

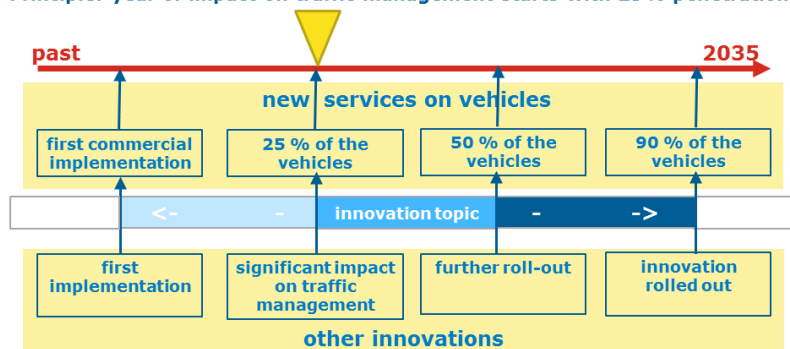
# Leading Innovation Timeline

## Exploring the future of technical innovations influencing road traffic management

ITS for roads is innovating already for twenty years in the field of traffic management. Promising innovations are implemented by road operators to improve traffic flow, safety for road users and environment. Dealing with traffic management was never so exciting as today. Many innovations take place just outside the traffic management domain of which experts state it will impact traffic flow, safety and the environment. For sure road operators will implement new techniques to improve their internal traffic management process, but a number of innovations go beyond that. Questions like 'When do you think innovations are indeed mature, well tested and save to implement' have to be answered for the road operator. Important decisions have to be taken in the coming decades. The Leading Innovation Timeline is meant as a guiding tool for decision makers.

The first Timeline was published by Rijkswaterstaat in 2015. It gave great support to enlarge awareness about what was happening regarding innovations. In 2016 the Timeline was updated, showing that the installed base for operational traffic management would be needed much longer than was foreseen at first sight. In 2016 also C-ITS and automated driving were added. In 2017 the Timeline is introduced to the [European ITS Platform](#) to collect more facts and figures and adding an European perspective from road operators and stakeholders.

Principle: year of impact on traffic management starts with 25% penetration



This timeline is accompanied by a text document which briefly describes all topics and indicates for each topic the impact on road safety, traffic flow and environment. Distinction between passenger and/or freight traffic is indicated as well (where applicable). Each topic shows a list of relevant background documents, so a list of literature for those interested in more in-depth information is available.

So far almost a hundred of experts have given their judgement during workshops on which topic should be included and in which year the first impact (25% penetration) is expected. It appears that this timeline is a perfect tool for discussion to gain better insight on what will/could happen and to update the timeline as well.

If you are interested in organizing a workshop or if you want to share relevant information about future of traffic management just send me a mail.

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Member of EU European ITS Platform ([www.its-platform.eu](http://www.its-platform.eu))



You can follow the development of this Timeline via the **EU EIP Newsletter (4x/year)**. Send me your e-mail address plus name and you will be added to the mailing list.

