

AEGIS

Advanced Big Data Value Chains for Public Safety and Personal Security

WP6 - Dissemination and Communication



D6.2 – Project Website and Web 2.0 Channels

Version 1.0

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integration and experimentation

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AEGIS PARTNERS

Fraunhofer Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

GFT GFT Italia SRL

KTH Kungliga Tekniska högskolan

UBITECH UBITECH Limited

VIF Kompetenzzentrum - Das virtuelle Fahrzeug, Forschungsgesellschaft-

GmbH

NTUA National Technical University of Athens – NTUA

EPFL École polytechnique fédérale de Lausanne

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EXECUTIVE SUMMARY

The present report (D6.2) accompanies and documents the design, implementation and deployment of the AEGIS Project Website and the creation of the AEGIS Web 2.0 Channels.

The AEGIS website is available at: http://www.aegis-bigdata.eu/. Designed on the basis of state-of-the art practices and principles for web design, the AEGIS website encapsulates the essence of the online presence of the project in a clean and intuitive manner, presenting in detail the approach, objectives, consortium, results and news / events while featuring the AEGIS blog.

In accordance with the communication strategy elaborated in D6.1 "Plan for Dissemination, Communication and Stakeholder Engagement", social media will be utilized as a core communication mechanism during the AEGIS project implementation. In order to effectively establish the AEGIS social media presence and leverage the network effect (that is inherent in social media), a number of different social networks have been selected to serve different purposes for the AEGIS project: Twitter <u>@AegisBigdata</u>, Facebook Page <u>AEGIS Big Data</u>, SlideShare <u>AEGIS Big Data</u>, YouTube <u>AEGIS Big Data Channel</u>, ResearchGate <u>AEGIS Project</u>, Paper.li <u>The AEGIS Big Data Weekly</u>) while the AEGIS partners will also follow various existing LinkedIn groups to contribute to AEGIS-related discussions.

During the present Phase I "Raise Awareness" (M1-M12) of the AEGIS Communication Strategy (as defined in D6.1), the AEGIS website and social media will be constantly updated to reflect the project's advancements, and to attract and maintain the interest of the targeted audiences.

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ABBREVIATIONS

AEGIS Advanced Big Data Value Chain for Public Safety and Personal Security

DoA Description of Action

PU Public

WP Work Package

1. Introduction

1.1. Purpose and Objectives

The purpose of this report is to briefly document the AEGIS website design and deployment, as well as the creation of AEGIS accounts in popular social media.

The design and implementation of the AEGIS website falls under the activities of WP6 "Dissemination and Communication" and in particular of Task T6.2 "Project Communication Activities". According to the DoA, the objectives of WP6 are (among others) to establish an effective online presence and to communicate the project outcomes to the intended audiences, in a way that is consistent with the project's branding and scope.

The material contained in the website and the social media accounts will be regularly updated by the AEGIS consortium in alignment with the AEGIS Communication Strategy defined in the AEGIS Deliverable D6.1 "Plan for Dissemination, Communication and Stakeholder Engagement".

1.2. Structure of the Document

The structure of the document is as follows:

- Section 2 provides an overview of the AEGIS project website.
- Section 3 introduces the social networks in which AEGIS has established its presence.

2. AEGIS WEBSITE

The AEGIS Project website is available at: http://www.aegis-bigdata.eu/.

2.1. Design Principles

The AEGIS website is designed based on state-of-the art practices as follows:

- The user experience design has taken into account the AEGIS project objectives and scope in order to increase the user understanding of how the website works.
- The visual design is aligned with the AEGIS communication guidelines as defined in the AEGIS Deliverable D6.1 "Plan for Dissemination, Communication and Stakeholder Engagement".
- The website follows a modern and clean look with adequate white space / negative space to appear as uncluttered while conveying the AEGIS objectives and branding in a user friendly manner.
- The website colour palette has been well-thought and aligned to the AEGIS logo to
 ensure balance and harmony. Contrasting colours for the text and background make
 reading easier on the eye and vibrant colours are only used for emphasis and with
 caution.
- The icons and images embedded in the AEGIS website have been carefully selected to help with the AEGIS brand positioning and connection with the target audiences.
- The font utilised in the AEGIS website belongs to the Lato font family, a sanserif typeface family characterized by the letters' semi-rounded details (providing a feeling of warmth) and a strong structure (conveying stability and seriousness).
- Easy navigation and access to content is ensured through a comprehensive menu and appropriate links to content, as well as by applying the 'three click rule' that allows visitors to find the information they are looking for within three clicks.
- Tooltips and alternative texts accompany the images appearing in the AEGIS website. In order to generally increase accessibility of the AEGIS website, the W3C Web Content Accessibility Guidelines (WCAG 2.0)¹ have been considered.
- With regard to access from multiple devices with multiple screen sizes, the AEGIS website is designed to be mobile-friendly and responsive.

Overall, the AEGIS website is built on the core web design principles, including usability, accessibility and intuitive navigation.

¹ https://www.w3.org/TR/WCAG20/

Blog

2.2. Website Structure

The website structure is visible at the top of the AEGIS website through a 2-level menu as depicted in the following figure.



Figure 1: AEGIS Website Menu

The menu option "At a Glance" provides an overview of the AEGIS project and allows the visitor to navigate to the AEGIS Approach, Objectives, Demonstrators and Partners.

The menu option "Material" contains relevant material concerning AEGIS, i.e. Public Results, Research Papers, Dissemination Material and Relevant Links.

The menu options "News & Events" and "Blog" are intended to provide the visitors with up-to-date information about the project's dissemination activities as well as insights on its research, innovation and technical outcomes.

2.3. Website Content Overview

As depicted in the following figure, the AEGIS home page consists of 6 main sections that aim at familiarizing the visitor with the AEGIS project in an intuitive and simple manner:

- 1. The AEGIS branding (logo and title), as well as the menu and search placeholders which appear in all pages.
- 2. The image slideshow to visually convey 3 key messages concerning AEGIS.
- 3. The factsheet part to depict in an infographic-like manner key statistics / facts of the AEGIS project.
- 4. The "Latest News" part that lists (up to 4) most recent news of the AEGIS project.
- 5. The icons providing quick links to core aspects of the AEGIS project, namely the Data Value Chain, the Platform and the Demonstrators (at the beginning of the project).
- 6. The footnote providing a short overview of the AEGIS project, information on how to follow the AEGIS project in social media and the acknowledgement for funding by the EC.

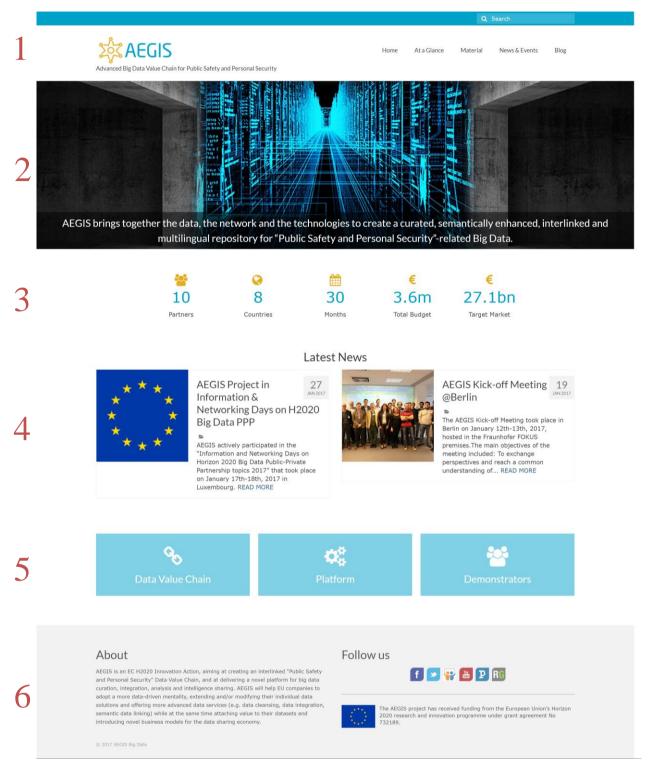


Figure 2: AEGIS Website Home Page

The AEGIS Project Approach (under the menu "At a Glance") is depicted in the following figure.



Figure 3: At A Glance - Approach in the AEGIS Website

The AEGIS Project Objectives are provided under the menu "At a Glance" as depicted in the following figure.

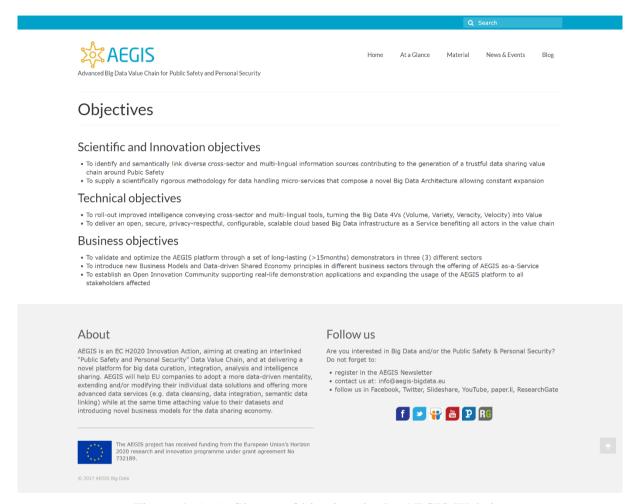


Figure 4: At A Glance - Objectives in the AEGIS Website

The AEGIS Project Demonstrators (under the menu "At a Glance") are depicted in the following figure.



Figure 5: At A Glance - Demonstrators in the AEGIS Website

The AEGIS Project Partners are presented under the menu "At a Glance" as depicted in the following figure.

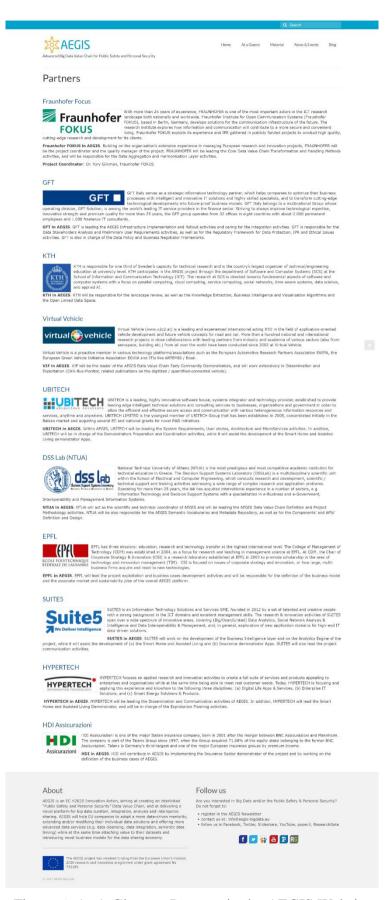


Figure 6: At A Glance - Partners in the AEGIS Website

As already mentioned in Section 2.2, the Public Results, Research Papers, Dissemination Material and Relevant Links are provided under the menu "Material". As the Public Results are not yet available, the Research Papers, Dissemination Material and Relevant Links pages are presented in the following figures.

It needs to be noted that the specific pages will be updated once more relevant content is ready to be published.

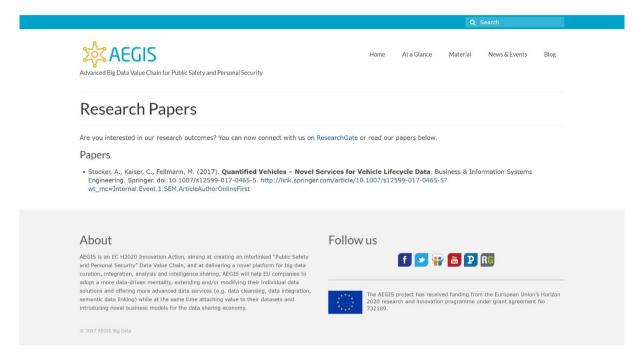


Figure 7: Material – Research Papers in the AEGIS Website

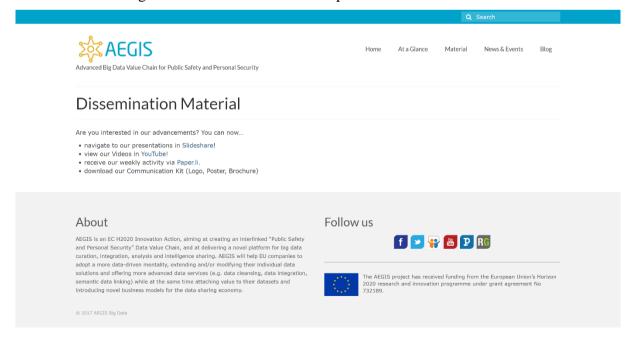


Figure 8: Material – Dissemination Material in the AEGIS Website

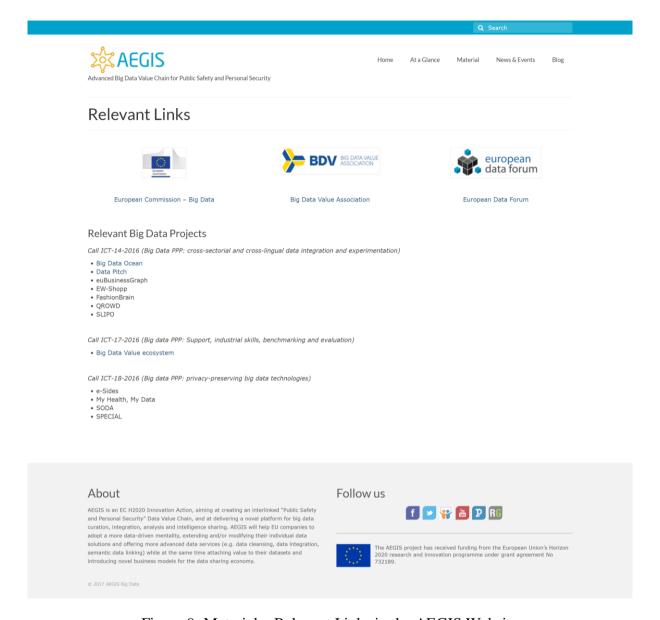


Figure 9: Material – Relevant Links in the AEGIS Website

The menu "News & Events" lists all the AEGIS news and entries for its participation to various events as depicted in the following figures.

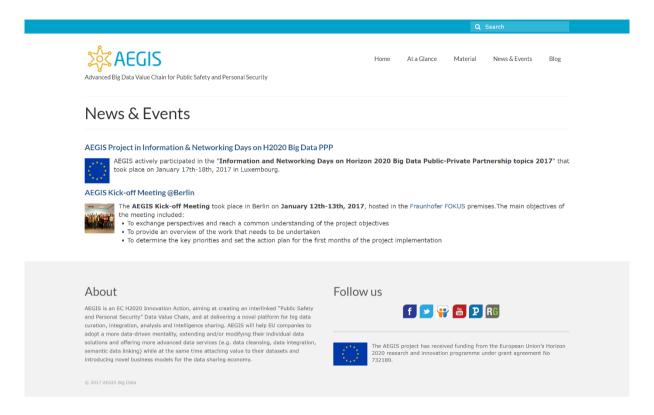


Figure 10: News & Events in the AEGIS Website

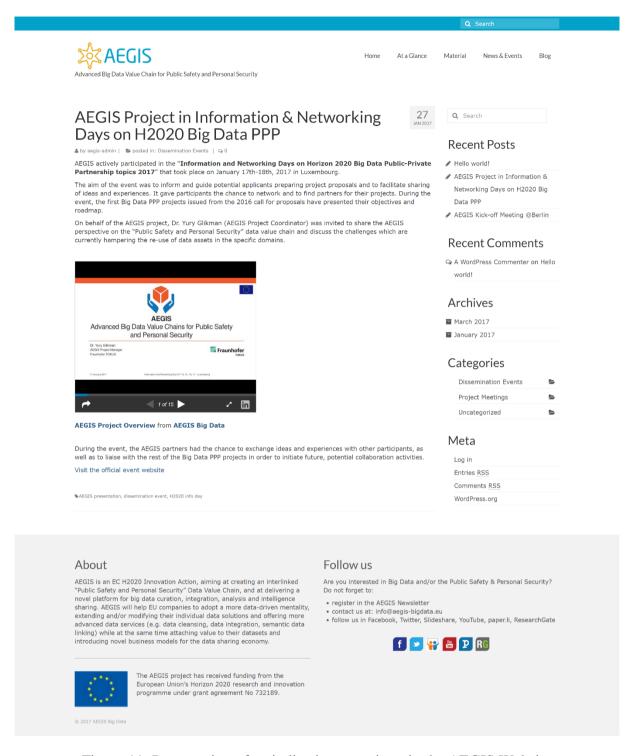


Figure 11: Presentation of an indicative news item in the AEGIS Website

As explained in D6.1, the AEGIS blog (under the corresponding menu "Blog") is expected to act as an effective mechanism to raise awareness and increase the AEGIS project visibility. Since the blog posts are expected to report the actual project outcomes / deliverables, the menu will become visible as soon as the initial AEGIS project results are available (in the end of M3)

and in accordance with the schedule for the blog posts publication (to be contributed by all partners).

2.4. Website Back-end

In brief, the website is built on the open source WordPress 4.7.3², a powerful and popular CMS, blog tool and publishing platform.

In order to analyse the website traffic and indicatively track the number of visits, the popular content and average time on the website, Google Analytics³ is set up and configured for the AEGIS website.

Search Engine Optimisation (SEO) is also ongoing at the moment to ensure the high placement of the AEGIS project website in the search results pages of search engines.

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² https://wordpress.org/

³ https://analytics.google.com/

3. AEGIS IN SOCIAL MEDIA

In accordance with the communication strategy elaborated in D6.1, social media will be extensively put into action during the AEGIS project implementation in order to share news and results of the project, raise awareness and establish a lively, bidirectional communication with its target audiences.

In order to effectively support the AEGIS social media presence and leverage the network effect (that is inherent in social media), a number of different social networks were selected to serve different purposes for the AEGIS project.

At the moment, the AEGIS project has established its presence in 5+1 social networks as depicted in the following table and is testing the communication capabilities offered.

Social **AEGIS Account AEGIS Account URL** Network @AegisBigdata https://twitter.com/AegisBigdata **AEGIS Big Data** https://www.facebook.com/aegisbigdata https://www.slideshare.net/AEGISBigData **AEGIS Big Data AEGIS Big Data** https://www.youtube.com/channel/UCz3mv23FueBCAGzvt2JNJOQ Channel https://www.researchgate.net/project/AEGIS-Advanced-Big-Data-**AEGIS Project** Value-Chain-for-Public-Safety-and-Personal-Security-2 The AEGIS Big Data https://paper.li/AegisBigdata/1489777294#/ Weekly

Table 1: AEGIS in Social Media

3.1. AEGIS in Twitter

In AEGIS, the @AegisBigdata twitter account is expected to be frequently used to: (a) publish original AEGIS content (e.g. participation to events, news, results), (b) post content from websites that is relevant to AEGIS, and (c) re-tweet other accounts to attract more followers and keep the account active.

During the first months of the AEGIS project implementation, relevant accounts (especially belonging to influencers in big data, linked data, open data, blockchain) are systematically followed in order to gain follow-backs and establish the project's presence in twitter. The AEGIS twitter feed, as well as relevant hashtags (e.g. #BigData, #LinkedData, #OpenData, #DataAnalytics, #Blockchain) will be monitored to identify and further promote relevant content of interest to the AEGIS target audiences.

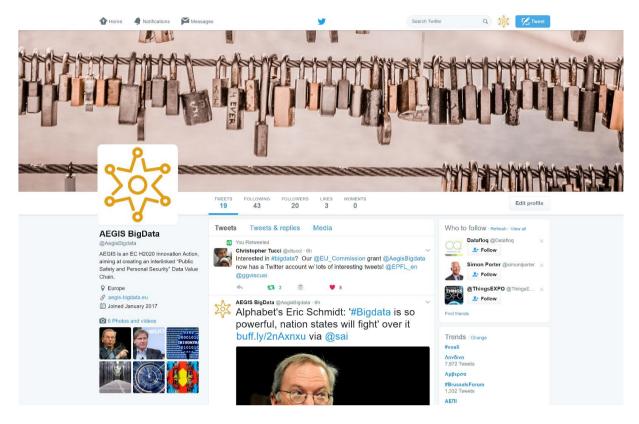


Figure 12: AEGIS Presence in Twitter

3.2. AEGIS in Facebook

In Facebook, a public page entitled "AEGIS Big Data" has been created to communicate mainstream information to the public. The content posted in Facebook originates from: (a) Twitter as the page is integrated with the AEGIS Twitter account (through Facebook Connect), and (b) from the partners who can also directly post content (like photos from meetings and participating workshops).

From the initial prioritization of the various social networks (see COMM.STEP.3 in D6.1), Facebook is not expected to be extensively used for raising awareness due to its more casual nature.



Figure 13: AEGIS Presence in Facebook

3.3. AEGIS in SlideShare

In SlideShare, AEGIS aims at uploading and sharing (publicly or privately) project presentations that were provided in various events, as well as at favouring relevant, interesting presentations. In order to facilitate retrieval and protect the rights of the AEGIS project, particular attention will be paid when selecting appropriate tags and when deciding about each presentation's license. During this initial phase of the project implementation, AEGIS reserves all rights to files it uploads by default.

With the help of SlideShare, AEGIS will increase the accessibility and visibility of its results that will be further diffused in all social networks where AEGIS is present, as well as in the AEGIS website.

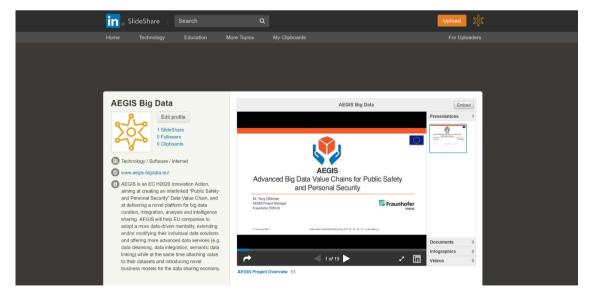


Figure 14: AEGIS Presence in SlideShare

3.4. AEGIS in YouTube

The AEGIS YouTube Channel will share the official AEGIS videos and will allow the target audiences to subscribe, watch and comment the AEGIS video content, as well as to navigate to the playlists created by AEGIS on various topics (like Big Data, Linked Data, etc.). Appropriate tags will accompany each video in order to optimize search and access.

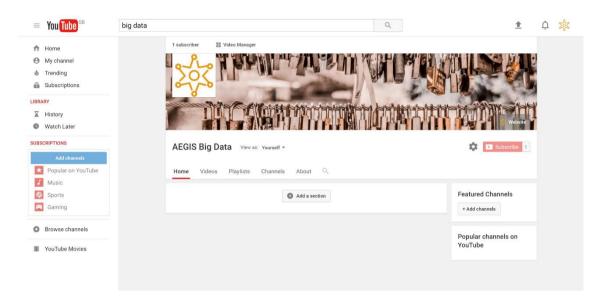


Figure 15: AEGIS Presence in YouTube

3.5. AEGIS in ResearchGate

The AEGIS ResearchGate project intends to organize and share the AEGIS-related publications and to provide a single-point of access in order to increase exposure for the AEGIS work, keep up with new developments and interact with the scientific audience. The AEGIS partners who follow the AEGIS project in ResearchGate will be able to directly add research and project updates.

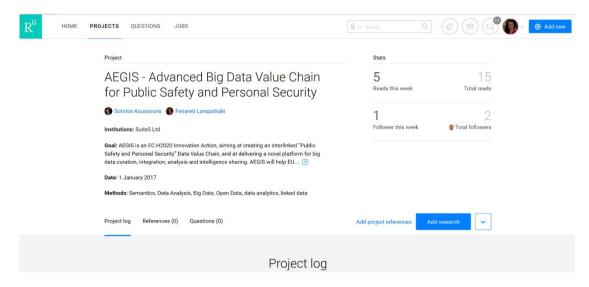


Figure 16: AEGIS Presence in ResearchGate

3.6. AEGIS in Paper.li

Paper.li represents an easy way to collect, publish and share content by automatically finding content on topics related to AEGIS (e.g. big data, linked data). With the help of Paper.li, AEGIS aims at increasing engagement rates and gaining more followers on Twitter. The Paper.li content is scheduled to be updated weekly (i.e. every Monday morning) and to be automatically published in Twitter.

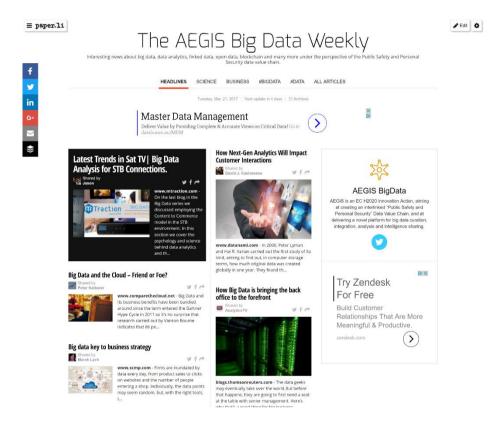


Figure 17: AEGIS Paper.li Weekly

3.7. AEGIS in Other Social Networks

When considering the social networks in which AEGIS should establish its presence (through dedicated accounts), a preliminary search for groups in **LinkedIn** regarding "Big Data" yielded 2.423 results. It was thus decided that AEGIS will be active in LinkedIn only by initiating discussions and participating to discussion threads that are relevant to AEGIS in already established groups rather that creating a dedicated LinkedIn group.

4. CONCLUSIONS

This report has documented the AEGIS project website and the AEGIS social media accounts that will be utilized as core tools for the project communication and dissemination activities.

All information related to project progress, results, news and events will be constantly updated and published in the AEGIS project website. Perspectives gained during the project implementation will be discussed in the AEGIS blog hosted in the website in order to attract and maintain the interest of the targeted audiences.

AEGIS will be also active on social media which have proven their effectiveness in terms of marketing, promotion and reaching targeted audiences, while being a great tool to top the list of site referrals. AEGIS will leverage different social networks (Twitter, Facebook, SlideShare, YouTube, ResearchGate & Paper.li) for different purposes according to the communication strategy presented in D6.1.

It is essential to point out that in order to create buzz and ensure effective social media promotion for AEGIS, all AEGIS project partners shall get involved in the following ways:

- Follow/like the AEGIS accounts in the various social media channels.
- Re-tweet/share/like the AEGIS posts on a regular basis, in order to ensure further dissemination to their followers.
- Mention @AegisBigdata in any tweet related to AEGIS (e.g. presentation in a conference, participation to an event, news of interest, related articles) which is published by their personal account.
- Add the AEGIS-relevant research (e.g. journal / conference papers) in the AEGIS project in ResearchGate.