



European Commission

# Europe on the Move



## HARNESSING THE BENEFITS OF AUTOMATION, CONNECTIVITY AND SMART MOBILITY SERVICES

Digital technologies are already reshaping the way Europeans move. The objective is to make sure that all citizens can make the most of the benefits of these technologies, for instance in terms of safety and ease of travel. It is equally important to ensure that these technologies can be a driver of growth and job creation for the European economy.

### Paving the way for automated driving

Vehicles are becoming more intelligent as new on-board connected and cooperative services and increased levels of automation become available. This has the potential to make European roads safer, reduce CO2 emissions and cut time spent in traffic. The Commission is closely working with Member States and the industry to support these developments and guarantee that the regulatory framework is fit-for-purpose. Thanks to the EU, cooperative intelligent transport systems will be deployed as of 2019. This will allow vehicles to “talk” to each other and to the infrastructure.



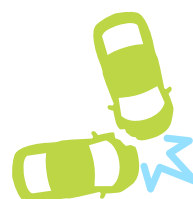
## Expected benefits of cooperative Intelligent Transport Systems by 2030



Reduce fuel consumption and CO2 emissions by **1.2 per cent annually**



**2.6 billion fewer hours** spent in traffic



Reduce the **human factor** responsible for **90%** of fatal crashes

## Seamless mobility throughout Europe

Digital technologies are a key enabler for creating a seamless European mobility system. They help to reduce costs and make mobility services more accessible and attractive for citizens.

**Electronic tolling** can improve traffic flows, optimise the use of infrastructure and cut red tape. Today, incompatible tolling systems still create hurdles to free movement and extra costs for hauliers and citizens. With the Commission's proposal, road users will be able to seamlessly drive throughout the EU.

### WHY WE NEED COMMON SPECIFICATIONS FOR ELECTRONIC TOLLING

- **Today** a lorry driver must buy an on-board unit for each national system. For instance, a lorry going from Lisbon to Bratislava bears 5 times more administrative costs compared to a system with a single service provider for the whole EU.
- **Tomorrow with our proposals:** one on-board unit for the whole EU
- **Benefits:** save time and administrative costs



Digitisation can also help to make transport and logistic operations more efficient by better **integrating the different transport modes**. To support this, the Commission is today proposing specifications for EU-wide multimodal travel information services. It will allow passengers to combine transport modes so that they can follow the best route, for instance by using a single app on their smartphone.

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## Benefits of a single journey planner



### Save time:

single planner for all needed transport to destination



### More choice:

Fastest journey – journey with fewest connections –  
Less polluting journey



### Business opportunities:

easier operations for service providers