VISION 2030
ADVANCING SMART MOBILITY TOGETHER
“The ERTICO Partnership has a clear vision for mobility in 2030: seamless, greener, safer, cross-border, digital, and inclusive”

JACOB BANGSGAARD
CHIEF EXECUTIVE OFFICER, ERTICO
Mobility as a Service

Widespread cellular coverage

Truck platooning

Take up of automated vehicles

5+
Mobility is “the ability to move or be moved freely and easily” and it is at the centre of human existence.

We need to guarantee affordable and available mobility to access any kind of human neediness (education, health, work, leisure) as well as to allow the transport of goods and services that can satisfy human needs. Mobility fosters everyone’s participation in society and therefore a well-functioning mobility network supports equality and inclusion. Through easily accessible mobility services, people can accomplish their personal and professional objectives and desires. Mobility is also essential to the economy; we need investment in transport networks to have a positive effect on the functioning of markets, business and competitiveness.

The integration of mobility with information technologies, telecommunications and sensors creates intelligent transport and smarter mobility services. Smart mobility has a positive impact on the environment, quality of life and the overall attractiveness of cities. Technology has advanced at an incredible speed in the past few years. With new concepts, industrial players, services and business models appearing on the market, the transport sector is shifting from being a traditional to a more modern and broad industry that contributes greatly to a better and more inclusive society. ERTICO’s Vision for 2030 takes into account all these changes and needs, placing the well-being and development of society as the final goal.

The ERTICO Partnership of 120 public and private organisations has a clear vision of what mobility will look like in 2030: seamless, greener, safer, cross-border, digital, and inclusive.
The transport sector is currently facing some major challenges when it comes to population growth, increasing urbanisation, growing of transport demand, and climate change. These can be overcome only with a holistic approach, which brings together all the players involved in the production of transport and mobility services.

ERTICO’s Vision 2030 looks at the policy scenarios and technology currently available as well as forecasting future development of those technologies and predicting their impact on mobility in 2030.

**VISION 2030 FOR MOBILITY**

**HIGHLIGHTS**

**SHARED USE OF INFRASTRUCTURE**

Passenger and freight traffic will coexist in outer- and inner-urban environments. Multimodality will play a key role in ensuring that individual transport modes are physically and digitally interconnected to provide better and more efficient services.

**CLEAN AND SUSTAINABLE VEHICLES**

The logistics industry will need to track, document and disclose its CO₂ emissions. This shift will lead to improved energy efficiency, a move away from carbon-sourced electricity and an extensive development towards electro-mobility.
**GREATER AND SAFER AUTOMATION AND CONNECTIVITY**

Highly automated vehicles will be routinely produced and deployed for a growing market by 2030. This will bring systems that monitor and manage traffic of vehicles carrying people and goods providing direct control on them. Transport networks will move towards a fully automated system of vehicles and infrastructure that will ultimately increase safety on roads.

**MORE PRECISE AND SWIFT LOCALISATION SERVICES**

Cooperative Intelligent Transport Systems (C-ITS) will facilitate the production of digital maps and accurate localisation of the vehicles in transit. This together with EU-wide similar regulatory regimes will make cross-border travelling seamless.

**BETTER USE OF DATA FLOW**

Information on movement of vehicles will be anonymised and available on secure platforms to provide important information on road use. Vehicle-generated data and IoT data will lead to new modelling techniques and services.

**HIGHER DIFFUSION OF NEW TECHNOLOGIES**

Highly innovative technologies such as blockchain, artificial intelligence and drones will ensure progress in many transport and mobility services, as they will enable fast and secure data sharing in transport. The wide uptake of advanced cellular communications and the availability of Big Data will bring a ‘revolution’ in both infrastructures and vehicles.
ERTICO is driving large-scale deployment of smart mobility solutions through its unique expertise in leading public-private stakeholder cooperation.

ERTICO acts as:

**Thought leader**
To create a holistic vision for mobility by identifying key trends, recognising best practices and developing standards.

**Knowledge-sharing channel**
To show and drive best practices on mobility management and transport innovation through networking and cross-sector collaboration.

**Catalyst**
To reduce duplication of work and to build a harmonised vision while maintaining its neutral position in a very diversified transport sector.

ERTICO is an enabler while simultaneously guiding processes towards the digitalisation of transport.

ERTICO promotes innovative concepts that are beneficial and achievable for the Partnership in all its interactions with decision makers and in all its Partnership activities.