



AEGIS #1 - August 2017

Advanced Big Data Value Chain for Public Safety and Personal Security

Welcome to first News Alert of the AEGIS project. This is a newsletter of the AEGIS project to bring together the data, the network and the technologies to create a curated, semantic enhanced, interlinked & multilingual repository for public & personal safety-related big data.

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Meetings & Events



Fraunhofer FOKUS, the AEGIS project coordinator, organized the **Kick off meeting** of the project. The objectives were: to highlight the goals and objectives of AEGIS project, to screen the landscape for the definition of AEGIS business scenarios and use cases and to address early in the project the ethics issues. When? **January 12-13, 2017**, Where? **Berlin, Germany**.

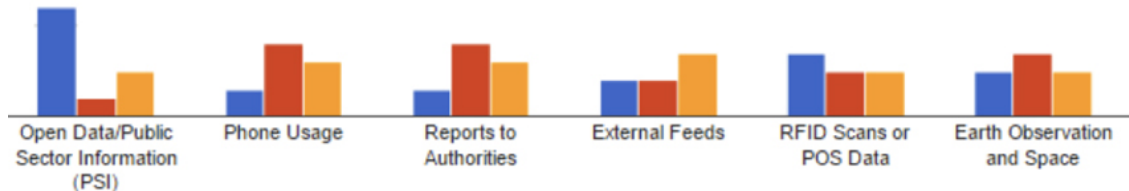
The **first plenary meeting** of the AEGIS project took place in Milan on 3-4 May, 2017 and hosted by GFT. During the meeting, the partners had the opportunity to thoroughly discuss the results about AEGIS Business Scenarios and Use Cases along with the initial list of end users requirements. In addition, the main components of AEGIS architecture were defined and a workshop took place for the definition of the AEGIS data modeling framework.



Big data in PSPS domain – The AEGIS viewpoint

One of the main objectives of AEGIS is to drive data-focused innovation that expands over multiple business sectors and takes into consideration structured, unstructured and multilingual data sets to facilitate companies and organisations in the Public Safety and Personal Security (PSPS) sectors to provide better and personalised services.

What type(s) of data does your organisation find relevant but has not yet been able to exploit?



Considering the user-oriented character of AEGIS, during the first months of the project we conducted a **survey to better understand which the needs of our stakeholders are** and define the list of requirements towards designing an open, secure, privacy-respectful, configurable, scalable Big Data **infrastructure** that promotes Data-driven Shared Economy principles in different business sectors. The results of this initial survey are available through the [link](#).

AEGIS Demonstration Stories

The AEGIS framework will be validated in three pilot site demonstrators, located in Italy, Austria and Greece, incorporating diverse business sectors with heterogeneous systems and data end points and spanning diverse end users characteristics

DEMONSTRATOR 1

AUTOMOTIVE AND ROAD SAFETY DATA

AEGIS to explore how these vehicle lifecycle data and road safety data could be meshed and modelled, semantically annotated and aggregated in order to extract meaningful information. For this, a combination of vehicle lifecycle datasets and datasets from other domains will be investigated to determine which combination provides valuable driving behaviour insights and increased accident indications. Beneficiaries will be able to enhance their business value by using the AEGIS platform to create a more mature driver safety model.

DEMONSTRATOR 2

SMART HOME AND ASSISTED LIVING

AEGIS to implement a bundle of services and applications addressing the needs of both elderly people and social care services: Such services/ apps include: **Personalised guidance** for elderly people, provided through a smart application and leveraging multi-source and multi-lingual datasets to support elderly people in their daily routines and activities. **Smart Home Automation for Security and Well-being** to enable the definition of accurate ambience preference profiles and establish a fine grained home automation framework. **Monitoring and Alert Services** to social care services providers to enable accurate monitoring of elderly activities that may require on-the-spot physical interventions and assistance

DEMONSTRATOR 3

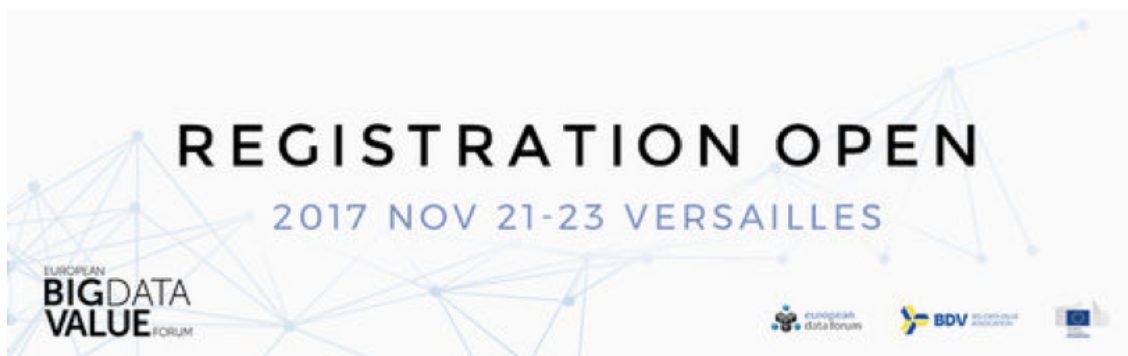
INSURANCE SECTOR

AEGIS to provide a unique interface to access and analyse information coming from diverse and heterogeneous data sources and be combined with the in-house big data platform that has been developed through the collaboration of HDI and GFT Italia. Many different sources will be analysed to extract indication that will facilitate insurance companies in day to day operation and risk mitigation.

Upcoming Events

AEGIS @ the European Big Data Value Forum, 21-23 Nov 2017

The European Big Data Value Forum 2017, jointly organised by the Big Data Value Association and the European Commission, will be held in Versailles, France (Palais des Congrès) from 21st to 23rd November 2017 and AEGIS project partners will be present at the event and present the current status of the project as well as preliminary results.



Keynotes and presentations will range from cutting-edge industrial applications of Big Data technologies, innovative business cases of the data economy, inspiring future visions, and insights on EU policy-making and R&D&I funding in this area. More info about the [event](#)



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