1 Definition of end-user specifications and requirements.

2 Safe and scalable autonomous driving system validated for harsh weather conditions.

3 Zero-emission driverless autonomous heavy-duty vehicles certified for extended on-dock-deliveries.

4 Interoperable safe and secure fleet management and supervision system that optimises logistics.

5 Demonstrations of automated heavy-duty vehicles performing 24/7 real logistics operations.

6 Policy recommendations for regulatory framework.

What are the most important market trends for AWARD?

3x

Autonomous vehicles

The **global autonomous vehicle market** is projected to triple in value from 2020 to 2030.

4x

Smart fleet management systems market trends

The **global fleet management software** market is projected to quadruple in value from 2022 to 2030.

10x

Autonomous driving systems

The **global market for advanced driver-assistance systems** and autonomous-driving **hardware** is projected to grow tenfold in value from 2021 to 2030.

30%

Research and innovation capacity

The **automotive sector** is responsible for about **30% of total R&D spending in the EU** (2022).

Learn more:

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