

## Unique data value chain propositions:

### Automotive:

- Provide vehicle sensors-data driven methods for detecting road surface quality and inferring individual driving styles
- Link vehicle sensor data with other data sources to improve quality of results

AEGIS is a 2.5-year project, co-funded by the European Commission that aims to bring together the network, data and technologies and create a big data platform, utilizing the latest advancements in the linked and big data landscape.



Advanced Big Data Value Chain for Public Safety and Personal Security

### Smart Home and Assisted Living:

- Offer data-driven online safety and security services for individuals and care service providers.
- Combine public and sensor data streams for event identification and customized notifications.

### The AEGIS consortium:



### Insurance:

- Provide personalized offers to its customers through the analysis of the portfolio data and georeferenced data
- Evaluate the risk exposure of the company
- Develop data-driven strategies to maximize the company efficiency

We are social: @aegisbigdata

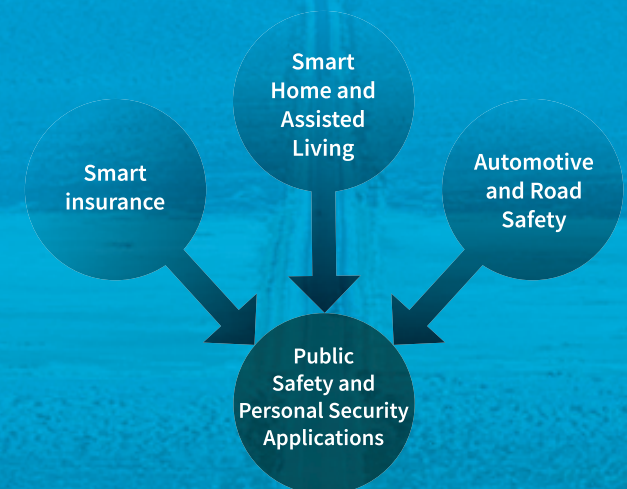


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The project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 732189.

## Data Value Chain Community Demonstrators



[www.aegis-bigdata.eu](http://www.aegis-bigdata.eu)

## Automotive and Road Safety

Automotive and road safety services to offer insights into road conditions, assist drivers to driver more safely and support regional driving safety risk management.

- Combines vehicle data, sensor data, and weather data
- Provides insights into road surface quality (speedbumps, potholes)
- Infers the drivers' driving style and computes a risk score
- Aggregates individual driving safety data and infers a geographical driving risk



## Smart Home and Assisted Living

Positioned between the assisted living, medical alert and smart home markets, the demonstrator focuses on a non-vendor specific, open API-based framework for smart home monitoring and assisted living services to vulnerable individuals and their carers.

- Combines various data sources from diverse domains
- Brings together CSPs, at-risk individuals, and their carers
- Monitors different profiles of at-risk individuals
- Foresees active features from real-time streaming data
- Addressed to organizations, without large analytics infrastructure



## Smart Insurance

Analysis of growing volumes of structured and unstructured data from both internal and external data sources, providing customer-oriented services for asset protection and building data driven business plans and marketing strategies.

- Combine in-house datasets with data gained from external Insurance-specific datasets, open data and social media data
- Define the strategy to alert its customers and to advance cross selling and upselling proposals in order to protect their assets
- Set up the pricing optimization considering the risks related to the area

