



EGNSS-enabled **S**mart **R**oad **I**nfrastructure **U**sage and **M**aintenance for safe and efficient European road networks



Esrium\_H2020



ESRIUM group



[www.esrium.eu](http://www.esrium.eu)

# Our objectives



## Objective 1

Create a highly detailed EGNSS-referenced digital road wear map.



## Objective 2

Create a new mid-priced sensor system for detecting road damage.



## Objective 3

Implement EGNSS-localization system to provide accurate, authenticated yet low-cost position information in real-time.



## Objective 4

Broadcast precision routing recommendations.



## Objective 5

Broadcast potentially dangerous locations.



## Objective 6

Provide road damage state and evolution to the customer.



## Objective 7

Develop a business-case based on the ESRIUM services.



## Objective 8

Demonstrate smart automated routing based on broadcasted information.



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